

**NOTICE OF A SPECIAL MEETING
OF THE
VILLAGE BOARD OF TINLEY PARK**

A Special Meeting of the Mayor and Board of Trustees of the Village of Tinley Park is scheduled for Wednesday, April 10, 2019 beginning at 7:30 p.m. in the

Council Chambers located at the
Village Hall of Tinley Park
16250 South Oak Park Avenue
Tinley Park, Illinois

A copy of the agenda for this meeting is attached hereto and
can be found at www.tinleypark.org.

Kristin A. Thirion
Clerk
Village of Tinley Park

MEETING NOTICE

NOTICE IS HEREBY GIVEN that the Special Meeting of the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois will be held on Wednesday, April 10, 2019, beginning at 7:30 PM in the Council Chambers at the Village Hall of Tinley Park, 16250 South Oak Park Avenue, Tinley Park, Illinois.

7:30 PM CALL TO ORDER

 PLEDGE OF ALLEGIANCE

 ROLL CALL

ITEM #1

SUBJECT: CONSIDER APPROVAL OF AGENDA

ACTION: Discussion - **Consider approval of agenda as written or amended.**

COMMENTS: _____

ITEM #2

SUBJECT: CONSIDER APPROVAL OF MINUTES OF THE REGULAR VILLAGE BOARD MEETING HELD ON MARCH 5, 2019.

ACTION: Discussion: **Consider approval of minutes as written or amended.**

COMMENTS: _____

ITEM #3

SUBJECT: PRESENTATION OF A USED POLICE CAR TO SPECIAL OLYMPICS FOR USE IN THE "LAW ENFORCEMENT TORCH RUN FOR SPECIAL OLYMPICS" ON JULY 20, 2019, AT ROUTE 66 RACEWAY IN JOLIET. - **Trustee Brady**

ACTION: Discussion: Sergeant Darren Persha and Sergeant Bill Devine are asking the Village to donate one of the Police Department's old squad cars that has been declared surplus and is slated for auction to be used in a Law Enforcement Torch Run for Special Olympics fund raising event. The car will be modified to the required specs and turned into a racecar for the event. On July 20th, at Route 66 Raceway in Joliet, the car will represent the Tinley Park Police Department in the "Five-O at the Dirty-O" race during one of the Tournament of Destruction, Demolition Derby Events. The car will participate in a 15 lap race around the dirt oval track with squad cars from other departments. Prior to the race, they will be seeking sponsors for the car and donations to the Law

Enforcement Torch Run for Special Olympics. Sponsors will get to have their logos displayed on the car much like they do on the NASCAR circuit. Numerous volunteers have already pledged to help get the car ready and everyone is very excited to be involved. The entire process promises to be a lot of fun and will surely add to the positive exposure of the Village of Tinley Park and its Police Department. Last year, the Tinley Park Police Officers raised over \$150,000 for the Torch Run, and were the 2nd highest fund raising department in the state for 2018. **Consider donating a used police car to Special Olympics to be used at the "Law Enforcement Torch Run for Special Olympics.**

COMMENTS: _____

ITEM #4

SUBJECT: CONSIDER PROCLAIMING APRIL 13, 2019, AS "RACING BETTENHAUSEN DAY" IN THE VILLAGE OF TINLEY PARK. - Trustee Younker

ACTION: Discussion: On Saturday, April 13, 2019, the American Racing Memorial Association (ARMA) will honor the racing Bettenhausen Family with the installation of a race-themed historic marker at the Tony Bettenhausen Recreation Center, 8125 171st Street. Tinley Park native, Tony Bettenhausen, became the first Bettenhausen family member to enter auto racing and soon became known as the "Tinley Park Express." Tony who made his rookie start in Indianapolis in 1946, quickly became one of the most popular drivers of his day and brought worldwide recognition to Tinley Park. Tony passed away in 1961 in a fiery wreck at the Indianapolis Motor Speedway. The family racing was continued by his sons, Gary, Merle and Tony Lee. Between these four (4) individuals, the family initiated an amazing fifty-one (51) starts in the Indianapolis 500. **Consider proclaiming April 13, 2019, as "Racing Bettenhausen Day" in the Village of Tinley Park.**

COMMENTS: _____

ITEM #5

SUBJECT: RECEIVE COMMENTS FROM STAFF -

COMMENTS: _____

ITEM #6

SUBJECT: RECEIVE COMMENTS FROM THE PUBLIC -

COMMENTS: _____

ITEM #7

SUBJECT: CONSIDER APPROVAL OF THE FOLLOWING CONSENT AGENDA ITEMS:

- A. CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-014 AUTHORIZING A LEASE AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND COMMONWEALTH EDISON FOR A RECREATIONAL PATH SOUTH OF 179TH STREET TO THE TINLEY PARK PARK DISTRICT DOG PARK THROUGH AUGUST 31, 2028.
- B. CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-017 APPROVING THE SECOND AND FINAL EXTENSION OF THE AWARDED CONTRACT WITH AQUAMIST PLUMBING AND LAWN SPRINKLING CO., INC. FOR LAWN IRRIGATION IN THE AMOUNT OF \$28,907.
- C. CONSIDER THE ADOPTING RESOLUTION NUMBER 2019-R-016 APPROVING THE FIRST EXTENSION OF THE AWARDED CONTRACT WITH TRUGREEN FOR THE VILLAGE'S 2019 LAWN CARE PROGRAM IN THE AMOUNT OF \$32,936.
- D. CONSIDER REQUEST FROM VFW POST 2791 TO CONDUCT A QUEEN OF HEARTS RAFFLE BEGINNING ON APRIL 11, 2019, WITH THE WINNER BEING DRAWN EACH WEDNESDAY AT THE VFW POST 2791, 17147 OAK PARK AVENUE.
- E. CONSIDER PAYMENT OF IMPACT FEES IN THE AMOUNT OF \$500 TO CONSOLIDATED HIGH SCHOOL DISTRICT 230 FROM THE ESCROW FUND.
- F. CONSIDER REQUEST FOR A BLOCK PARTY PERMIT ON SATURDAY, JUNE 29, 2019, ON QUEEN VICTORIA LANE, BETWEEN 8328 AND 8340 FROM 2:00 P.M. TO 10:00 P.M.
- G. CONSIDER REQUEST FROM ST. JUDE RUNS TO CONDUCT A TAG DAY ON SATURDAY, MAY 25, 2019, AND SATURDAY, JUNE 22, 2019, AT CERTAIN INTERSECTIONS IN THE VILLAGE OF TINLEY PARK.
- H. PAYMENT OF OUTSTANDING BILLS IN THE AMOUNT OF \$4,997,150.03 AS LISTED ON THE VENDOR BOARD APPROVAL REPORTS DATED MARCH 8, MARCH 15, MARCH 22, MARCH 29, 2019, AND APRIL 5, 2019.

ACTION: Discussion: **Consider approval of consent agenda items.**

COMMENTS: _____

ITEM #8

SUBJECT: CONSIDER ADOPTING ORDINANCE NUMBER 2019-O-014 APPROVING THE OFFICIAL 2018 TINLEY PARK ZONING MAP. - Trustee Glotz

ACTION: Discussion: Per the Illinois Municipal Code, municipalities must adopt an Official Zoning Map by March 31st of each year. No properties are being rezoned as part of the adoption of the Official Zoning Map; it is only reflecting changes and corrections completed during the previous year. The Plan Commission reviewed the draft 2018 Official Zoning Map on March 7, 2019 and voted 9-0 to unanimously recommend approval. **This Ordinance is eligible for adoption.**

COMMENTS: _____

ITEM #9

SUBJECT: CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-022 (IDOT RESOLUTION 19-00000-00-GM) AUTHORIZING AN APPROPRIATION OF UP TO \$1,507,000 IN MFT FUNDS FOR THE FY2020 PAVEMENT MANAGEMENT PROGRAM. - Trustee Younker

ACTION: Discussion: This Resolution between the Village of Tinley Park and the Illinois Department of Transportation would authorize the appropriation of up to \$1,507,000 in MFT funds for the purpose of maintaining streets and highways under the applicable provision of the Illinois Code from January 1, 2019 to December 31, 2019. Actual expenditures under this resolution will be subject to the amount of funds available. The total program cost is not expected to exceed \$3,960,000. Funding was discussed at the Special Public Works Committee meeting held on April 9, 2019. Passage of this Resolution will allow the Village to competitively bid the project prior to the first major State controlled bid letting in an effort to obtain the best possible unit pricing. This item was discussed at the Public Works Committee Meetings held on April 9, 2019. **This Resolution is eligible for adoption.**

COMMENTS: _____

ITEM #10

SUBJECT: CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-023 APPROVING A PROFESSIONAL SERVICES AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND ROBINSON ENGINEERING FOR ENGINEERING SERVICES RELATED TO THE FY2020 PAVEMENT MANAGEMENT PROGRAM. - **Trustee Younker**

ACTION: Discussion: This agreement between the Village of Tinley Park and Robinson Engineering would include preliminary design engineering and field services for the FY 2020 Pavement Management Program (PMP). Final costs of this agreement are in accordance with State requirements and will be based on a percentage basis of the PMP awarded contract amount (3.5% for design and 6% for construction observation). This item was discussed at the Special Public Works Committee meeting held on April 9, 2019. **This Resolution is eligible for adoption.**

COMMENTS: _____

ITEM #11

SUBJECT: CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-019 APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND U.S. AQUA VAC, INC., CRETE, IL FOR APPLE LANE POND SEDIMENT REMOVAL - **Trustee Younker**

ACTION: Discussion: Upon completion of an RFP process for procuring aquatic sediment removal services at Apple Lane Pond, the two (2) proposals submitted February 26, 2019 were reviewed and scored.

The following contractors received by proposals:

U.S. Aqua Vac, Inc., Crete, IL
V# Companies, Ltd., Woodridge, IL

U.S. Aqua Vac was given the highest rating. The contract period is six (6) months. The Village has funds budgeted and available for this expenditure. This contract was discussed at the Public Works Committee held on March 12, 2019. Consider awarding a contract for the Apple Lane Pond Sediment Removal to U.S. Aqua Vac, Inc., Crete, IL. **This Resolution is eligible for adoption.**

COMMENTS: _____

ITEM #12

SUBJECT: CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-020 APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND CONSERVATION LAND STEWARDSHIP (CLS), LLC, ELMHURST, IL FOR APPLE LANE POND SHORELINE RESTORATION. - **Trustee Younker**

ACTION: Discussion: Upon completion of an RFP process for procuring naturalized landscape restoration services around the shoreline at Apple Pond, the following five (5) proposals received by February 26, 2019 were reviewed and scored:

Conservation Land Stewardship (CLS), Elmhurst, IL

Pizzo & Associates, Leland, IL
V3 Companies, Woodridge, IL
Tallgrass Restoration, Schaumburg, IL
Semper Fi Land, Inc., Aurora, IL

Conservation Land Stewardship was given the highest rating. The contract period is for four (4) years, which includes three (3) years of site stewardship during the establishment period. The Village has funds budgeted and available for this expenditure. This contract was discussed at the March 12, 2019 Public Works Committee. Consider awarding a contract for the Apple Pond Shoreline Restoration to Conservation Land Stewardship, Elmhurst, IL in the amount of \$143,687. **This Resolution is eligible for adoption.**

COMMENTS: _____

ITEM #13

SUBJECT: CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-021 APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND PIZZO & ASSOCIATES, LTD. LELAND, IL FOR FAIRFIELD GLEN WETLANDS RESTORATION. - **Trustee Younker**

ACTION: Discussion: Upon completion of an RFP process for procuring naturalized landscape restoration services at the Fairfield Glen wetlands, the following six (6) proposals received by February 26, 2019, were reviewed and scored:

Pizzo & Associates, Leland, IL

Conservation Land Stewardship (CLS), Elmhurst, IL
VS Companies, Woodridge, IL
Semper Fi Land Inc., Aurora, IL
ENCAP, Inc., DeKalb, IL
Tallgrass Restoration, Schaumburg, IL

Pizzo & Associates was given the highest rating. The contract period covers (4) four years, which includes three (3) years of site stewardship during the plantings establishment period. The Village has funds budgeted and available for this expenditure. This contract was discussed at the March 12, 2019, Public Works Committee. Consider awarding a contract for the Fairfield Glen Restoration to Pizzo & Associates, Leland, IL in the amount of \$286,620. **This Resolution is eligible for adoption.**

COMMENTS: _____

ITEM #14

SUBJECT: CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-015 APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND RIDGE LANDSCAPE SERVICES, FRANKFORT, IL FOR MOWING VILLAGE MAINTAINED AREAS. - **Trustee Younker**

ACTION: Discussion: Upon completion of a bid process for procuring lawn mowing services at sites throughout the Village, the following five (5) bids received on March 5, 2019 were reviewed:

<u>Contractor</u>	<u>Base Bid Amount</u>
Ridge Landscape Services, Frankfort, IL	\$256,280.96
Bearly Landscaping, Inc., Lockport, IL	\$275,231.54
Beverly Environmental, LLC, Markham, IL	\$403,680.00
Christy Webber Landscapes, Chicago, IL	\$476,964.25
 *Quarry Cartage, Dyer, Ind.	 \$165,543.17

Quarry Cartage was the apparent lowest bidder but withdrew after opening. The second lowest responsible bidder was Ridge Landscape Services. The Village has worked with Ridge Landscape in the past, and it has proven to be a reliable contractor. The contract period covers one (1) year, with two (2) options for renewal. The Village has funds budgeted and available for this expenditure. This contract was discussed at the Public Works Committee held on March 12, 2019. Based on the RFP, quantities were adjusted to meet available funds. The number of times the contractor would mow each site was decreased from thirty-two (32) to twenty-four (24) to meet the budget. There normally is 6 to 8 weeks that the Village does not mow as frequently due to the grass going dormant with high temperatures. Consider awarding a contract to Ridge Landscape Services, Frankfort, IL for \$183,810.72. **This Resolution is eligible for adoption.**

COMMENTS: _____

ITEM #15

SUBJECT: CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-018
APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY
PARK AND CHRISTY WEBBER LANDSCAPES, CHICAGO, IL FOR
LANDSCAPE BED MAINTENANCE - **Trustee Younker**

ACTION: Discussion: Upon completion of an RFP process for procuring landscape bed
maintenance services at sites throughout the Village, the following four (4)
proposals received by March 5, 2019 were reviewed and scored:

Christy Webber Landscape, Brookfield, IL

Ridge Landscape, Moken, IL

Beverly Environmental, LLC, Markham, IL

Christy Webber Landscapes was given the highest rating. The contract period
covers one (1) year, with two (2) options for renewal. The Village has funds
budgeted and available for this expenditure. This contract was discussed at the
March 12, 2019, Public Works Committee. Consider awarding a contract for
\$157,360.25 for the Landscape Bed Maintenance to Christy Webber
Landscapes, Chicago, IL. **This Resolution is eligible for adoption.**

COMMENTS: _____

ITEM #16

SUBJECT: CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-025
APPROVING AND AWARDING VARIOUS OAK PARK AVENUE
GRANTS TO THE VETERINARY CLINIC OF TINLEY PARK LOCATED
AT 17745 S. OAK PARK AVENUE (CYNTHIA CECOTT, OWNER). -
Trustee Berg

ACTION: Discussion: This ordinance approves a Façade Grant, Sign Grant, Landscaping
Grant, and a Code Compliance Grant for Cynthia Cecott. Planned
improvements for the building at 17745 Oak Park Avenue will include include a
new façade, new sign, new landscaping, and the renovation of the interior
spaces including the installation of a fire alarm system and sprinkler system.
The total matching grants will not exceed \$58,310. The Economic and
Commercial Commission has discussed and recommended approval of the
proposed Resolution. **This Resolution is eligible for adoption.**

COMMENTS: _____

ITEM #17

SUBJECT: CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-026
AUTHORIZING A CONTRACT BETWEEN THE VILLAGE OF TINLEY
PARK AND MERDIAN IT FOR THE DESIGN AND BUILD OF A
DISASTER RECOVERY SECONDARY DATA CENTER. - **Trustee Brady**

ACTION: Discussion: Disaster Recovery is a long term complex item on the VoTP Strategic Plan. The VoTP Emergency Management Department has created plans for Disaster Recovery and Business Continuity to support and protect our residents. In order to maintain business continuity and provide for disaster recovery during the occurrence of a major event in the Village the IT Department has also been developing an IT centric disaster recovery plan and mitigation strategy. A key component of the plan is the creation of a secondary data center at a location outside of Village Hall. The Village Board recommended that an RFP be generated and posted to allow all companies to bid on the project. The RFP was posted on January 16, 2019 with a submission deadline of January 31, 2019. The Village received one response to the RFP from Meridian IT. This item was discussed at the Public Safety Committee meeting held on March 12, 2019. Funding is available in the approved FY19 Capital Projects Budget. Maintenance is included in the approved in both the FY19 and the proposed FY20 Budgets. Consider approving a contract with Meridian IT for the design and build of a disaster recovery secondary data center for a cost of \$161,280. **This Resolution is eligible for adoption.**

COMMENTS: _____

ITEM #18

SUBJECT: CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-024
AUTHORIZING SIKICH LLP TO CONDUCT THE ANNUAL FINANCIAL
AUDIT OF THE VILLAGE FOR THE FISCAL YEAR ENDING APRIL 30,
2019 - **Trustee Curran**

ACTION: Discussion: In 2017, the Village solicited a Request for Proposal (RFP) for the professional services associated with external audit and financial reporting. The firm Sikich LLP was selected to perform the professional audit services through Village fiscal year ending 2021. The proposed fees for the FY2019 audit are not expected to exceed \$47,935 per their proposal. Consider authorizing the Village Manager and Treasurer to sign the Engagement Letter for conducting the annual audit for the Fiscal Year Ending April 30, 2019. **This Resolution is eligible for adoption.**

COMMENTS: _____

ITEM #19

SUBJECT: CONSIDER APPROVAL OF ORDINANCE NUMBER 2019-O-015 ADOPTING THE ANNUAL BUDGET FOR THE FISCAL YEAR ENDING APRIL 30, 2020 FOR THE VILLAGE OF TINLEY PARK, COOK AND WILL COUNTIES, ILLINOIS - **Trustee Curran**

ACTION: Discussion: On February 26, 2019, the Committee of the Whole met and recommended approval of the proposed Budget for fiscal year ending April 30, 2020. The proposed total expenditure budget for the General Fund is \$54,844,151. The Tinley Park Public Library is also included in the proposed budget, and the proposed total expenditure budget for the Library's General Fund is \$5,545,250. The proposed total expenditure budget of all Village Funds, including the Tinley Park Public Library is \$155,644,799. In accordance with State Statutes, a Public Hearing was held prior to this meeting (April 10, 2019). As required, a copy of the proposed budget has been available for public inspection at the Village Clerk's office and on the Transparency Portal of the Village website since April 3, 2019. **This Ordinance is eligible for first reading.**

COMMENTS: _____

ITEM #20

SUBJECT: CONSIDER RESOLUTION NUMBER 201-R-028 AUTHORIZING TRANSFERS FROM THE GENERAL FUND, WATER AND SEWER OPERATIONS AND MAINTENANCE FUND, AND COMMUTER PARKING LOT OPERATIONS AND MAINTENANCE FUND - **Trustee Curran**

ACTION: Discussion: This Resolution implements a series of year end transfers following established fiscal practices as outlined in the Fiscal Policies Manual. These transfers are supported by the excess of revenues over expenses expected to be generated for the fiscal year ending April 30, 2019, or from the Fund Balance of the fund initiating the transfer. The transfers are made to capital and debt service reserve funds to support the current and long term financial needs of the Village to support the replacement of infrastructure, equipment, and provide for debt service on outstanding bonds. The Resolution establishes not to exceed amounts for the contemplated transfers of \$10,000,000 from the General Fund; \$3,000,000 from the Water and Sewer Fund, and \$1,000,000 from the Commuter Parking Lot Fund. **This Resolution is eligible for first reading.**

COMMENTS: _____

ITEM #21

SUBJECT: RECEIVE COMMENTS FROM THE BOARD -

COMMENTS: _____

ITEM #22

SUBJECT: ADJOURN TO EXECUTIVE SESSION TO DISCUSS:

- A. COLLECTIVE NEGOTIATING MATTERS BETWEEN THE PUBLIC BODY AND ITS EMPLOYEES OR THEIR REPRESENTATIVES, OR DELIBERATIONS CONCERNING SALARY SCHEDULES FOR ONE OR MORE CLASSES OF EMPLOYEES.

- B. THE APPOINTMENT, EMPLOYMENT, COMPENSATION, DISCIPLINE, PERFORMANCE, OR DISMISSAL OF SPECIFIC EMPLOYEES OF THE PUBLIC BODY OR LEGAL COUNSEL FOR THE EMPLOYEES OF THE PUBLIC BODY OR LEGAL COUNSEL FOR THE PUBLIC BODY, INCLUDING HEARING TESTIMONY ON A COMPLAINT LODGED AGAINST AN EMPLOYEE OF THE PUBLIC BODY OR AGAINST LEGAL COUNSEL FOR THE PUBLIC BODY TO DETERMINE ITS VALIDITY.

ADJOURNMENT

March 5, 2019 | 1

Regular Meeting of the Board of Trustees - Minutes**MINUTES OF THE REGULAR BOARD MEETING OF THE TRUSTEES,
VILLAGE OF TINLEY PARK, COOK AND WILL COUNTIES,
ILLINOIS, HELD MARCH 5, 2019**

The regular meeting of the Board of Trustees, Village of Tinley Park, Illinois, was held in the Council Chambers located in the Village Hall of Tinley Park, 16250 S. Oak Park Avenue, Tinley Park, IL on March 5, 2019. President Vandenberg called this meeting to order at 7:31 p.m. and led the Board and audience in the Pledge of Allegiance.

At this time, Trustee Glotz called for a moment of silence in remembrance of Jeffery Dovovan Wilds who passed away in late February. Mr. Wilds was a former Tinley Wish recipient.

Present and responding to roll call were the following:

Village President:	Jacob C. Vandenberg
Village Clerk:	Kristin Thirion, Arrive 7:55 p.m.
Deputy Village Clerk:	Laura J. Godette, Depart 7:55 p.m.

Trustees:	Brian H. Younker
	Michael J. Pannitto
	Cynthia A. Berg
	William P. Brady
	Michael W. Glotz
	John A. Curran

Absent:

Also Present:	
Village Manager:	David Niemeyer
Asst. Village Manager:	Patrick Carr
Village Attorney:	Patrick Connelly

Motion was made by Trustee Younker, seconded by Trustee Berg, to approve the agenda as written or amended for this meeting. Vote by voice call. President Vandenberg declared the motion carried.

Motion was made by Trustee Younker, seconded by Trustee Brady, to approve and place on file the minutes of the Regular Village Board Meeting held on February 19, 2019. Vote by voice call. President Vandenberg declared the motion carried.

March 5, 2019 | 2

Regular Meeting of the Board of Trustees - Minutes

At this time, the Village **RECOGNIZED THE STUDENTS INVOLVED IN THE 2019 "YOUTH IN GOVERNMENT" PROGRAM.** The following students participated in the 2019 "Youth In Government" program sponsored by the Village of Tinley Park Community Resource Commission:

Tinley Park High School

Morgan Knoll
 Marena Moore
 Dominick Pelegrino
 Emma Goyola
 Grace Evans
 Julia Bush
 Jackson Skanberg
 Hannah Hallman
 Erik Schutte
 Marshaune Williams
 Nick Stulga
 Maddie Ellis
 Megan Knoll

Lincoln Way East High School

Lainey O'Boyle
 Aiden Pleckaitis
 Gianna Vita
 Luke Zilinskas

Home School

Nick DeNova

Motion was made by Trustee Brady, seconded by Trustee Pannitto, to **RECOGNIZE THE PROMOTION OF OFFICER JONATHAN MITTELMAN TO SERGEANT.** Officer Mittelman has served as a full-time Tinley Park police officer for 7 1/2 years. He has been married to his wife, Alison, for 11 years, and they have 3 children. Over the course of his career, Jon has acquired numerous specialties, to include field training officer, master firearms instructor, advanced evidence technician, field juvenile officer, taser instructor, and hostage negotiator, among others. Jon is one of the original members of the police department Honor Guard. Jon previously worked as director of sports and outdoor summer camp in the Dominican Republic. He is a graduate of Moody Bible Institute, where he received a bachelor's degree in youth ministry. Jon has attended the two-week Northwestern University Center for Public Safety School of Supervision of Police Personnel. Vote by voice call. President Vandenberg declared the motion carried. Deputy Village Clerk Godette then conducted a swearing in ceremony for Sergeant Mittelman.

Motion was made by Trustee Younker, seconded by Trustee Glotz, to **APPOINT KEN HOWARD TO PUBLIC WORKS FOREMAN.** Ken Howard is entering his eighth year with the Public Works Department, prior to which he spent four years as a purchasing agent at a steel fabrication company. Ken Howard is proud to be a lifelong resident of the Village of Tinley Park and comes from a family dedicated to civil service. His father is a 32-year veteran with the Berwyn Police Department and brother of an Arlington Heights Police officer. His grandfather was a Korean War veteran who worked for Chicago Streets and Sanitation Department for over 30 years. Ken and his wife, Peggy, a school social worker, are looking forward to continuing to raise their son, Connor, in Tinley Park for many years to come. Ken and Peggy will happily be celebrating their third wedding anniversary shortly. Vote by voice call. President Vandenberg declared the motion carried.

At this time, President Vandenberg asked if anyone from the Staff would care to address the Board.

Village Manager David Niemeyer congratulated Village Treasurer Brad Bettenhausen on celebrating thirty-five years of employment with the Village of Tinley Park.

March 5, 2019 | 3

Regular Meeting of the Board of Trustees - Minutes

Trustee Glotz asked Village Manager Niemeyer why the Tinley Park Mental Health Center Resolutions before the Illinois General Assembly were not acted upon. Mr. Niemeyer stated he would look into this.

At this time, President Vandenberg asked if anyone from the Public would care to address the Board.

Frank Williams stated his concerns with personal and private property rights of the citizens. Mr. Williams stated concerns about political signs being removed.

Laura Vacek stated concerns about an ad in the Tinley Junction regarding a meet and greet presentation by Melody Square LLC at the Tinley Park Convention Center regarding plans for the Tinley Park Mental Health Center property. Village Manager Niemeyer stated that the developer decided to do this on their own. Trustee Glotz stated his concern with this.

Joe Longhini stated his concerns with the Tinley Park Park District land near his home and certain minutes of the Park District meeting. Trustee Curran stated that Mr. Longenni should contact the Tinley Park Park District regarding the minutes in question.

Jim Doyle stated his concerns with cyber bullying and how governments respond to it. Village Attorney Connelly stated there are ways for the public to issue ethics complaints.

Tina Williams stated concerns about harassment via private Facebook accounts.

A resident stated concerns about the behavior of all elected officials.

Michael Stuckly stated concerns about the BKD audit report. He also had the Village Board reviewing packet information provided to them.

Nancy O'Connor thanked Brad Bettenhausen for his thirty-five years of service to the Village. She also stated concerns about police staffing, and the South Street Development.

Christopher Cwik stated his appreciation to the citizens who signed his petitions.

A citizen commended Public Works for their hard work this winter.

Motion was made by Trustee Younker, seconded by Trustee Curran, to consider approving the following Consent Agenda items:

The following Consent Agenda items were read by the Village Clerk:

- A. CONSIDER ADOPTING RESOLUTION NUMBER 2019-R-009 IN SUPPORT OF THE METRA RESOLUTION SUPPORTING A STATE OF ILLINOIS CAPITAL BILL.
- B. CONSIDER REQUEST FROM GOOD SHEPHERD MANOR TO CONDUCT A RAFFLE FROM MARCH 6, 2019 THROUGH APRIL 28, 2019 WITH THE WINNER BEING DRAWN ON APRIL 28, 2019 AT THE ODYSSEY COUNTRY CLUB, 19110 RIDGELAND AVENUE IN TINLEY PARK, IL.

March 5, 2019 | 4

Regular Meeting of the Board of Trustees - Minutes

- C. CONSIDER REQUEST FROM THE TINLEY PARK BULLDOGS TO CONDUCT A TAG DAY ON SATURDAY, MAY 18, 2019 AT CERTAIN INTERSECTIONS IN THE VILLAGE OF TINEY PARK.
- D. CONSIDER REQUEST FROM AMERICAN LEGION RIDERS POST 615 TO CONDUCT A RAFFLE ON MAY 4, 2019 WITH THE WINNER BEING DRAWN THAT DAY AT THE AMERICAN LEGION POST 615, 17423 67TH COURT.
- E. CONSIDER REQUEST FROM AMERICAN LEGION RIDERS POST 615 TO CONDUCT A RAFFLE ON APRIL 7, 2019, WITH THE WINNER BEING DRAWN THAT DAY AT THE AMERICAN LEGION POST 615, 17423 67TH COURT.
- F. PAYMENT OF OUTSTANDING BILLS IN THE AMOUNT OF \$1,389,727.66 AS LISTED ON THE VENDOR BOARD APPROVAL REPORTS DATED FEBRUARY 22, 2019 AND MARCH 1, 2019.

President Vandenberg asked if anyone from the Board would like to remove or discuss any items from the Consent Agenda. No items were removed or discussed. Vote on roll call: Ayes: Younker, Pannitto, Berg, Brady, Glotz, Curran. Nays: None. Absent: None. President Vandenberg declared the motion carried.

Motion was made by Trustee Glotz, seconded by Trustee Younker, to adopt and place on file **ORDINANCE NUMBER 2019-O-010 GRANTING A SPECIAL USE PERMIT FOR A SUBSTANTIAL DEVIATION FROM BREMENTOWNE MALL PLANNED UNIT DEVELOPMENT TO ALLOW FOR EXTERIOR STORAGE OF VEHICLES AND BUSES IN THE FRONT YARD AT THE PROPERTIES LOCATED AT 6800-6820 CENTENNIAL DRIVE.** The Petitioner, CTF Illinois (contract purchaser), is seeking a Substantial Deviation from the Brementowne Mall PUD to permit open storage of vehicles and buses in the front yard at the office center at 6800-6820 Centennial Drive in the B2 PD (Community Shopping, Brementowne Mall PUD) Zoning District. CTF Illinois is a not-for-profit organization that helps to assist people with developmental disabilities and their families. CTF Illinois currently operates at 6775 Prosperi Drive in Tinley Park and will be relocating some of its programs to this new location. The organization's use is permitted as a Vocational Education Facility. However, to assist in its mission, they often use vans and small buses (12-15 person) to transport its students that are kept on-site. The Plan Commission held a Public Hearing on February 21, 2019 and voted 5-0 to unanimously recommend approval of the Special Use for a Substantial Deviation as an exception to the open storage requirements prohibiting open storage in a B-2 district in a front yard with one condition in accordance with plans as reflected in the "Listed Reviewed Plans" and Findings of Fact in the February 21, 2019 Staff Report. President Vandenberg stated that this item was in its final adoption stage and asked if anyone cared to address the Board. No one came forward. Vote on roll call: Ayes: Younker, Pannitto, Berg, Brady, Glotz, Curran. Nays: None. Absent: None. President Vandenberg declared the motion carried.

Motion was made by Trustee Glotz, seconded by Trustee Brady, to adopt and place on file **ORDINANCE NUMBER 2019-O-011 GRANTING DEREK TUCKER OF ANYTIME FITNESS, A SPECIAL USE PERMIT FOR A COMMERCIAL INDOOR RECREATION USE GREATER THAN 3,500 SQUARE FEET IN FLOOR SPACE AT 17823 80TH AVENUE.**

March 5, 2019 | 5

Regular Meeting of the Board of Trustees - Minutes

The Petitioner, Derek Tucker of Anytime Fitness, is seeking a Special Use Permit to allow a fitness center at 17823 80th Avenue in the B1 (Neighborhood Shopping) Zoning District. Anytime Fitness is a chain of fitness clubs that focus on availability to its members 24-hours a day, 365 days a year. There are currently 4,200 worldwide locations including Orland Park, Oak Forest, and Frankfort. Anytime Fitness would occupy the approximately 6,000 square foot former Sanfratello's Pizza (closed in 2015) in a shopping center struggling with many vacancies. The Plan Commission held a Public Hearing on February 21, 2019 and voted 5-0 to unanimously recommend the Special Use in accordance with plans as reflected in the "Listed Reviewed Plans" and Findings of Fact in the February 21, 2019 Staff Report. President Vandenberg stated that this item was in its final adoption stage and asked if anyone cared to address the Board. No one came forward. Vote on roll call: Ayes: Younker, Pannitto, Brady, Glotz, Curran. Nays: None. Abstain: Berg. Absent: None. President Vandenberg declared the motion carried.

Motion was made by Trustee Younker, seconded by Trustee Glotz, to adopt and place on file **RESOLUTION 2019-R-010 APPROVING A CONTRACT WITH AUSTIN TYLER CONSTRUCTION FOR THE NORTH STREET IMPROVEMENT PROJECT.**

Bids were opened on February 21 for the improvement of North Street from Oak Park Avenue to 173rd Street. The work will consist of installing the master underground utilities for both the "Harmony Plaza" site and the properties identified in the Legacy plan for redevelopment west of Oak Park Avenue. The work will also include the installation of permeable pavers and decorative crosswalks to complement the planned "Harmony Plaza", conduits for the burying of Commonwealth Edison lines, a new water main, and parallel parking in front of Teehans. This is the first phase of work required for the proposed "Harmony Plaza". Bids were as follows:

<u>Contractor</u>	<u>Location</u>	<u>As Read Bid</u>
Austin Tyler Construction, Inc.	Elwood, IL	\$ 1,182,687.00
Iroquois Paving	Watsoka, IL	\$ 1,248,380.50
P.T. Ferro Construction Co.	Joliet, IL	\$ 1,451,355.00
<i>Engineer's Estimate</i>		<i>\$ 1,441,601.00</i>

The bids were reviewed by Robinson Engineering and found to be correct and in order. Consider authorizing the award of the North Street Improvement to Austin Tyler Construction, Inc. in the amount of \$1,182,687. President Vandenberg stated that this item was in its final adoption stage and asked if anyone cared to address the Board. No one came forward. Vote on roll call: Ayes: Younker, Pannitto, Berg, Brady, Glotz, Curran. Nays: None. Absent: None. President Vandenberg declared the motion carried.

Motion was made by Trustee Younker, seconded by Trustee Brady, to adopt and place on file **RESOLUTION 2019-R-011 APPROVING AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) FOR PERMEABLE PAVEMENT FOR THE NORTH STREET IMPROVEMENT PROJECT.** Robinson Engineering was successful in securing a green infrastructure grant for the permeable pavement proposed for the North Street improvement. The MWRD awarded grant funding in the amount of \$200,000 and represents the full amount of the cost of the pavement and the maximum amount of the grant. The total project cost includes master improvement for the public plaza and other properties. The grant requires at least a 50% match and that cost is covered through the related underground utility improvements approved

March 5, 2019 | 6

Regular Meeting of the Board of Trustees - Minutes

in the prior agenda item. The intergovernmental agreement outlines the responsibilities of the parties for the funding. The North Street Improvement project has been reviewed and approved by the MWRD. Consider authorizing the Village President to sign the intergovernmental agreement on behalf of the Village to access the green infrastructure funding in the amount of \$200,000. President Vandenberg stated that this item was in its final adoption stage and asked if anyone cared to address the Board. No one came forward. Vote on roll call: Ayes: Younker, Pannitto, Berg, Brady, Glotz, Curran. Nays: None. Absent: None. President Vandenberg declared the motion carried.

Motion was made by Trustee Berg, seconded by Trustee Curran, to adopt and place on file **RESOLUTION NUMBER 2019-R-012 APPROVING AN ECONOMIC INCENTIVE AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND CUZIN'S ENTERTAINMENT, LLC**. This resolution approves an Oak Park Playbook Grant Code Compliance for Cuzin's Entertainment, LLC . Planned improvements for 17704-17708 Oak Park Avenue will include renovation of the current space and the adjacent unit to create additional dining room seating. The renovation will also add two Americans with Disabilities Act (ADA) compliant bathrooms. The total matching grant will not exceed \$15,000. The Economic Development and Marketing Committee and the Economic and Commercial Commission have discussed and recommended approval of the proposed grant. President Vandenberg stated that this item was in its final adoption stage and asked if anyone cared to address the Board. No one came forward. Vote on roll call: Ayes: Younker, Pannitto, Berg, Brady, Glotz, Curran. Nays: None. Absent: None. President Vandenberg declared the motion carried.

Motion was made by Trustee Berg, seconded by Trustee Younker, to adopt and place on file **RESOLUTION NUMBER 2019-R-013 APPROVING AN ECONOMIC INCENTIVE AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND DR. PETER MARCH (DOWNTOWN TINLEY DENTAL)**. This resolution approves an Oak Park Playbook Sign Grant for Dr. Peter March. Planned improvements for 17859 Oak Park Avenue will include the installation of 12" high cast aluminum letters for "Downtown Tinley Dental" on the west wall facing Oak Park Avenue. The Economic Development and Marketing Committee and the Economic and Commercial Commission have discussed and recommended approval of the proposed grant. President Vandenberg stated that this item was in its final adoption stage and asked if anyone cared to address the Board. No one came forward. Vote on roll call: Ayes: Younker, Pannitto, Berg, Brady, Glotz, Curran. Nays: None. Absent: None. President Vandenberg declared the motion carried.

At this time, President Vandenberg asked if anyone from the Board would care to address the Board.

Trustee Pannitto spoke to the high standard of being a Tinley Park Police Officer and that the hiring of these officers takes time.

Trustee Brady invited all to the St. Patrick's Day Parade that will step off at 1:00 p.m. on Sunday, March 10, 2019.

Trustee Glotz stated that he has parliamentary procedures concerns at a past meeting. He noted that he did his due diligence in regards to the budget. He would like the BKD audit report. He also would like to see a policy created to stop using their personal emails to do Village business.

President Vandenberg spoke to his personal work schedule and his not being in attendance at the

March 5, 2019 | 7

Regular Meeting of the Board of Trustees - Minutes

Village Hall during January did not affect position as Mayor.

Motion was made by Trustee Younker, seconded by Trustee Brady, at 8:46 p.m. to adjourn to Executive Session to discuss the following:

- A. THE APPOINTMENT, EMPLOYMENT, COMPENSATION, DISCIPLINE, PERFORMANCE, OR DISMISSAL OF SPECIFIC EMPLOYEES OF THE PUBLIC BODY OR LEGAL COUNSEL FOR HE EMPLOYEES OF THE PUBLIC BODY OR LEGAL COUNSEL FOR THE PUBLIC BODY, INCLUDING HEARING TESTIMONY ON A COMPLAINT
- B. THE SETTING OF A PRICE FOR SALE OR LEASE OF PROPERTY OWNED BY THE PUBLIC BODY.
- C. COLLECTIVE NEGOTIATING MATTERS BETWEEN THE PUBLIC BODY AND ITS EMPLOYEES OR THEIR REPRESENTATIVES, OR DELIBERATIONS CONCERNING SALARY SCHEDULES FOR ONE OR MORE CLASSES OF EMPLOYEES.
- D. THE PURCHASE OR LEASE OF REAL PROPERTY FOR THE USE OF THE PUBLIC BODY, INCLUDING MEETINGS HELD FOR THE PURPOSE OF DISCUSSING WHETHER A PARTICULAR PARCEL SHOULD BE ACQUIRED.

Vote on roll call: Ayes: Younker, Pannitto, Berg, Brady, Glotz, Curran. Nays: None. Absent: None. President Vandenberg declared the motion carried.

Motion was made by Trustee Pannitto, seconded by Trustee Younker, to adjourn the Executive Session and reconvene the regular Board meeting. Vote by voice call. President Vandenberg declared the motion carried and reconvened the regular Board meeting at 9:56 p.m.

Motion was made by Trustee Younker, seconded by Trustee Brady, to adjourn the regular Board meeting. Vote by voice call. President Vandenberg declared the motion carried and adjourned the regular Board meeting at 9:56 p.m.

PLEASE NOTE: Where there is no summary of discussion on any items in the minutes, this reflects that no discussion occurred other than the introduction of the item.

March 5, 2019 | 8

Regular Meeting of the Board of Trustees - Minutes

APPROVED:

Village President

ATTEST:

Village Clerk

DRAFT

**RECEIVE PRESENTATION OF
A DONATION OF A USED
POLICE CAR TO SPECIAL
OLYMPICS FROM THE
VILLAGE OF TINLEY PARK**

Trustee Brady

TINLEY PARK



PROCLAMATION

RECOGNIZING APRIL 13, 2019 AS "RACING BETTENHAUSEN DAY" IN THE VILLAGE OF TINLEY PARK

WHEREAS, on Saturday April 13, 2019, the American Racing Memorial Association (ARMA) will honor the racing Bettenhausen Family with the installation of a race-themed historic marker at the Tony Bettenhausen Recreation Center, 8125 171st Street, in Tinley Park; and

WHEREAS, Christian Bettenhausen and his family immigrated to Orland Township from Koenigswald, Germany in 1854. His son Christian Henry Bettenhausen and his wife Amelia settled on a 240-acre farm in the Orland Township portion of present day Tinley Park, to raise their family. That farm is now home to the Tinley Park Park District's Tony Bettenhausen Recreation Center; and

WHEREAS, Melvin Eugene Bettenhausen, better known by his nickname "Tony," was born on the farm in 1916; and

WHEREAS, in 1937 "Tony" married Valerie Rice and they raised four children: Gary, Merle, Susie, and Tony Lee (sometimes known as Tony Jr.) on the family farm and in Tinley Park; and

WHEREAS, "Tony" became interested in automobile racing, prompted in part by his cousins, Charles and Emil Andres, who also established illustrious careers in racing; and

WHEREAS, "Tony" Bettenhausen became the first Bettenhausen family member to enter auto racing, and soon became known as the "Tinley Park Express." He quickly became one of the most popular drivers of his day, and brought worldwide recognition to Tinley Park; and

WHEREAS, he made his rookie start at Indianapolis in 1946 and competed in fourteen Indianapolis 500 races. "Tony" dominated the American Automobile Association (AAA) Championship season in 1951, winning a record eight 100-mile races on dirt tracks. "Tony" was the National Champion in 1951 and 1958; and

WHEREAS, in May of 1961 tragedy struck at the Indianapolis Motor Speedway, as drivers were preparing for racing season, a fiery wreck claimed "Tony's" life during a practice run. As evidence of his renown and popularity, it is said that his funeral procession stretched a length equaling the two and one-half mile track at Indianapolis; and

WHEREAS, the family racing tradition was continued by his sons, Gary, Merle and Tony Lee. Between these four individuals, the family initiated an amazing fifty-one starts in the Indianapolis 500; and

WHEREAS, the American Racing Memorial Association is an outgrowth of the highly successful Indiana Racing Memorial Association, which has placed thirty-seven historic markers across the state of Indiana. The Bettenhausen marker will be the first National American Racing Memorial Association historic marker to be installed; and

WHEREAS, the Bettenhausen name is synonymous with the highest quality of racing and has brought worldwide recognition to Tinley Park through this racing connection; and

NOW, THEREFORE, BE IT RESOLVED, by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, that Saturday April 13, 2019, be designated as "*Racing Bettenhausen Day*" in the Village of Tinley Park, and urge all citizens to join together and congratulate the Bettenhausen Family on their many fine achievements.

APPROVED this 10th Day of April, 2019.

Jacob C. Vandenberg, Village President

ATTEST:

Kristin A. Thirion, Village Clerk

STAFF COMMENT

PUBLIC COMMENT

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-014

**A RESOLUTION AUTHORIZING A LEASE AGREEMENT BETWEEN THE VILLAGE OF
TINLEY PARK AND COMMONWEALTH EDISON FOR A RECREATIONAL PATH SOUTH
OF 179TH STREET TO THE TINLEY PARK PARK DISTRICT DOG PARK**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

RESOLUTION NO. 2019-R-014**A RESOLUTION AUTHORIZING A LEASE AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND COMMONWEALTH EDISON FOR A RECREATIONAL PATH SOUTH OF 179TH STREET TO THE TINLEY PARK DISTRICT DOG PARK**

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered entering into a Lease Agreement with the Commonwealth Edison, a true and correct copy of such Lease Agreement being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "Contract" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Contract.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-014, **“A RESOLUTION AUTHORIZING A LEASE AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND COMMONWEALTH EDISON FOR A RECREATIONAL PATH SOUTH OF 179TH STREET TO THE TINLEY PARK PARK DISTRICT DOG PARK,”** which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK



Interoffice Memo

Date: March 8, 2019

To: Public Works Committee

From: David Niemeyer, Village Manager *DN*

cc: Pat Carr, Assistant Village Manager
Patrick Connelly, Village Attorney
Jennifer Prinz, Village Engineer

Subject: Bike Path/ComEd Lease

Attached please find a draft of a recreational lease between the Village and ComEd. In order to extend the existing multi use recreational path south of 179th Street to the Tinley Park Park District Dog Park, easements across private property need to be acquired in order to accommodate the proposed alignment. Easements have already been obtained from the Park District and Gallagher and Henry. The last easement needed is across the existing Commonwealth Edison property. This lease with Commonwealth Edison will accommodate the north-south section of the path that goes through their property (which has yet to be constructed). Regardless of the timeline for the construction of this path, having the property in place to accommodate this path will help move this project forward.

The Village will pay a one time fee of \$1 and the lease will expire August 31, 2028.

Form Recreation Lease Revised 8/17/15

RECREATIONAL LEASE

_____, 201__

by and between

COMMONWEALTH EDISON COMPANY

and

VILLAGE OF TINLEY PARK

For and including the following described real estate

CONTRACT NUMBER:**R/W Name: PALOS PARK – FRANKFORT R/W****PARCELS: T126-22****SE ¼, SECTION 35, TOWNSHIP 36N, RANGE 12E****OF THE THIRD PRINCIPAL MERIDIAN****COOK COUNTY- ORLAND TWP, ILLINOIS****COMED REGION: SOUTH****PIN: 27-35-400-009-0000****RECREATIONAL LEASE**

THIS RECREATIONAL LEASE (the "Lease") is made as of _____ by and between COMMONWEALTH EDISON COMPANY, an Illinois corporation ("Landlord") and the VILLAGE OF TINLEY PARK ("Tenant") a municipal corporation (hereinafter referred to as "Tenant") whose address is 16250 S. Oak Park Avenue, Tinley Park, IL 60477.

WHEREAS, Landlord is the owner of various parcels of land on or adjacent to the former rights-of-way of the Village of Tinley Park and more fully described on Exhibit A ("Landlord's Property").

NOW THEREFORE, Landlord, for and in consideration of the payment of Rent (as hereinafter defined) by Tenant, and of the covenants, conditions and agreements of Tenant hereinafter set forth, does hereby lease and demise to the Tenant (without warranty of title), and Tenant does hereby lease from Landlord, a portion of Landlord's property located in Cook County, Illinois as shown on Exhibit A attached hereto and made a part hereof (the "Leased Premises"), for the purposes specified in Section 2 below.

1. TERM.

A. The term of this Lease (the "Term") shall begin on September 1, 2018 (the "Commencement Date") and shall terminate on August 31, 2028 unless sooner terminated as provided herein.

B. Subject to the terms and provisions of this Lease, Landlord hereby grants to Tenant one (1) option to renew this Lease on the same terms and conditions (each, a "Renewal Option") for a renewal term of ten (10) years (each, a "Renewal Term"). If Tenant desires to exercise a Renewal Option, it shall notify Landlord in writing no earlier than one (1) year and not later than one hundred eighty (180) days prior to the then current expiration date of the Term (before the operation of the Renewal Option being exercised); and, once exercised, shall operate to extend the Term to end concurrently with the Renewal Term set by the Renewal Option so exercised.

C. Subject to Subsection 1.D. below, such notice shall only be effective if delivered at a time when Tenant is not in default hereunder and when to the knowledge of Tenant, no default, breach, unsatisfied condition or other event has occurred or circumstances exist that constitute or which, with the giving of

notice or the passage of time (including the passage of time during which a default has occurred and has not yet been cured during any applicable grace period) or both, would constitute such a default.

D. In addition to any other inspections of the Leased Premises that Landlord may conduct during the Term of this Lease, during the period between the exercise of a Renewal Option and the start of the associated Renewal Term, Landlord shall review the Leased Premises and determine whether Tenant is in compliance with the terms and conditions of the Lease. Landlord shall notify Tenant in writing if any deficiencies in the performance of Tenant's obligations under the Lease are discovered during such review and any actions needed to correct them. Unless otherwise agreed in writing by Landlord, Tenant shall correct any item on such notice prior to the start of the Renewal Term in question.

E. Prior to the beginning of any Renewal Term, the parties shall execute an amendment to this Lease to memorialize such Renewal Term. If Tenant does not exercise a Renewal Option, such Renewal Option and all subsequent remaining Renewal Options (if any) shall thereupon expire.

2. **PURPOSE.** The Leased Premises shall be used by Tenant solely for the purposes of a Ten (10) foot wide recreational trail for pedestrians and bicyclists ("Tenant's Facilities"), in compliance with all Legal Requirements (as defined in the next sentence) and the terms and provisions of this Lease, and for no other purposes (the "Permitted Use"). For purposes hereof, the term "Legal Requirements" shall mean all present and future laws, rules, orders, ordinances, regulations, statutes, requirements, codes (including the National Electrical Safety Code), executive orders, court orders, rules of common law, and any judicial interpretations thereof, extraordinary as well as ordinary, of all governmental authorities, and all rules, regulations and government orders with respect thereto, and of any applicable fire rating bureau, or other body exercising similar functions, affecting the Leased Premises or the maintenance, use or occupation thereof, or any street, sidewalk or other property comprising a part thereof, regardless of whether imposed by their terms upon Landlord or Tenant, or the use and occupancy thereof by Tenant. Tenant's use of the Leased Premises shall also be and remain subject to Landlord's superior right to use all or any portion of the Leased Premises for its business purposes, including the installation, use and maintenance of any transmission, distribution or communications improvements, fixtures, facilities, machinery, equipment and/or other property owned by Landlord and now or hereafter installed by Landlord on or near the Leased Premises ("Landlord's Facilities").

3. **RENT.**

A. **Base Rent.** Landlord acknowledges its receipt of the payment of "Base Rent", a one-time payment by Tenant in the amount of One and No/100 Dollars (\$1.00) and no other Base Rent shall be assessed during the term of this Lease.

B. **Rent.** For purposes of this Lease, the term "Rent" shall mean the Base Rent, together with all other amounts due and payable by Tenant to Landlord under this Lease.

C. **Payment of Rent.** All Rent due and payable by Tenant under this Lease shall be paid to the following address:

Commonwealth Edison Company
Real Estate Department, 4th Floor
Three Lincoln Center

Oakbrook Terrace, Illinois 60181
Attn: Lease Payment Department

or to such other place as Landlord may from time to time designate in writing. All payments due from Tenant hereunder which are not paid when due shall bear interest at a rate equal to ten percent (10%) per annum from the date due until paid (the "Default Rate"). Such interest shall be compounded monthly. In addition to, and not in lieu of, the foregoing (and any other rights and remedies to which Landlord is entitled under this Lease), in the event that any payment due from Tenant hereunder is not paid within five (5) business days of the date that the same is due, then a late fee in the amount of ten percent (10%) of the unpaid amount shall be due and payable by Tenant to Landlord. All Rent shall be paid by Tenant without notice or demand, and without any set-off, counterclaim, abatement or deduction whatsoever, in lawful money of the United States by bank check or wire transfer of immediately available funds. Tenant's obligations to pay Rent are independent of each and every covenant contained in this Lease.

E. **Net Lease.** Except as otherwise provided in this Lease, the Rent herein shall be absolutely net to Landlord, so that this Lease shall yield, net to Landlord, the Rent in each year during the Term of this Lease and any renewals thereof, and that all costs, expenses and obligations of every kind and nature whatsoever, relating to the Leased Premises which may arise or become due during the Term of this Lease or any renewal or extension thereof, or as a result of Tenant's use or occupancy of the Leased Premises, shall be paid by Tenant, and Tenant agrees to indemnify, defend (with counsel acceptable to Landlord) and hold harmless Landlord from all such costs, expenses and obligations.

4. **TAXES.** Tenant shall pay the following amounts as "Taxes" to Landlord in each case no later than thirty (30) days after Landlord's written demand therefor:

A Tenant's proportionate share of the land component of all real estate taxes for each tax parcel of which the Leased Premises is a part for all periods falling within the Term, which proportionate share shall be calculated as follows: (i) the total land component of each tax bill for each such real estate tax parcel which includes any portion of the Leased Premises, multiplied by (ii) a fraction, the numerator of which shall be the acreage of the portion of such tax parcel which falls within the Leased Premises, and the denominator of which shall be the total acreage of such tax parcel; plus

B All real estate taxes and other assessments which are allocable to any improvements, structures or fixtures constructed, installed, or placed by Tenant at the Leased Premises for all periods falling within the Term, plus

C Any increase in the real estate taxes and other assessments payable with respect to the Leased Premises (or any tax parcel of which the Leased Premises is a part) which is allocable to this Lease, Tenant's use or occupancy of the Leased Premises, or any improvements, structures or fixtures constructed, installed or placed by Tenant at the Leased Premises (but without duplication of any amount payable pursuant to clause (B) above), for all periods falling within the Term; plus

D For purposes of this Lease, Taxes "for" or "with respect to" any particular period (or portion thereof) shall mean the Taxes which are payable during the calendar year in which any portion of such period falls, irrespective of the fact that such Taxes may have accrued with respect to a different period.

D Tenant hereby covenants and agrees that Tenant shall, no later than the Tax Exemption Date (as hereinafter defined), at Tenant's sole cost and expense, execute and deliver all documents, instruments petitions and applications, and take all other actions which may be reasonably necessary and/or appropriate, in order to cause the Leased Premises to be exempted from the payment of real estate taxes, to the extent that it is possible without the transfer of any ownership or change in the property owner name in

the records of the applicable taxing jurisdiction, under applicable Legal Requirements. Concurrently with the delivery of any such documents, instruments, petitions and applications, Tenant shall furnish Landlord with copies thereof. In the event that Tenant is successful in obtaining any such real estate tax exemption for the Leased Premises, then Tenant shall thereafter cause such real estate tax exemption to be continued for each tax year (or portion thereof) during which this Lease is in effect (and Tenant shall execute such documents, instruments, petitions and applications, and take such other actions which may be reasonably necessary and/or appropriate, to cause such property tax exemption to be so continued). In the event that Tenant is unsuccessful in obtaining or continuing any such real estate tax exemption with respect to the Leased Premises, then Tenant shall thereafter use commercially reasonable efforts to continue to seek such exemption (or continuance thereof, as applicable) and shall, from time to time if Landlord so requests, take such actions as may be reasonably necessary to apply for such exemption (or continuation); provided however, in no event shall Tenant have any power or authority to change, alter or modify in any way, the tax parcel number, property owner name or mailing address of the Leased Premises in the records of the applicable taxing jurisdiction. For purposes hereof, the term "Tax Exemption Date" shall mean the date that is the earlier of: (i) sixty (60) days after the date of this Lease, or (ii) the deadline for submitting a real estate tax exemption petition or application for the real estate taxes for the year in which this Lease is executed and delivered. Notwithstanding anything contained in this paragraph, to the extent Tenant fails to obtain a tax exemption with respect to the Leased Premises for any reason, Tenant shall pay the Taxes as required above in this Section 4.

5. **CONDITION.** Tenant has examined the Leased Premises and knows its condition. Tenant hereby accepts the condition of the Leased Premises in its **AS-IS, WHERE-IS CONDITION, WITH ALL FAULTS.** No representations or warranties as to the condition, repair or compliance with Legal Requirements thereof, and no agreements to make any alterations, repairs or improvements in or about the Leased Premises have been made by or on behalf of Landlord. By accepting possession of the Leased Premises, Tenant shall be conclusively presumed to have accepted the condition thereof and to have unconditionally waived any and all claims whatsoever related to the condition of the Leased Premises.

6. **MAINTENANCE; SERVICES AND UTILITIES.**

A. Tenant agrees at its sole cost and expense, to keep and maintain the Leased Premises together with the adjacent open grass way area (such open grass way area together with Tenant's Facilities being the "Specified Area") in a clean, safe, neat, sanitary and sightly condition and repair, and commensurate with the conditions existing at the time this Lease is executed to Landlord's satisfaction at all times during the Term hereof. Without limiting the generality of the foregoing, Tenant shall (subject to the terms and provisions of this Lease and all at Tenant's sole cost and expense): (i) perform any and all necessary paving, grading, landscaping, cutting and mowing of grass and weeds (including all Canadian thistles and other noxious weeds and growths at the Leased Premises) and snow and ice removal, and (ii) promptly (and if Landlord provides written notice, no later than three (3) business days after receipt of such notice) remove all litter, garbage and graffiti from, and repair any vandalism (except for vandalism to Landlord's Facilities) to, the Specified Area or any nearby area, including, without limitation, any structure or bridge crossing used for Tenant's Facilities, on or near the Specified Area. Tenant's obligations under this Section 6 are solely those of Tenant and Landlord shall have no responsibility to undertake such obligations or to perform any action required of Tenant hereunder.

B. Landlord shall not be responsible for furnishing or providing any services or utilities to the Leased Premises (or any costs or expenses associated therewith), but rather, Tenant shall be responsible, at Tenant's sole cost and expense, for providing all such services and utilities. Landlord has made no representation, warranty or covenant of any kind regarding the availability (or future availability) of any such utilities and services, and no failure to provide or interruption of any such services or utilities or services shall give rise to any right or remedy in favor of Tenant under this Lease. Landlord may from time

to time, but shall have no obligation to, maintain the Leased Premises in accordance with its customary maintenance program then in effect and Tenant shall have no right to require Landlord to maintain the Leased Premises in any manner.

C. Tenant assumes all of the responsibilities normally identified with the ownership of the Leased Premises, including, but not limited to, responsibility for the condition of the Leased Premises, such as the operation, repair, replacement, maintenance and management of the Leased Premises, including, without limitation, repairs to all buildings, structures, fixtures, equipment and other property thereon; provided, that (except as expressly set forth below) in no event shall Tenant maintain, repair, gain access to or in any way use or operate any of Landlord's Facilities.

7. **SURRENDER OF LEASED PREMISES; RESTORATION.** Tenant agrees that upon termination of the Term of this Lease, whether by expiration or otherwise, Tenant will peaceably quit and surrender the Leased Premises to Landlord, and will, at its sole cost and expense, remove all Tenant's personal property, fixtures, structures and improvements, and will, at Landlord's sole and absolute discretion, restore and regrade the Leased Premises to substantially the same condition the Leased Premises were in on the date hereof (other than any improvements, installations and modifications made by Landlord). This Section shall survive the termination or expiration of the Lease.

8. **COMPLIANCE WITH LAWS; WASTE; OTHER COVENANTS OF TENANT.**

A. **General.** Tenant, at its sole expense, shall comply, and cause the Leased Premises to comply, with all Legal Requirements, Landlord's vegetation management practices and procedures and all of the requirements listed in Exhibits C-1 and C-2 attached to this Lease and made a part hereof. In addition, Tenant covenants and agrees that it will not commit waste, loss or damage to the Leased Premises or any other property of Landlord.

B. **Change in Law.** Tenant acknowledges that Landlord may incur costs as a result of the enactment of new Legal Requirements relating to the Leased Premises, and/or changes in Legal Requirements relating to the Leased Premises. Tenant agrees that any such costs incurred by Landlord for complying with such new or changed Legal Requirements and due in whole or in part to Tenant's use and/or occupancy of the Leased Premises shall be an expense recoverable by Landlord from Tenant. To the extent any such expense paid by Tenant to Landlord is subsequently recovered by or reimbursed to Landlord through insurance or recovery from responsible third parties or other action, Tenant shall be entitled to a proportionate share (as reasonably determined by Landlord) of such recovery or reimbursement.

C. **Notice of Violations.** Tenant shall immediately provide Landlord with written notice: (i) upon Tenant's obtaining knowledge of any potential or known violations of any Legal Requirements relating to the Leased Premises, and/or (ii) of Tenant's receipt of any notice, correspondence, demand or communication of any nature from any governmental authority related to the Leased Premises, including without limitation, any alleged or actual violation of any Legal Requirements or any request for additional information, rejection or confirmation regarding any application for exemption from real estate taxes.

D. **Height and Other Limitations.** No vehicles, equipment or anything else (including, but not limited to, any equipment attached to vehicles or equipment such as antennas, and/or any trees, shrubs or other plants or vegetation planted or installed per Exhibit E at the Leased Premises by Tenant) having a height which exceeds the maximum allowable height under OSHA's height standards in effect from time to time during the Term, shall be driven, moved or transported on the Leased Premises without Landlord's prior written consent. Tenant shall not allow any activity which could result in a wire to ground electrical

contact or damage to towers or poles; such as, flying kites, model airplanes, driving minibikes, go carts and snowmobiles. If Landlord so requests, Tenant will post signs prohibiting such activities.

9. ALTERATIONS.

A. Generally. Tenant shall not make any alterations, installations, improvements, additions or other physical changes (collectively, the "Alterations") in or about the Leased Premises without Landlord's prior written consent in each instance, which consent may be granted or denied by Landlord in its sole and absolute discretion. Any Alterations shall be performed: (i) by Tenant, at Tenant's sole cost and expense (and Landlord shall have no duty or obligation with respect thereto), (ii) pursuant to plans and specifications approved in writing by Landlord (in Landlord's sole discretion), (iii) by contractors and subcontractors approved in writing by Landlord (in Landlord's sole discretion), (iv) in compliance with all Legal Requirements, and (v) in a good and workmanlike manner, free of all liens. Tenant shall, at Tenant's sole cost and expense, obtain any and all permits and approvals necessary for the performance of any Alterations. During the performance of any Alterations, Tenant shall carry, and shall cause its contractors and subcontractors to carry, such insurance as Landlord shall, in its sole discretion, direct. Neither Tenant nor any of Tenant's authorized agents shall, at any time prior to or during the Term, directly or indirectly, employ, or permit the employment of, any contractor, mechanic or laborer in the Leased Premises, or permit any materials to be delivered to or used in the Leased Premises, whether in connection with any Alteration or otherwise, if, in Landlord's sole judgment, such employment, delivery or use will interfere or cause any conflict with other contractors, mechanics or laborers engaged in the construction, maintenance or operation of the Leased Premises (or any other property) by Landlord, Tenant or others, or the use and enjoyment of the Leased Premises by Landlord or other tenants or occupants of the Leased Premises. In the event of such interference or conflict, upon Landlord's request, Tenant shall cause all contractors, mechanics or laborers causing such interference or conflict to leave the Leased Premises immediately. At the sole discretion of Landlord, any proposed Alterations shall be subject to a review fee, the amount of which will be determined by Landlord upon receipt of Tenant's request for consent to such Alterations. Such fee shall be due and payable by Tenant within five (5) days from receipt of notice from Landlord of the amount of such review fee and Landlord shall not be required to consider Tenant's request for Landlord's consent to any Alterations until the review fee for such Alterations is paid.

B. Paving, Filling and Planting. Without limiting the generality of the terms and provisions of Subsection 9.A. above, Tenant acknowledges and confirms that any and all grading, leveling, adding or removing soil and/or paving of the Leased Premises (or any portion thereof), and any and all planting, seeding and similar activities shall constitute "Alterations" for purposes of this Lease, and shall be subject to each and all of the terms and provisions relating thereto. In any event, any and all debris from any Alterations of Tenant shall be promptly removed from the Leased Premises by Tenant. In the event that, in connection with Tenant's Alterations, Tenant elects to fill any low spots on the Leased Premises, only clean fill (defined as not containing debris such as gravel, concrete, tree roots, brick or any contaminants) shall be used prior to the spreading of base fill underlying any paving. No paving or grading work (or similar work) of any kind will be undertaken within a ten (10) foot radius of any tower leg (or similar equipment, improvement or facility) of Landlord. Paving shall be well drained, firm and solid blacktop (or other substance approved in writing by Landlord), and shall be neat and clean in appearance. In addition, and not in lieu of the foregoing, any such grading, leveling, paving, filling and/or planting or seeding of the Leased Premises shall comply with the terms and provisions of Section 12 below and Landlord's vegetation management practices and procedures. Tenant shall not cause or permit the existing ground grade on the Leased Premises to be increased or decreased without Landlord's prior written consent.

C. Drainage. Tenant covenants and agrees that no Alterations made by Tenant pursuant to this Lease shall cause any surface water drainage problems for Landlord or any adjoining landowners. In

the event that any such water drainage problems are caused by Tenant's Alterations, Tenant shall correct such problems immediately at Tenant's sole cost and expense.

D. **Fencing and Barriers.** Tenant covenants and agrees that, in the event that Tenant installs (or is required (by Landlord or otherwise) to install) any fencing and/or gates in connection with Tenant's Alterations at the Leased Premises (or its use or occupancy of the Leased Premises), Tenant will install, maintain and operate such fences and/or gates in strict compliance with the requirements of Exhibits C-1 and C-2, attached hereto and made a part hereof, and any and all other fencing and locking rules, regulations and guidelines which Landlord may deliver to Tenant from time to time prior to or during the Term. Tenant also acknowledges and confirms that, in connection with Landlord's review and/or approval of the plans and specifications for Tenant's Alterations at the Leased Premises (as provided in Subsection 9.A. above), Landlord may require, prior to or at any time during the Term of this Lease, that barriers ("Barriers") be installed on the Leased Premises in order to protect Landlord's Facilities and/or other equipment, improvements and facilities of Landlord and other users and occupants of the Leased Premises. Any such Barriers shall be installed, at Landlord's sole option, either: (i) by Tenant, at Tenant's sole cost and expense, in a manner satisfactory to Landlord, or (ii) by Landlord, in which event Tenant shall pay to Landlord, prior to such installation, Landlord's reasonable estimate of the cost of such installation of the Barriers. Any barriers required to be installed hereunder shall be installed, maintained and operated by Tenant in strict compliance with the requirements of Exhibits C-1 and C-2, attached hereto, and any and all rules, regulations and guidelines regarding barriers which Landlord may deliver to Tenant from time to time prior to or during the Term.

E. **Soil Removal.** Tenant hereby agrees that it will not remove any soil from the Leased Premises without the prior written consent of Landlord. Any soil removed from the Leased Premises to which Landlord consents (as provided in the preceding sentence) shall become the property of Tenant and shall be: (i) transported and disposed of by Tenant (at its sole cost and expense) in a manner approved in writing by Landlord and in compliance with all Legal Requirements, and (ii) promptly replaced by Tenant at its sole cost and expense, with clean soil not contaminated with Hazardous Materials (as defined in Section 15 below).

F. **Third Party Facilities.** Tenant hereby acknowledges that the Leased Premises may be used from time to time to accommodate equipment and facilities of other persons and/or entities (including, without limitation, pipeline and utility companies) which are (or will be) located on, above or below the surface of the Leased Premises. Tenant agrees that it will contact any such persons and/or entities holding rights to use and/or occupy the Leased Premises, and provide the proper protection reasonably required by such persons or entities, in connection with Tenant's use and occupancy of the Leased Premises. Tenant further agrees to furnish Landlord copies of the correspondence between any such persons or entities and Tenant. Tenant agrees that this requirement shall apply to any installations currently located at the Leased Premises and any and all future installations within the Leased Premises.

G. **Supervision.** Landlord shall have the right (but not the obligation) to monitor and observe Tenant's performance of any Alterations at the Leased Premises (or any component thereof) and, in the event that Landlord so elects, Tenant shall reimburse Landlord for any and all costs of such monitoring and observation, together with a charge for Landlord's overhead, as determined by Landlord. In the event that Landlord elects to monitor or observe any such work, in no event shall Landlord be deemed to have approved or made any representation or warranty regarding the same.

H. **Notification.** In addition to and not in lieu of, Tenant's other obligations under this Section 9, Tenant also agrees to notify Landlord's Representative, at Telephone Number 866 340-2841, at least seventy two (72) hours prior to the commencement of any Alterations at the Leased Premises.

10. **INDEMNITY.** To the maximum extent permitted under Legal Requirements, Tenant agrees to protect, indemnify, defend (with counsel acceptable to Landlord) and hold harmless Landlord and Exelon Corporation, a Pennsylvania corporation, and their respective parents, subsidiaries and affiliates, and their respective officers, directors, shareholders, employees, representatives, agents, contractors, licensees, lessees, guests, invitees, successors and assigns (collectively, the "Indemnified Parties") from and against any and all losses, costs, damages, liabilities, expenses (including, without limitation, reasonable attorneys' fees) and/or injuries (including, without limitation, damage to property and/or personal injuries) suffered or incurred by any of the Indemnified Parties (regardless of whether contingent, direct, consequential, liquidated or unliquidated) (collectively, "Losses"), and any and all claims, demands, suits and causes of action brought or raised against any of the Indemnified Parties (collectively, "Claims"), arising out of, resulting from, relating to or connected with: (i) any act or omission of Tenant or its officers, directors, shareholders, employees, representatives, agents, contractors, licensees, lessees, guests, invitees, successors and assigns (collectively, "Tenant Group") at, on or about the Leased Premises, and/or (ii) any breach or violation of this Lease on the part of Tenant, and notwithstanding anything to the contrary in this Lease, such obligation to indemnify, defend and hold harmless the Indemnified Parties shall survive any termination or expiration of this Lease. This indemnification shall include, without limitation, claims made under any workman's compensation law or under any plan for employee's disability and death benefits (including, without limitation, claims and demands that may be asserted by employees, agents, contractors and subcontractors).
11. **WAIVER.** Any entry onto the Leased Premises by Tenant and, to the extent permitted by law, each and every member of the Tenant Group, shall be at such parties' sole risk, and Landlord makes (and has heretofore made) no representations or warranties of any kind whatsoever regarding the Leased Premises or the condition of the Leased Premises (including, without limitation, the environmental condition thereof). To the fullest extent permitted by law, Tenant and each member of the Tenant Group hereby waives any and all claims, demands, suits and causes of action against the Indemnified Parties, and fully and forever releases the Indemnified Parties, for any loss, cost, damage, liability or expense (including, without limitation attorneys' fees) suffered or incurred by Tenant or any member of the Tenant Group in connection with any entry onto the Leased Premises pursuant to this Lease. Without limiting the generality of the foregoing, in no event shall any of the Indemnified Parties be responsible or liable for any loss, damage, destruction, theft or misappropriation of any of the property of Tenant or any member of the Tenant Group. This Section will survive termination or expiration of the Lease.
12. **DIGGING WORK.** If Tenant performs any grading, leveling, digging or excavation work on the Leased Premises (which work shall be subject to Landlord's prior written approval), Tenant will notify J.U.L.I.E. at telephone number (800) 892-0123, C.U.A.N. at (312) 744-7000 if the Leased Premises are located in the City of Chicago, or in the event the Leased Premises are located outside J.U.L.I.E.'s or C.U.A.N.'s jurisdiction, any other services required by the utilities in the jurisdiction, at least seventy-two (72) hours prior to the commencement of such work in order to locate all existing utility lines that may be present on the Leased Premises. If Tenant damages any such underground facilities in the course of its work, Tenant will promptly reimburse Landlord or the owner of such equipment or facilities for any and all expense incurred in repairing or replacing such damage.
13. **CASUALTY.** In the event of any damage to or destruction of the Leased Premises, by fire or other casualty, which materially and adversely affects Tenant's use and enjoyment of the Leased Premises for the purposes specified in this Lease, then either Landlord or Tenant shall have the right, no later than ninety (90) days after such party becomes aware of such damage or destruction, to terminate this Lease upon sixty (60) days' prior written notice to the other. In the event of any damage or destruction which is not so extensive, or in the event that Landlord and Tenant elect not to terminate this Lease pursuant to the preceding sentence, then this Lease shall continue in full force and effect, and Tenant will promptly and diligently, at its sole cost and expense, repair, restore, rebuild and replace the Leased Premises (and all

improvements, fixtures, equipment and property thereat) as nearly as possible to the condition they were in immediately prior to such damage or destruction. Any such work shall be done in a manner satisfactory to Landlord, and in accordance with all Legal Requirements and the terms and provisions of this Lease. Landlord shall not be liable or responsible for any loss or damage caused to any property of Tenant or any member of the Tenant Group (including, without limitation, any such loss or damage caused by fire, vandalism or other casualty) at any time during the Term hereof.

14. **CONDEMNATION.** If the Leased Premises, or a substantial part thereof, or a portion which prevents use of the Leased Premises for the purposes specified herein, shall be taken or condemned by any competent authority for any public use or purpose, the Term shall end on the date when the possession of the part so taken shall be required for such use or purpose, and without apportionment of any condemnation award or proceeds (it being understood that Landlord shall be entitled to the entire amount of any such award or proceeds, and Tenant shall have no right to share therein). Then current Rent shall be apportioned as of the date of such termination.

15. **ENVIRONMENTAL PROTECTION.**

A. **General.** Tenant covenants and agrees that Tenant shall conduct its operations on the Leased Premises in compliance with all applicable Environmental Laws (as hereinafter defined) and further covenants that neither Tenant nor any member of the Tenant Group shall use, bring upon, transport, store, keep or cause or allow the discharge, spill or release (or allow a threatened release) in each case of any Hazardous Materials (as hereinafter defined) in, on, under or from the Leased Premises. Without limiting any other indemnification obligations of Tenant contained herein, Tenant hereby agrees to protect, indemnify, defend (with counsel acceptable to Landlord) and hold harmless the Indemnified Parties from and against any and all Losses and Claims (including, without limitation, (i) reasonable attorneys' fees, (ii) liability to third parties for toxic torts and/or personal injury claims, (iii) fines, penalties and/or assessments levied or raised by any governmental authority or court, and (iv) assessment, remediation and mitigation costs and expenses and natural resource damage claims) arising out of, resulting from or connected with any Hazardous Materials used, brought upon, transported, stored, kept, discharged, spilled or released by Tenant, any member of the Tenant Group or any other person or entity (except for any person or entity which is an Indemnified Party) in, on, under or from the Leased Premises. For purposes of this Lease, the term "Hazardous Materials" shall mean all toxic or hazardous substances, materials or waste, petroleum or petroleum products, petroleum additives or constituents or any other waste, contaminant or pollutant regulated under or for which liability may be imposed by any Environmental Law. For purposes hereof, the term "Environmental Laws" shall mean all federal, provincial, state and local environmental laws, statutes, ordinances, regulations and other requirements (including common law) regulating or imposing standards of care with respect to the handling, storage, use, emitting, discharge, disposal or other release of Hazardous Materials, including, but not limited to, the Resource Conservation and Recovery Act of 1976, 42 U.S.C. §§ 6901 et seq., the Clean Air Act, 42 U.S.C. §§7401, et seq., the Federal Water Pollution Control Act, 33 U.S.C. §§1251, et seq., the Emergency Planning and Community Right to Know Act, 42 U.S.C. §§ 1101, et seq., the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. §§ 9601 et seq., the Toxic Substances Control Act, 15 U.S.C. §§2601, et seq., the Oil Pollution Control Act, 33 U.S.C. §§2701, et seq., any successor statutes to the foregoing, or any other comparable local, state or federal statute or ordinance pertaining to protection of human health, the environment or natural resources, including without limitation the preservation of wetlands, and all regulations pertaining thereto, as well as applicable judicial or administrative decrees, orders or decisions, authorizations or permits.

B. **Wetlands.** If there are wetlands on the Leased Premises, or if wetlands should develop on the Leased Premises during the Term, Tenant shall strictly comply with and observe all applicable Environmental Laws. At Landlord's request, Tenant shall, at Tenant's sole cost, furnish Landlord with a survey of the Leased Premises delineating any wetland areas located on the Leased Premises. Under no circumstances shall Tenant change the physical characteristics of any wetland areas located on the Leased Premises, or any other adjoining land or place any fill material on any portion of the Leased Premises, or any adjoining land, without in each instance obtaining Landlord's prior written consent (which may be granted or withheld in Landlord's sole discretion), and only then in compliance with applicable Environmental Laws.

C. **Notice of Violation/Release.** Tenant shall provide Landlord with prompt written notice upon Tenant's obtaining knowledge of the existence of any Hazardous Materials on, in or under the Leased Premises in violation of Environmental Laws, or of any potential or known release or threat of release of any Hazardous Materials affecting the Leased Premises.

D. **Survival.** This Section shall survive the expiration or other termination or expiration of the Lease.

16. **INSURANCE.** Tenant shall comply with the insurance provisions contained in Exhibit D attached hereto and made a part hereof.

17. **ZONING.** Tenant hereby acknowledges that Landlord has made no representations that the Leased Premises may be used or is properly zoned for the Permitted Use, and Tenant further agrees that it will (at its sole cost and expense) obtain all necessary permits and other approvals prior to undertaking the Permitted Use. Tenant assumes all obligations and responsibilities for compliance with all Legal Requirements including, without limitation, all applicable zoning laws and ordinances, building codes and governmental regulations. This Lease is not preconditioned on Tenant obtaining any zoning or use permits or approval. This Lease does not constitute the authority to seek a zoning change to permit the Permitted Use, and in no event shall Tenant seek or apply for any such zoning change to the Leased Premises without Landlord's prior written consent, which consent may be given or withheld in Landlord's sole and absolute discretion.

18. **NO SIGNS.** Tenant shall not place or permit to be placed by any person or entity (other than Landlord) on the Leased Premises any signs or billboards (including, without limitation, any advertising signs or billboards) without the prior written approval of Landlord, which approval Landlord may give or withhold in Landlord's sole and absolute discretion. Tenant may place signs on the Specified Area without the consent of Landlord relating solely to safety and directional matters involving the Permitted Use. Tenant agrees to place a sign in a visible area within the Specified Area that contains an acknowledgment of Landlord's assistance and cooperation with the Tenant with respect to the Permitted Use, all in a manner and form reasonably acceptable to Landlord.

19. **DAMAGE TO LANDLORD'S FACILITIES.** Tenant agrees that in the event any work done by or on behalf of the Tenant on the Leased Premises causes damage to Landlord's Facilities, Tenant will promptly reimburse Landlord for any and all expense incurred for the repairing or replacement of such damage, within thirty (30) days, after presentation to Tenant of Landlord's statement therefor.

20. **DEFAULT.**

A. The occurrence of any of the following shall be considered a "Default":

(i) Tenant shall at any time fail to make any payment of Rent (or any portion thereof) or any other payments required of Tenant hereunder when required, and such failure continues for a period of more than ten (10) days (without necessity of any notice or demand therefor); or

(ii) Tenant shall breach or violate any of its duties or obligations set forth in Section 7 (Surrender of Leased Premises; Restoration), Section 8 (Compliance with Laws), Section 16 (Insurance), Section 22 (Covenants Against Liens), Section 23 (Assignment and Subletting) or Section 30 (Subordination; Estoppel) of this Lease; or

(iii) Tenant shall at any time be in default of any other covenants and conditions of this Lease to be kept, observed and performed by Tenant, which and such default continues for more than thirty (30) days (or such shorter time period as may specifically be set forth in this Lease) after notice from Landlord; or

(iv) this Lease or Tenant's interest therein, or any interest in Tenant, shall be assigned, transferred, mortgaged or pledged, levied on or attempted to be taken by execution, attachment or other process of law, or if any execution or attachment shall be issued against Tenant, or any of Tenant's property in the Leased Premises shall be taken or occupied or attempted to be taken or occupied by someone other than Tenant; or

(v) a receiver, assignee or trustee shall be appointed for Tenant or Tenant's property or if the Tenant shall file bankruptcy, or if involuntary bankruptcy proceedings shall be filed against Tenant; or

(vi) Landlord shall receive notice of any alleged violation of any Legal Requirements resulting from or in any way connected with Tenant's use of the Leased Premises and such violation is not cured (and all liabilities connected therewith fully satisfied) by Tenant prior to the earlier of (a) the last day of the period permitted by law for curing such violation or (b) the first date Landlord becomes subject to any fine, penalty, lien, judgment, order or other liability due to the continued existence of such violation; or

(vii) Tenant shall abandon the Leased Premises or vacate same during the Term hereof.

B. If a Default occurs, Landlord may do any or all of the following (all of which remedies shall be cumulative and not exclusive, and all of which remedies shall be in addition to, and not in lieu of, any other rights and remedies to which Landlord may be entitled under this Lease, at law or in equity):

(i) At its option, at once, without notice to Tenant or to any other person, terminate this Lease and at its option, require payment in full of the Rent due for the unexpired term of the Lease;

(ii) Enter into the Leased Premises, and remove Tenant's property and effects therefrom, and/or take and hold possession thereof, without such entry and/or possession terminating this Lease or releasing Tenant in whole or in part from Tenant's obligations to pay Rent and perform all its other obligations hereunder for the full Term, and to relet the Leased Premises or any part or parts thereof, either in the name of for the account of Landlord or Tenant, for such Rent and for such term and terms as Landlord may see fit, which term may at Landlord's option extend beyond the balance of the Term of this Lease. Except to the extent required under applicable Legal Requirements, Landlord shall not be required to accept any tenant offered by Tenant or to observe any instructions given by the Tenant about such reletting. In any case, Landlord may make such repairs, alterations and additions in or to the Leased Premises as it sees fit. Tenant shall pay Landlord any deficiency between the Rent hereby reserved and covenanted to be paid and the net amount of the rents collected on such reletting, for the balance of the Term of this Lease, as well

as any expenses incurred by Landlord in such reletting, including, but not limited to attorney's fees, broker fees, the expenses of repairing, altering the Leased Premises, and otherwise preparing the same for re-rental. All such costs, other than the rental, shall be paid by Tenant upon demand by Landlord. Any deficiency in rental amounts shall be paid in monthly installments, upon statements rendered by Landlord to Tenant, unless Landlord has declared the entire Rent for the balance of the Term due, as elsewhere in this Lease provided. Any suit brought to collect the amount of the deficiency for any one or more months' Rent shall not preclude any subsequent suit or suits to collect the deficiency for any subsequent month's Rent;

(iii) Require that upon any termination of this Lease, whether by lapse of time, the exercise of any option by Landlord to terminate the same, or in any other manner whatsoever, or upon any termination of Tenant's right to possession without termination of this Lease, the Tenant shall at once surrender possession of the Leased Premises to the Landlord and immediately vacate the same and remove all effects therefrom, except such as may not be removed under other provisions of this Lease. If Tenant fails to do so, Landlord may forthwith re-enter the Leased Premises, with or without process of law, and repossess itself thereof as in its former estate and expel and remove Tenant and any other persons and property therefrom, using such force as may be necessary without being deemed guilty of trespass, eviction or forcible entry, without thereby waiving Landlord's rights to Rent or any other rights given Landlord under this Lease or at law or in equity;

(iv) Remove, at its option if the Tenant shall not remove all effects from the Leased Premises in this Lease as provided, any or all of such effects in any manner that Landlord shall choose and store the same without liability for loss thereof, and Tenant will pay Landlord, upon demand, any and all expenses incurred in such removal and also storage of said effects for any length of time during which the same shall be in Landlord's possession or in storage, or Landlord may at its option, without notice, sell any or all of said effects in such manner and for such price as the Landlord may deem best and apply the proceeds of such sale upon any amounts due under this Lease from the Tenant to Landlord, including the expenses of removal and sale;

(v) Collect from Tenant any other loss or damage Landlord may sustain by reason of any breach (including, without limitation, the unamortized portion of any brokerage fee or commission paid by or on behalf of Landlord to any broker or finder with respect to this Lease) and any diminished value of the Leased Premises resulting from said breach;

(vi) Enjoin any such breach of this Lease by Tenant; and/or

(vii) Take any and all corrective actions Landlord deems necessary or appropriate to cure the default of Tenant in question and charge the cost thereof to Tenant, together with (i) interest at the Default Rate, and (ii) an administrative charge in an amount equal to ten percent (10%) of the cost of the corrective action to defray part of the administrative expense incurred Landlord in administering such cure, such payment to be made by Tenant upon Landlord's presentment and demand therefor.

C. Except as specifically provided in this Section Tenant expressly waives the service of any notice of intention to terminate this Lease or to terminate Tenant's right of possession of the Leased Premises or to re-enter the Leased Premises and waives the service of any demand for payment of Rent or for possession and waives the service of any and every other notice or demand prescribed by any statute, law or ordinance and agrees that the simple breach of any of the covenants of this Lease (beyond any applicable notice and cure periods) shall, of itself, without the service of any additional notice or demand whatsoever, at Landlord's option, constitute a default on the part of Tenant. No receipt of monies by the Landlord from or for the account of Tenant or from anyone in possession or occupancy of the Leased

Premises after termination in any way of this Lease or after the giving of any notice, shall reinstate, constitute or extend the Term of this Lease or affect any notice given to the Tenant prior to the receipt of such money, it being agreed that after the service of notice of the commencement of a suit, or after final judgment for possession of the Leased Premises, Landlord may receive and collect any Rent or other amounts due Landlord and such payment not waive or affect said notice, said suit, or said judgment.

D. Any and all rights and remedies which Landlord may have under this Lease at law or in equity, shall be cumulative and shall not be deemed inconsistent with each other, and any two or more or all of said rights and remedies may be exercised at the same time or at different times and from time to time.

E. If Landlord is required to incur expense, legal, incidental, or consequential, because of the breach of this Lease by Tenant, the Tenant shall promptly reimburse Landlord for such expense upon being given a written itemization and explanation thereof. In the event of commencing a court action as a result of any breach, it is agreed that such expenses are to be considered a part of the damages claimed in said action and any expense incurred in prosecuting that action shall be included. It is agreed that the term "expenses" as used herein shall include, but not be limited to, attorney's fees, court costs, district justice costs, and any and all other costs and expenses reasonably related to such breach.

F. The failure of Landlord to enforce rights under this Lease on one or numerous occasions shall not affect the Landlord's ability to enforce that right on any subsequent occasion or occasions.

G. Upon the occurrence of a Default or any breach or default under this Lease by Tenant, Tenant shall be liable for and shall reimburse Landlord upon demand for all reasonable attorney's fees and costs incurred by Landlord in enforcing Tenant's obligations under this Lease, whether or not Landlord files legal proceedings in connection therewith.

H. In the event that a Default shall occur and Landlord elects to terminate this Lease, or upon expiration of this Lease, Tenant shall not be relieved of its duties or obligations under this Lease so long as Tenant or any of Tenant's property remains on the Leased Premises. Additionally, any rights and obligations created under or by this Section shall survive termination or expiration of this Lease.

I. In the event of a threatened breach by Tenant of any of the covenants or provisions of this Lease, Landlord shall (without limiting any of Landlord's other rights or remedies hereunder, at law or in equity) have the right to enjoin any such threatened breach.

21. **LIMITATION ON LIABILITY.** It is expressly understood and agreed by Tenant that none of Landlord's covenants, undertakings or agreements continued in this Lease are made or intended as personal covenants, undertakings or agreements by Landlord or any entity which is affiliated with Landlord its parent or subsidiaries. Tenant specifically agrees to look solely to Landlord's interest in the Leased Premises for the recovery of any sums, damages, awards or judgments from Landlord. It is agreed that neither Landlord, nor any entity which is affiliated with Landlord (nor any of their respective parents or subsidiaries, nor any of their respective shareholders, venturers, officers, directors or employees) shall be personally liable for any such sums, damages, awards or judgments. This Section will survive termination or expiration of the Lease.

22. **COVENANTS AGAINST LIENS.** Tenant hereby covenants and agrees that it will not cause or permit any lien (including, without limitation, any mechanic's lien) or claim for lien to be asserted against the Leased Premises or any interest therein, whether such lien or claim for lien results from or arises out of any act or omission of Tenant or any member of the Tenant Group or otherwise. In the event any such lien or claim for lien is filed, Tenant will immediately pay and release the same. In the event such lien or claim

of lien is not released and removed within five (5) days after notice from Landlord, Landlord, at its sole option and in addition to any of its other rights and remedies, may take any and all action necessary to release and remove such lien or claim of lien (it being agreed by Tenant that Landlord shall have no duty to investigate the validity thereof), and Tenant shall promptly upon notice thereof reimburse Landlord for all sums, costs and expenses, including court costs and reasonable attorneys' fees and expenses, incurred by Landlord in connection with such lien or claim of lien. Tenant hereby agrees to indemnify, defend and hold harmless Landlord from and against any and all liens or claims for lien arising out of or in any way connected with Tenant's use and occupancy of the Leased Premises. Any rights and obligations created under or by this Section shall survive termination or expiration of this Lease.

23. **ASSIGNMENT AND SUBLETTING.** Tenant shall not, directly or indirectly, assign, mortgage, pledge, encumber, or otherwise transfer this Lease (or any interest of Tenant herein), whether by operation of law or otherwise, and shall not sublet (or underlet), or permit, or suffer the Leased Premises or any part thereof to be used or occupied by others, without Landlord's prior written consent in each instance, which consent may be granted or denied by Landlord in its sole and absolute discretion. Any assignment, sublease, mortgage, pledge, encumbrance or transfer by Tenant in contravention of the provisions of this Section shall be void. For purposes of this Lease any transfer, directly, indirectly or by operation of law, of a "controlling" interest in Tenant shall constitute an assignment of this Lease, and shall be subject to the terms and provisions of this Section. For purposes hereof, a "controlling" interest in Tenant shall mean: (a) the ownership, directly or indirectly, of a majority of the outstanding voting stock or interests of Tenant, or (b) the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of Tenant, whether through the ownership of voting securities or other ownership interests, by statute, or by contract.

24. **TERMINATION.** Prior to the end of the Term, this Lease may be terminated at any time by either of the parties hereto by giving ninety (90) days prior written notice to the other party of such termination. This Lease may also be terminated by Landlord, if Landlord is required to do so by a regulatory body, by a court of competent jurisdiction or Legal Requirements. In the event this Lease is terminated for any reason, any Rent paid in advance shall be prorated to the effective date of such termination and the unearned portion thereof refunded to Tenant.

25. **LANDLORD'S RIGHTS.** The rights of the Landlord to utilize the Leased Premises in its utility business, at all times, will be and remain paramount to the rights herein granted to Tenant by Landlord and nothing stated herein is to be construed as restricting Landlord from granting rights to other parties or persons in, upon or under the Leased Premises. Without limiting the generality of the foregoing, the parties specifically refer to rights relating to sewers, water pipes and mains, drainage tiles and pipes, gas main and pipelines and other associated uses. In addition, Landlord shall have the right to enter upon the Leased Premises at any time and from time to time during the Term to (a) show the same to prospective tenants, mortgagees and/or purchasers, and to place "For Rent" and/or "For Sale" signs thereon and (b) to conduct any and all vegetation management in, on, or about the Leased Premises in accordance with Landlord's then current vegetation management practices and procedures.

26. **RIGHT OF ENTRY.** Tenant agrees that Landlord and Landlord's agents, representatives, employees, contractors, licensees, invitees, tenants, successors and assigns (collectively, "Landlord Parties"), shall have the right to enter the Leased Premises at any time Landlord deems necessary, to alter, modify, augment, supplement, improve, upgrade, use, operate, repair, replace, install, construct, maintain or protect Landlord's Facilities and to conduct vegetation management activities, including the right to cut down, trim and remove any trees, brush or other vegetation that interferes with or potentially interferes with Landlord's Facilities on the Leased Premises as Landlord deems necessary in its sole discretion. Tenant shall not plant any trees or other vegetation on the Leased Premises without the prior written consent of Landlord which it may withhold in its sole discretion. Landlord has the right to require Tenant to remove

and relocate any paving, improvements or property owned or used by Tenant at the Leased Premises, in connection with the use, operation, maintenance, repair, installation and/or removal of Landlord's Facilities by any Landlord Party, and/or or in connection with any other use (present or future) of the Leased Premises by the Landlord Parties, all of which removal and relocation shall be at Tenant's sole cost and expense. In the event that Tenant fails to remove and/or relocate any such paving, improvements or property upon notice from Landlord, then Landlord shall have the right (but not the obligation) to remove such paving, improvements or property on Tenant's behalf, and at Tenant's cost, and Tenant shall promptly reimburse Landlord for any costs and expenses paid or incurred by Landlord in connection therewith. Tenant agrees that it will cooperate with Landlord in connection with any entry on, and work at, the Leased Premises by the Landlord Parties, and shall coordinate Tenant's use of the Leased Premises with any use of the Leased Premises by any of the Landlord Parties, including but not limited to vegetation management. Landlord shall not in any event be liable for inconvenience, disruption, disturbance, loss of business or other damage to Tenant by reason of any entry on, or work at, the Leased Premises by any Landlord Party, or on account of bringing materials, supplies, and equipment into or through the Leased Premises. Tenant understands that the business of the Landlord involves, among other things, the construction, installation, maintenance, operation, and use of Landlord's Facilities now or which may hereafter be erected or installed upon, along, on, over, across or under the Leased Premises, or property adjacent thereto, which are used or useful in connection with the generation, conversion, transmission or distribution of electricity and gas and communications services. Tenant covenants and agrees (as a specific condition of this Lease) that Tenant and each member of the Tenant Group will not, under any circumstances whatsoever, touch, handle, tamper with or contact, directly or indirectly, any of the Landlord's Facilities, nor damage, destroy, interfere with, obstruct or otherwise adversely affect, Landlord's Facilities.

27. LANDLORD'S RIGHT TO TRANSFER. This Lease shall not in any manner or to any extent limit or restrict the right of Landlord to use or dispose of the Leased Premises as Landlord may in its discretion desire, subject to rights of Tenant hereunder. Landlord shall have the right, without notice to or consent from Tenant, to assign this Lease to any person or entity that succeeds (directly, indirectly or by operation of law) to any of Landlord's right, title or interest in or to the Leased Premises.

28. TENANT'S PROPERTY. It is expressly understood and agreed that all equipment and other personal property that Tenant may install upon the Leased Premises during the Term shall remain the property of Tenant and shall be removed by Tenant (as set forth in Section 7 hereof), at its sole cost and expense, at the expiration of the term of this Lease or at any time prior thereto.

29. HOLDING OVER. Tenant shall have no right to remain in possession of all or any part of the Leased Premises after the expiration of the Term. In the event that Tenant remains in possession of all or any part of the Leased Premises after the expiration or earlier termination of the Term, at Landlord's option (exercised by giving Tenant written notice): (a) such tenancy shall be deemed to be either (at Landlord's sole option) a periodic tenancy from month-to-month only, or a tenancy at sufferance terminable at will by Landlord; (b) such tenancy shall not, unless Landlord otherwise elects (as set forth above), constitute a renewal or extension of this Lease for any further Term; and (c) such tenancy may be terminated by Landlord upon the earlier of thirty (30) days' prior written notice or the earliest date permitted by law. In the event Tenant remains in possession after the expiration or earlier termination of the Term, then: (i) Landlord shall have the right to charge Tenant a monthly Base Rent equal to Landlord's estimate (as determined by Landlord in its sole discretion) of two hundred percent (200%) of the fair market monthly rental value of the Leased Premises, and any other sums due under this Lease shall be payable in the amount and at the times specified in this Lease, and (ii) Tenant agrees to the extent permitted by law to indemnify, defend (with counsel acceptable to Landlord, which acceptance shall not be unreasonably withheld) and hold the Indemnified Parties harmless from and against any and all Losses and Claims sustained, incurred and/or brought against any of the Indemnified Parties by reason of such retention of possession of the Leased Premises (which may include, without limitation, any Claims made by any actual or prospective

subsequent lessee or other user or occupant of the Leased Premises or any portion thereof). Any such month-to-month tenancy or tenancy at sufferance shall be subject to every other term, condition, and covenant contained in this Lease.

30. SUBORDINATION; ESTOPPEL.

A. This Lease and the rights of Tenant hereunder shall be and are hereby made expressly subject and subordinate at all times to the lien of any mortgage now or hereafter existing against all or any portion of the Leased Premises. Tenant acknowledges that its title is and always shall be subordinate to the title of the owner of the Leased Premises and nothing herein contained shall empower Tenant to do any act which can, shall or may encumber the title of the owner of the Leased Premises. In confirmation of such subordination, Tenant shall promptly execute and deliver any instrument that Landlord or any mortgagee of Landlord may request to evidence such subordination no later than ten (10) business days after Landlord's request therefor. If any mortgagee of Landlord (or its successors or assigns), or any other person or entity, shall succeed to the rights of Landlord under this Lease, whether through possession or foreclosure action or delivery of a new lease or deed, then at the request of such party so succeeding to Landlord's rights ("Successor Landlord") and upon Successor Landlord's written agreement to accept Tenant's attornment, Tenant shall attorn to and recognize Successor Landlord as Tenant's Landlord under this Lease, and shall promptly execute and deliver any instrument that Successor Landlord may reasonably request to evidence such attornment. Upon such attornment this Lease shall continue in full force and effect as, or as if it were, a direct lease between Successor Landlord and Tenant upon all of the terms, conditions and covenants as are set forth in this Lease and shall be applicable after such attornment.

B. Tenant agrees, at any time and from time to time, as requested by Landlord, upon not less than ten (10) days' prior notice, to execute and deliver to Landlord a written statement executed and acknowledged by Tenant, (a) stating that this Lease is then in full force and effect and has not been modified (or if modified, setting forth all modifications), (b) setting forth the Base Rent, (c) setting forth the date to which the Rent has been paid, (d) stating whether or not, to the best knowledge of the Tenant, Landlord is in default under this Lease, and if so, setting forth the specific nature of all such default, (e) stating whether there are any subleases affecting the Leased Premises, (f) stating the address of Tenant to which all notices and communication under the Lease shall be sent, and the Commencement Date, and (g) containing any other matters reasonably requested by Landlord. Tenant acknowledges that any statement delivered pursuant to this paragraph may be relied upon by others with whom Landlord may be dealing, including any purchaser or owner of the Leased Premises, or of Landlord's interest in the Leased Premises or any lender or mortgagee of Landlord. If Tenant fails to execute and return such written statement to Landlord within such ten (10) day period, such failure shall constitute Tenant's agreement as to the accuracy of the information contained in the written statement submitted to Tenant by Landlord.

31. MISCELLANEOUS.

A. Illinois Commerce Commission Approval. Landlord and Tenant acknowledge that Landlord is a public utility regulated by the Illinois Commerce Commission ("Commission") and other governmental authorities, and this Lease and the obligations of the parties hereto are subject to all Legal Requirements applicable to Landlord as a public utility. Although it is not expected that the Commission's or other governmental authorities' approval will be required for this Lease, the rights and obligations of the parties hereunder are conditioned upon the Commission's and any other applicable governmental authorities' approval of this Lease, under any circumstances in which such approval is required. It is further agreed and understood that this Lease may be terminated by Landlord immediately at any time in the event that Landlord is required to do so by the Commission or some other governmental authority.

B. **Notices.** Whenever notice is required to be given pursuant to this Lease, the same shall be either personally delivered, sent by a nationally recognized overnight delivery service, postage prepaid, or sent via United States certified mail, return receipt requested, postage prepaid, and addressed to the parties at their respective addresses as follows:

If to Landlord:

Commonwealth Edison Company
Three Lincoln Centre 4th Floor
Oakbrook Terrace, IL 60181
Attn: Real Estate Asset Management

with a copy to:

Exelon Business Services Company, LLC
Law Department
10 South Dearborn Street, 49th Floor
Chicago, Illinois 60603
Attn: Assistant General Counsel – Real Estate

If to Tenant:

Village of Tinley Park
16250 S. Oak Park Avenue
Tinley Park, Illinois 60477
Attn: Village President

or at such other addresses as any party, by written notice in the manner specified above to the other party hereto, may designate from time to time. Unless otherwise specified to the contrary in this Lease, all notices shall be deemed to have been given upon receipt (or refusal of receipt) thereof.

C. **Prohibition on Recording.** To the maximum extent permitted under Legal Requirements, Tenant agrees not to record this Lease. This Section will survive the termination or expiration of this Lease.

D. **Waiver of Jury Trial.** Landlord and Tenant, by this Section, waive trial by jury in any action, proceeding, or counterclaim brought by either of the parties to this Lease against the other on any matters whatsoever arising out of or in any way connected with this Lease, the relationship of Landlord and Tenant, Tenant's use or occupancy of the Leased Premises, or any other claims, and any emergency statutory or any other statutory remedy.

E. **Captions.** The section headings appearing in this Lease are for convenience of reference only and are not intended, to any extent and for any purpose, to limit or define the text of any section or any subsection hereof.

F. **Binding Effect.** The covenants, conditions, and agreements contained in this Lease will bind and inure to the benefit of Landlord and Tenant and their respective heirs, distributees, executors, administrators, successors and permitted assigns. In the event that Tenant is comprised of more than one individual or entity, the obligations of such individuals or entities under this Lease shall be joint and several.

- G. Entire Agreement. This Lease, the exhibits and addenda, if any, contain the entire agreement between Landlord and Tenant regarding the subject matter hereof, and fully supersede all prior written or oral agreements and understandings between the parties pertaining to such subject matter. No promises or representations, except as contained in this Lease, have been made to Tenant respecting the condition or the manner of operating the Leased Premises.
- H. Further Assurances. Each party agrees that it will execute and deliver such other documents and take such other action as may be reasonably requested by the other party to effectuate the purposes and intention of this Lease.
- I. No Waiver. The failure of either party to enforce at any time any provision of this Lease shall not be construed to be a waiver of such provision, nor in any way to affect the validity of this Lease or any part hereof or the right of such party thereafter to enforce each and every such provision. No waiver of any breach of this Lease shall be held to constitute a waiver of any other or subsequent breach.
- J. No Third Party Beneficiaries. Landlord and Tenant agree and acknowledge that, except as expressly set forth herein, there are no intended third party beneficiaries of this Lease nor any of the rights and privileges conferred herein.
- K. Governing Law. The terms and provisions of this Lease shall be governed by and construed in accordance with the laws of the State of Illinois. With respect to any suit, action or proceeding relating to this Lease (each a "Proceeding"), the parties hereto each irrevocably: (a) agree that any such Proceeding shall be commenced, brought, tried, litigated and consummated in the courts of the State of Illinois located in the County of Cook or (as applicable) in the United States District Court for the Northern District of Illinois, (b) submit to the exclusive jurisdiction of the courts of the State of Illinois located in the County of Cook and the United States District Court for the Northern District of Illinois, and (c) waive any objection which they may have at any time to the laying of venue of any Proceeding brought in any court, waive any claim that any Proceeding brought in any such court has been brought in an inconvenient forum, and further waive the right to object, with respect to such Proceeding, that any such court does not have jurisdiction over such party.
- L. Counterparts. This Lease may be executed by the parties in counterparts. Each such counterpart shall be deemed an original and all such counterparts, taken together, shall constitute one and the same agreement.
- M. Subordinate. This Lease, and all of Tenant's rights and interests hereunder, are subject and subordinate to any and all recorded and unrecorded easements, licenses, leases and permits, and all other matters (whether recorded or unrecorded) affecting the Leased Premises (or title thereto) dated prior to the date of this Lease.
- N. Severability. If any term, provision or condition in this Lease shall, to any extent, be invalid or unenforceable, the remainder of this Lease (or the application of such term, provision or condition to persons or circumstances other than in respect of which it is invalid or unenforceable) shall not be affected thereby, and each term, provision and condition of this Lease shall be valid and enforceable to the fullest extent permitted by law.
- O. Time of the Essence. Time is of the essence of this Lease, and each and every term and provision hereof.
- P. No Partnership. None of the terms or provisions of this Lease shall be deemed to create a partnership between or among the parties hereto in their respective businesses or otherwise, nor shall any

of the terms or provisions of this Lease cause them to be considered joint venturers or members of any joint enterprise.

Q. Not an Employee. By signing this Lease, Tenant affirms and states that it is not an employee of Commonwealth Edison Company nor Exelon Corporation, nor any of their respective parents, subsidiaries or affiliates, nor does Tenant have any affiliated interest in any such entities.

R. No Oral Change. This Lease cannot be changed orally or by course of conduct, and no executory agreement, oral agreement or course of conduct shall be effective to waive, change, modify or discharge it in whole or in part unless the same is in writing and is signed by the party against whom enforcement of any waiver, change, modification or discharge is sought.

S. Tenant's Authority. Tenant represents and warrants that it has full right, power and authority to execute and deliver this Lease, and to perform each and all of its duties and obligations hereunder. If Landlord so requests, Tenant shall provide Landlord with reasonable written evidence of such right, power and authority.

T. Termination of Lease Based Upon Change In Law. If any Legal Requirement is enacted or modified during the Term, and such enactment or modification places any additional material burden on Landlord (as determined by Landlord) as a result of Tenant's use or occupancy of the Leased Premises for any purpose, or if the use of the Leased Premises by Tenant would violate any Legal Requirements hereinafter enacted or modified, then (without limiting any other rights or remedies of Landlord hereunder) Landlord shall have the right to terminate this lease effective as of the effective date of such Legal Requirement is so enacted or modified.

U. Negotiated. The parties acknowledge that the parties and their counsel have reviewed and revised this Lease and that the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Lease or any exhibits or amendments hereto.

V. Brokers. Tenant represents and warrants to Landlord that Tenant has dealt with no broker, finder or similar person or entity in connection with this Lease, or Tenant's use or occupancy of the Leased Premises. Tenant agrees to indemnify, defend (with counsel acceptable to Landlord) and hold Landlord harmless from and against any and all Claims and Losses brought against, sustained or incurred by Landlord by reason of Tenant's breach of the foregoing representation and warranty.

W. Tenant's Authority to Act. This Lease shall be executed for and on behalf of the Tenant pursuant to a resolution adopted by the County Board of Tenant, at a regular meeting held _____, 20__, and signed by the officers therein designated as signatories and attested by the clerk of Tenant.

X. Confidentiality. Tenant acknowledges and agrees that the terms and conditions of this Lease, including, without limitation, the Rent, and all other books, records, documents, files and other information, whether computerized, written or oral, pertaining to Landlord, Landlord's affiliates or the Leased Premises which was or shall be provided to Tenant from the negotiations of this Lease throughout the term of the Lease (collectively, "Confidential Information") is nonpublic, confidential or proprietary relating to Landlord, its business operations and the Leases Premises, and that Landlord would be irreparably damaged if Tenant's confidential knowledge of such information were disclosed to or utilized on behalf of any other person, firm, corporation or any other tenant of Landlord. Tenant agrees that any Confidential Information provided to Tenant is, and shall remain, property owned by Landlord, and Tenant shall have no right in or to such information other than to use the Confidential Information for the purposes

set forth in the Lease. Tenant agrees to keep confidential and agrees to cause its respective employees, associates, agents, attorneys and advisors to keep confidential any and all of Confidential Information. **Landlord acknowledges that Tenant is a municipal corporation, and information is permitted to be disclosed at a public meeting but only to the extent law requires such disclosure.**

Y. Additional Requirements. Tenant shall comply the Additional Requirements listed on Exhibit E attached hereto and made a part hereof.

[REMAINDER OF THE PAGE INTENTIONALLY LEFT BLANK]

above. IN WITNESS WHEREOF, Landlord and Tenant have executed this Lease on the date first written

LANDLORD:

COMMONWEALTH EDISON COMPANY

By: _____
Name: Kendall C. Hodge
Its: Director of Real Estate and Facilities

TENANT:

VILLAGE OF TINLEY PARK

By _____
Name: Jacob C. Vandenberg
Title: Village President



ATTEST:

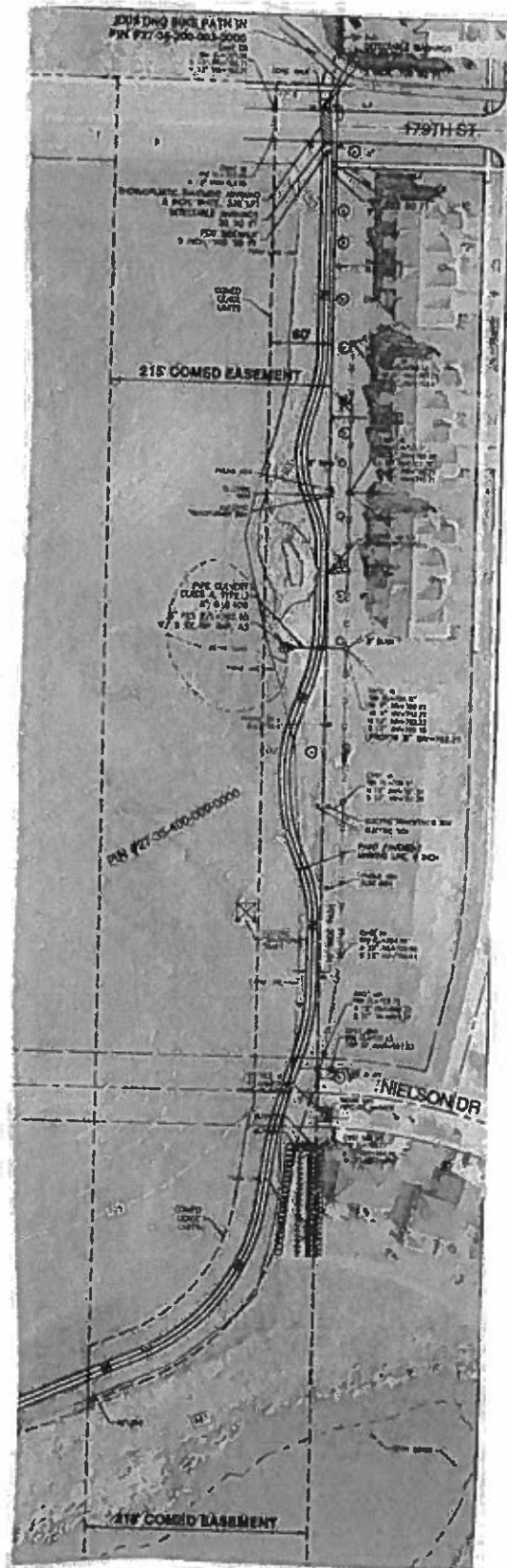
By: _____

EXHIBITS

- A Leased Premises
- B Base Rent Schedule
- C-1 & C-2 Fencing and Barrier Requirements
- D Insurance Requirements
- E Additional Requirements

EXHIBIT A

Leased Premises



PALOS PARK -
 FRANKFORT R/W
 PARCEL: T126-22
 SE 1/4, SEC. 35, TWP 36N, R12E
 PIN # 27-35-400-009-0000
 COOK COUNTY
 ORLAND TWP
 COMED REGION: SOUTH

EXHIBIT B

[Base Rent Schedule]

[Intentionally blank]

EXHIBIT C-1 and C-2
Fencing and Barrier Requirements

6-16-94
C9522
PAGE 1 OF 1

REVISES SPEC. DATED 3-9-81

6-16-94
C9522
PAGE 1 OF 1

LOCKING ARRANGEMENTS
FOR TRANSMISSION RIGHT-OF-WAY GATES & TRANSMISSION LINE TERMINALS

C9522.1
SINGLE LOCK ARRANGEMENT

C9522.2
ARRANGEMENT FOR TWO OR MORE LOCKS

PETITIONER'S LOCK

ITEM	DESCRIPTION	EM	S.I.	UNIT	QUANTITY	
					1	2
A	LOCK, PADLOCK, SHACKLE OPENING 1 1/2 IN. X 3/8 IN. PLATED STEEL	-	716027	EA.	1	1
B	STRAIGHT LINK CHAIN, HOT DIPPED GALVANIZED (1)	-	786756	FT.	3	3

ENGINEERING INFORMATION

1. CHAIN ORDERING DESCRIPTION STRAIGHT LINK CHAIN, TRADE SIZE 5/0. MATERIAL DIAMETER 0.26 IN., LINK WIDTH 0.44 IN. X LINK LENGTH 1.52 IN.

TRANSMISSION RELIABILITY AND STANDARDS

COMMONWEALTH EDISON COMPANY
SYSTEM STANDARD

X T L S C O E
REVISION

ACAD

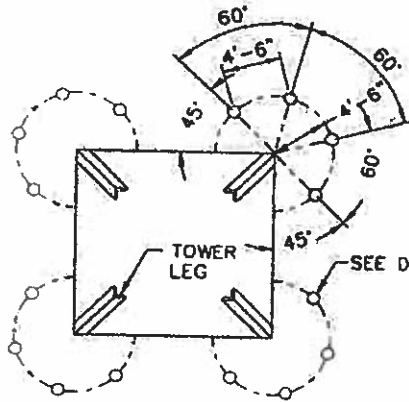
8-1-00
C9520
PAGE 1 OF 7

CONSTRUCTION SPECIFICATION
REVISED SPECIFICATION DATED 1-15-99

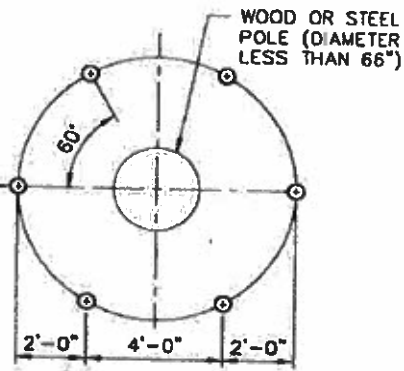
8-1-00
C9520
PAGE 1 OF 7

PROTECTIVE BARRIERS FOR TRANSMISSION STRUCTURES (69KV AND ABOVE)

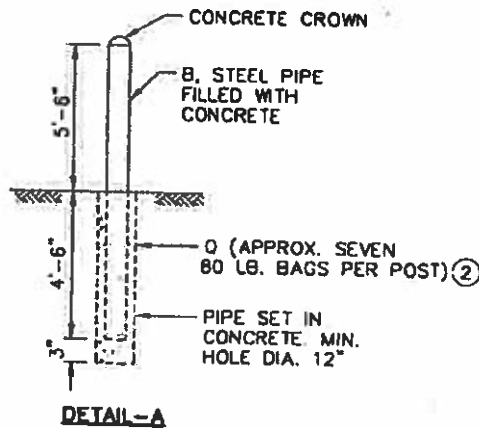
PROTECTIVE BARRIERS FOR TRANSMISSION STRUCTURES
ADJACENT TO PARKING AREAS (USING CONCRETE-FILLED STEEL PIPES)
C9520.1_



PLAN
TYPICAL TOWER LEG PROTECTION
C9520.11



PLAN
TYPICAL WOOD OR STEEL POLE PROTECTION
C9520.12



DETAIL-A

ComEd STANDARD SPECIFICATION

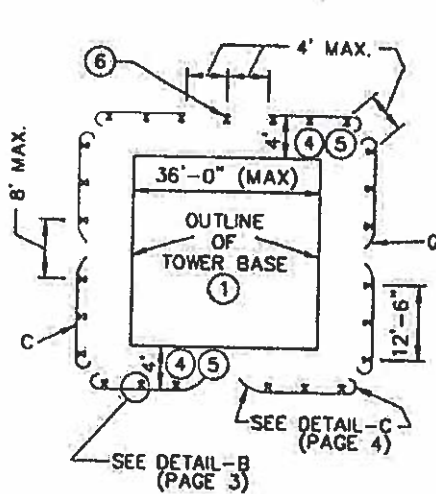
© 1998 Commonwealth Edison
All Rights Reserved

DISTRIBUTION CODE: X **ACAD**

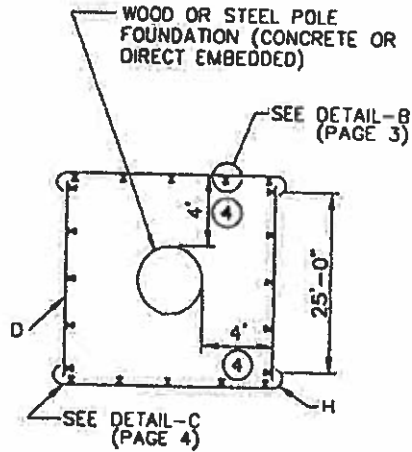
8-1-00
C9520
 PAGE 2 OF 7

8-1-00
C9520
 PAGE 2 OF 7

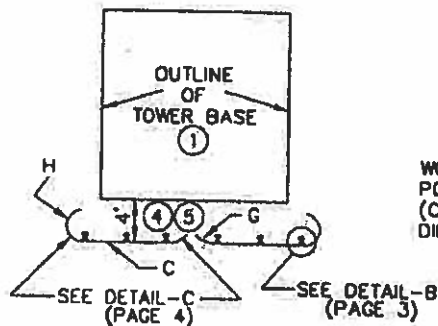
**PROTECTIVE BARRIERS FOR TRANSMISSION STRUCTURES
 NEAR ROADWAYS (USING HIGHWAY GUARDRAIL)
 C9520.2**



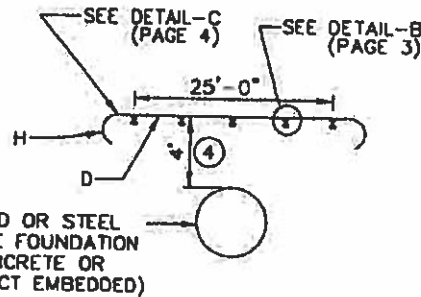
PLAN
 TYPICAL TOWER PROTECTION
 ON ALL SIDES
 C9520.21



PLAN
 TYPICAL POLE PROTECTION
 ON ALL SIDES
 C9520.22



PLAN
 TYPICAL TOWER PROTECTION
 ON ONE SIDE
 C9520.23

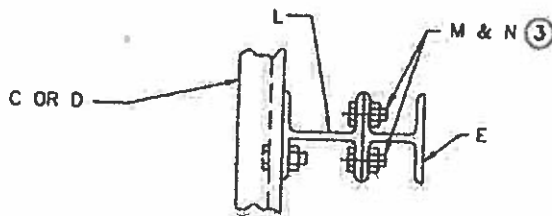


PLAN
 TYPICAL POLE PROTECTION
 ON ONE SIDE
 C9520.24

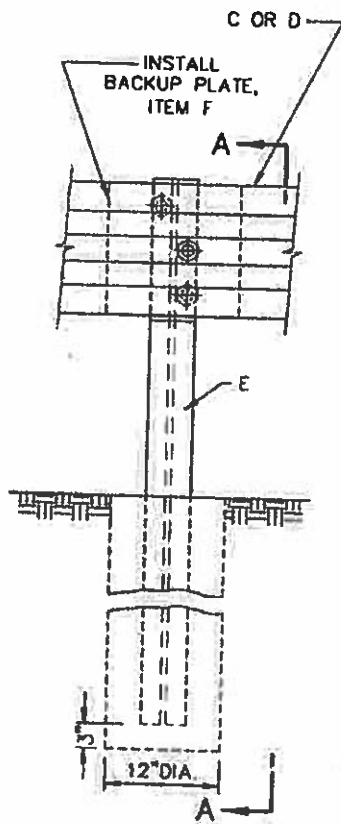
B-1-00
C9520
PAGE 3 OF 7

B-1-00
C9520
PAGE 3 OF 7

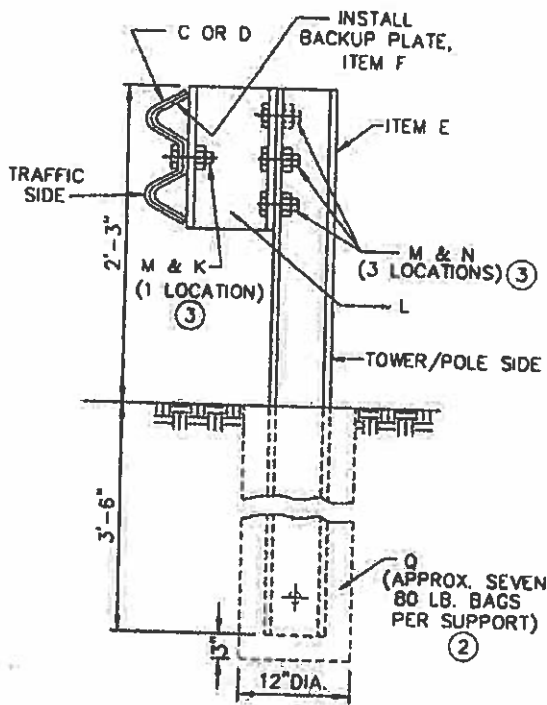
GUARDRAIL SUPPORT DETAILS, C9520.2



DETAIL-B. PLAN



DETAIL-B. ELEVATION



SECTION A-A

ComEd STANDARD SPECIFICATION

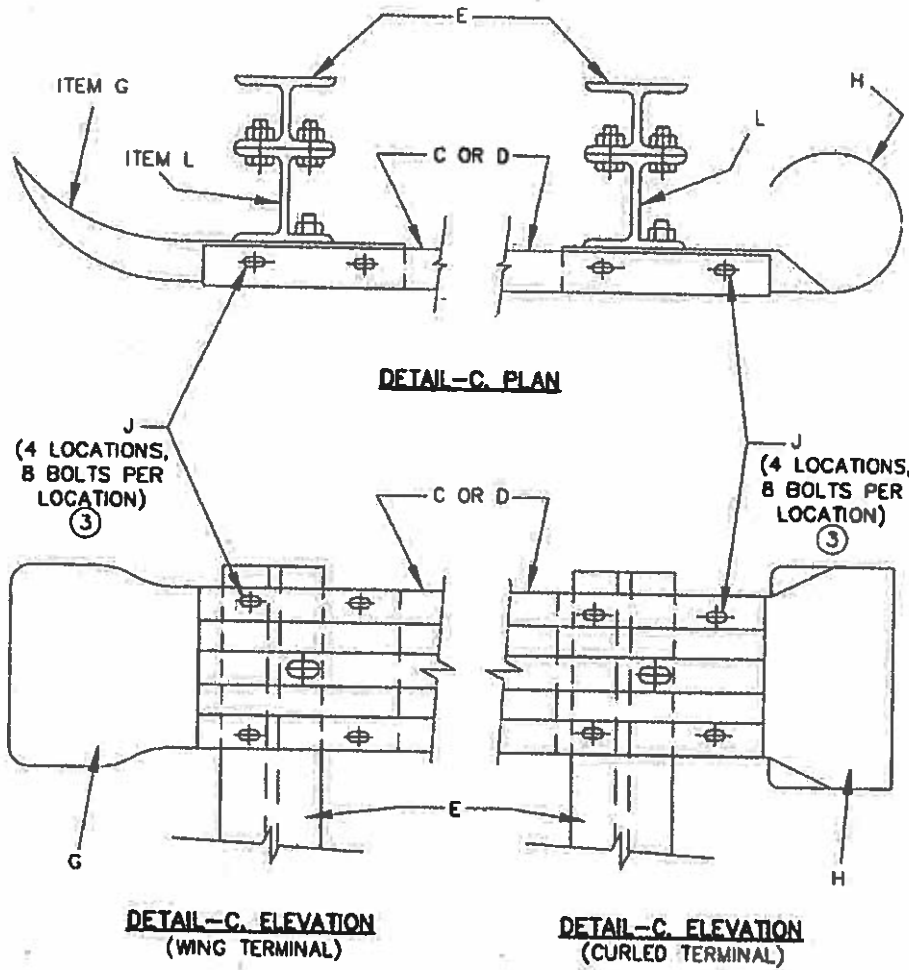
©1998 Commonwealth Edison. All Rights Reserved.

ACAD

B-1-00
C9520
PAGE 4 OF 7

B-1-00
C9520
PAGE 4 OF 7

GUARDRAIL END SUPPORT/TERMINAL SECTION DETAILS, C9520.2



ConEd STANDARD SPECIFICATION

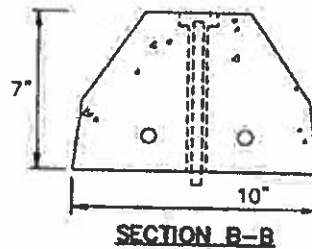
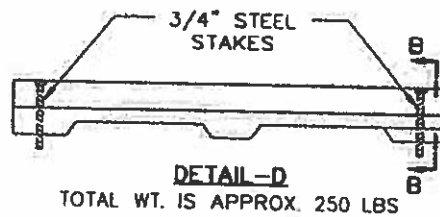
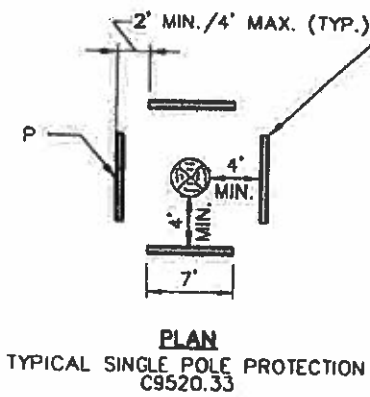
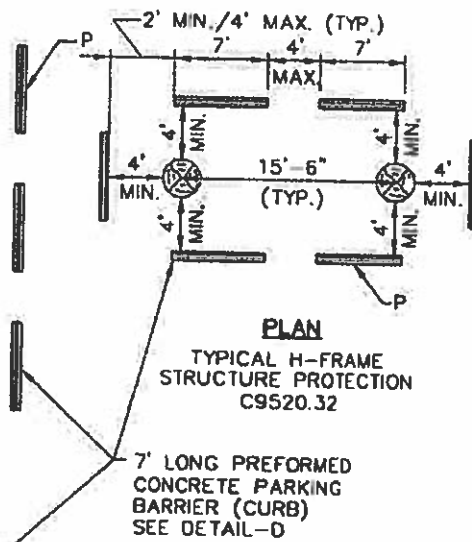
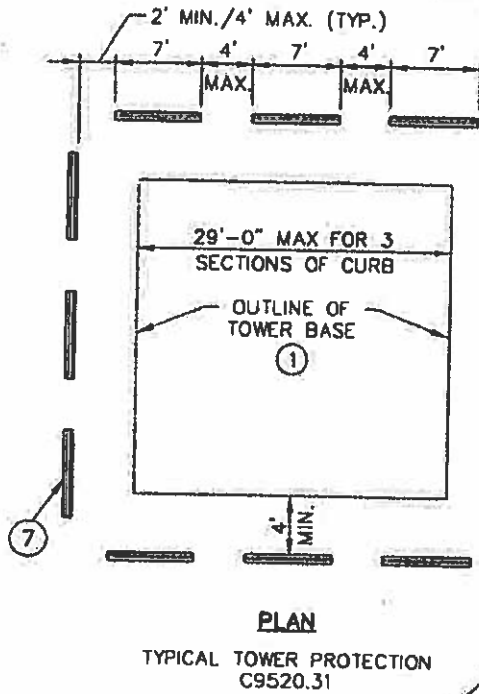
©1998 Commonwealth Edison, All Rights Reserved

ACAD

8-1-00
C9520
PAGE 5 OF 7

8-1-00
C9520
PAGE 5 OF 7

**PROTECTIVE BARRIERS FOR TRANSMISSION STRUCTURES
ADJACENT TO PARKING AREAS (USING PARKING CURBS)
C9520.3**



ConEd STANDARD SPECIFICATION

©1998 ConEdEnergy Group, All Rights Reserved

ACAD

8-1-00
C9520
 PAGE 6 OF 7

8-1-00
C9520
 PAGE 6 OF 7

APPLICATION

- THIS STANDARD SHALL BE USED FOR INSTALLATION OF VEHICLE BARRIERS AROUND TRANSMISSION STRUCTURES AND ILLUSTRATES THE DIFFERENT TYPES OF VEHICLE BARRIERS WHICH MAY BE USED FOR TRANSMISSION STRUCTURE PROTECTION.

INFORMATION

- ① ACTUAL STRUCTURE TYPE, SHAPE & BASE DIMENSIONS MAY VARY. DETAILS WILL BE FURNISHED ON THE PROJECT DRAWINGS WHERE DIFFERENT THAN SHOWN.
- ② ITEM "Q", (S.I.#701129) CAN BE REPLACED WITH 4000 PSI READY-MIX CONCRETE PER EM48003. ONE CONCRETE TRUCK WITH 7 CUBIC YARD CAPACITY IS APPROXIMATELY EQUIVALENT TO 220 BAGS OF S.I.#701129 AFTER ADDING WATER AND MIXING.
- ③ NUTS ON GUARDRAIL BARRIER SHALL BE TIGHTENED WITH A TORQUE WRENCH TO A TORQUE VALUE OF 75 FOOT-POUNDS.
- ④ SPACING OF BARRIERS FROM STRUCTURE OUTLINE AS SHOWN IS MINIMUM AND MAY BE INCREASED WHERE NECESSARY.
- ⑤ THE TOWER PROTECTIVE BARRIER SPACING SHALL BE BASED ON ACTUAL TOWER BASE DIMENSIONS. DETAILS SHOWN ARE APPLICABLE TO A TOWER WITH A MAXIMUM BASE DIMENSION OF 36'-0". ADD ONE UNIT AT EACH SIDE IF THE TOWER BASE DIMENSION EXCEEDS 36'-0".
- ⑥ WHERE THIS DIMENSION CAN BE KEPT AT 4 FEET OR LESS, WITH CORNER OPENING NO MORE THAN 4 FEET. THE INTERMEDIATE POST SHOWN HERE CAN BE ELIMINATED.
- ⑦ NUMBER OF UNITS DEPENDENT ON SIZE OF TOWER BUT SPACES BETWEEN UNITS SHALL NOT EXCEED THE 4 FEET SHOWN, NOR SHALL THE MINIMUM DISTANCE FROM TOWER BE CHANGED. ADD ONE UNIT AT EACH SIDE IF THE TOWER BASE DIMENSION EXCEEDS 25'-0".
- ⑧ THE LOCATIONS OF THE PROTECTIVE BARRIERS WILL BE STAKED BY THE OWNER UNLESS OTHERWISE INDICATED ON THE PROJECT DRAWINGS.
- ⑨ CARE SHALL BE TAKEN TO AVOID DISTURBANCE OF ALL AREAS OUTSIDE OF THE IMMEDIATE WORK AREA. ANY DAMAGE TO PROPERTY SHALL BE IMMEDIATELY REPAIRED. ALL ADJACENT PROPERTY SHALL BE RESTORED TO ITS ORIGINAL CONDITION IMMEDIATELY AFTER THE INSTALLATION OF THE VEHICLE BARRIERS.

Confid STANDARD SPECIFICATION

©1996 Commonwealth Edison,
 All Rights Reserved

ACAD

8-1-00
C9520
 PAGE 7 OF 7

8-1-00
C9520
 PAGE 7 OF 7

ITEM	DESCRIPTION	EM	SI	UNIT	QUANTITY															
					.11	.12	.21	.22	.23	.24	.31	.32	.33							
A																				
B	CONDUIT, RIGID, STEEL, 5 IN. IPS, GALV., 10 FT. LONG.		376232	EA		16	6													
C	GUARD RAIL, BEAM TYPE, 13'-6 1/2" LONG, 10 GAGE STEEL, HOT DIP GALVANIZED (AASHTO M-180).	10220 ITEM 1	386003	EA				8	2											
D	GUARD RAIL, BEAM TYPE, 26'-1 1/2" LONG, 10 GAGE STEEL, HOT DIP GALVANIZED (AASHTO M-180).	10220 ITEM 2	386004	EA					4	1										
E	1 BEAM POST SUPPORT, 4" X 6" X 5'-9" LONG, 9 LBS./FT., A36 CARBON STEEL, HOT DIPPED GALVANIZED WS X 9.	10220 ITEM 3	386005	EA				25	20	6	5									
F	BACKUP PLATE 12 1/4" X 12 1/2" LONG, 10 GAGE STEEL, HOT DIP GALVANIZED.	10220 ITEM 4	386006	EA				8	12	2	3									
G	WING, TERMINAL SECTION, 10 GAGE STEEL, HOT DIP GALVANIZED (AASHTO M-180)	10220 ITEM 5	386007	EA				8		2										
H	CURLED, TERMINAL SECTION, 10 GAGE STEEL, HOT DIP GALVANIZED (AASHTO M-180)	10220 ITEM 6	386008	EA				8	4	2	2									
J	BOLT, CARRIAGE 5/8" DIA. X 1 1/4" LONG, A307 BOLT WITH NUT WASHER, HOT DIPPED GALVANIZED	10220 ITEM 7	386009	EA				128	32	32	16									
K	WASHER 3" X 1 3/4" X 3/16" THICK (8 GAGE WASHER) A36 STEEL HOT DIPPED GALV.	10220 ITEM 8	386011	EA				24	20	6	5									
L	1 BEAM BOLTS W 8 X 10 X 1'-1" LONG, A36 CARBON STEEL, HOT DIPPED GALV., 10# PER FT.	10220 ITEM 9	386010	EA				24	20	6	5									
M	MACHINE BOLTS 5/8" DIA. X 2" LONG A307 BOLT HOT DIPPED GALVANIZED WITH NUT A563	10257	621602	EA				96	80	24	20									
N	5/8" DIA. FLAT WASHER (HOT DIPPED GALVANIZED)	10220 ITEM 11	532666	EA				168	140	42	35									
P	CURB, PARKING, 7 FT. LONG X 7 IN. HIGH X 10 IN. WIDE, W/TWO 3/4" X 18" STEEL STAKES		247982	EA																
Q	MIXTURE, CONCRETE 80 LB. (2)		701129	8C	112	42	175	140	42	35										

ComEd STANDARD SPECIFICATION

REVISION
 ©1998 Commonwealth Edison, All Rights Reserved

ACAD

EXHIBIT D

Insurance Requirements

(current 2/13/2018)

Tenant agrees to require its contractors, before commencing any work on the Leased Premises to purchase and maintain, or at the option of Tenant to itself purchase and maintain, at the cost of Tenant or its contractors, a policy or policies of insurance issued by insurance companies authorized to do business in the State of Illinois, having ratings of A-/VII or better in the Best's Key Rating Insurance Guide (latest edition in effect at the latest date stated in the Certificates of Insurance) and in a form satisfactory to Landlord as follows:

COVERAGE #1

Workers' Compensation Insurance with statutory limits, as required by the state in which the work is to be performed, -and Employers' Liability Insurance with limits not less than One Million dollars (\$1,000,000.00) each accident/occurrence

COVERAGE #2

Commercial General Liability (CGL) Policy or Policies (with coverage consistent with ISO CG 0001 (12 04)) covering all contractors, subcontractors and all their subcontractors with limits not less than Four Million dollars (\$4,000,000.00) per occurrence covering liability for bodily injury and property damage arising from premises, operations, independent contractors, personal injury/advertising injury, blanket contractual liability and products/completed operations for not less than three (3) years from the date the work is accepted. (CGL insurance includes, but is not limited to coverage for claims against Landlord for injuries to employees of Tenant and its contractors or any subcontractors) Landlord shall be added as an Additional Insured providing coverage consistent with ISO Form CG 20 26 11 85 or the combination of ISO Form CG 20 10 10 01 and CG 20 37 10 01.

COVERAGE #3

Automobile Liability in an amount of not less than one million dollars (\$1,000,000) per accident for bodily injury and property damage, covering all owned, leased, rented or non-owned vehicles, which shall include automobile contractual liability coverage.

Policies covering contractors may substitute lower limits for any of the policies listed above, provided that Contractors maintains an umbrella or excess liability policy or policies which provide a total minimum limit of four million dollars (\$4,000,000) per occurrence for general liability and one million dollars

(\$1,000,000) for automobile liability, and that all other requirements of this insurance clause are satisfied by such umbrella or excess policy or policies.

If any work on the Leased Premises involves or includes Contractor handling, transporting, disposing, or performing work or operations with hazardous substances, contaminants, waste, toxic materials, or any potential pollutants, Tenant and/or contractors shall purchase and maintain pollution legal liability applicable to bodily injury; property damage, including loss of use of damaged property or of property that has not been physically injured or destroyed; cleanup costs; and defense, including costs and expenses incurred in the investigation, defense, or settlement of claims; all in connection with any loss arising from the Leased Premises. Coverage shall be maintained in an amount of at least five million dollars (\$5,000,000) per loss and aggregate. Coverage shall apply to sudden and non-sudden pollution conditions resulting from the escape or release of smoke, vapors, fumes, acids, alkalis, toxic chemicals, liquids, or gases, waste materials, or other irritants, contaminants, or pollutants. Landlord shall be included as an additional insured and the policy shall be primary with respect to Landlord as the additional insured.

There shall be furnished to Landlord, prior to commencing the work above described a certificate of insurance showing the issuance of insurance policies pursuant to the requirements contained in Coverages #1, #2, and #3 of this paragraph. Insurance coverage as required herein shall be kept in force until all work has been completed. All policies shall contain a provision that coverages afforded under the policies will not be canceled or material change until at least thirty (30) days prior written notice (ten (10) days in the case of nonpayment of premium) has been given to Landlord.

Insurance coverage provided by Tenant and its contractors shall not include any of the following; any claims made insurance policies; any self-insured retention or deductible amount greater than two hundred fifty thousand dollars (\$250,000) unless approved in writing by Landlord; any endorsement limiting coverage available to Landlord which is otherwise required by this Article; and any policy or endorsement language that (i) negates coverage to Landlord for Landlord's own negligence, (ii) limits the duty to defend Landlord under the policy, (iii) provides coverage to Landlord only if Tenant or its contractors are negligent, (iv) permits recovery of defense costs from any additional insured, or (v) limits the scope of coverage for liability assumed under a contract.

To the extent permitted by applicable Laws, all above-mentioned insurance policies shall provide the following:

- (1) Be primary and non-contributory to any other insurance carried by Landlord
- (2) Contain cross-liability coverage as provided under standard ISO Forms' separation of insureds clause; and
- (3) Provide for a waiver of all rights of subrogation which Tenant's, or its Contractors' insurance carrier might exercise against Landlord; and
- (4) Any Excess or Umbrella liability coverage will not require contribution before it will apply

Landlord hereby reserves the right to amend, correct and change from time-to-time the limits, coverages and forms of polices as may be required from Tenant and/or its contractors.

WAIVER OF SUBROGATION

Tenant and its contractors shall waive all rights of subrogation against Landlord under those policies procured in accordance with this Lease.

EXHIBIT E**Additional Requirements**

Tenant shall adhere to the following requirements:

1. Tenant shall maintain the Leased Premises and Additional Area to be Maintained (which includes the open grass way area) of the Landlord right of way property.
2. Engineering review was completed using plans titled "84th AVE and 179th ST. / BIKE PATH EXTENSION, dated 05/12/2017. If the final path will deviate from the above plans, revised plans must be sent to ComEd Engineering for review and comments.
3. Approval is for a proposed ten (10) foot wide multi-use path route as identified on the above mentioned plans.
4. It should be noted that no plans were provided for the installation of signage, benches, fences, gates, lighting, or vegetation. Therefore, no approval is given for the installation of any signage, benches, fencing, gates, lighting or vegetation. ComEd Engineering must be contacted for written approval of said appurtenances.
5. Prior to and at the completion of the project, the Tenant shall contact ComEd representative Tina Kowalczyk 1+224-244-1826 or Larry Mayhall at 630-995-6256.
6. The Tenant must contact JULIE prior to any excavation.
7. At all bike path R/W access points, the Tenant must post highly visible signs within their lease area indicating that motorized vehicular use of the path is prohibited. Further, the Tenant must take responsibility to ensure that unauthorized motor vehicular use does not occur.
8. The bike path surface for the Tenant's project cannot use aggregate concrete or curbs. A crushed limestone or asphalt surface is acceptable.
9. The Tenant's design includes culverts beneath the path to maintain existing drainage. The maintenance and repair of these culverts is the sole responsibility of the Tenant.
10. Any damage to ComEd's property caused by the Tenant will be repaired at the Tenant's expense.
11. The Tenant cannot place obstructions on ComEd property that will restrict our ability to access, operate and maintain existing and future transmission and distribution facilities.
12. The Tenant's proposed grade as indicated on the approved plans appear appropriate, any material deviations from the plan must be approved by ComEd Engineering, in addition the Tenant must ensure that the existing drainage is not affected; water does not pool on ComEd property or adjacent properties and ensure safety clearances are not violated.
13. The Tenant cannot leave construction equipment and materials on ComEd Property when there is no work activity.
14. When working in the vicinity of ComEd's electric transmission lines during the installation, OSHA requires a minimum of twenty (20) feet working clearance distance must be maintained between the equipment for the Tenant's contractor and ComEd's existing 345,000 volt electric transmission conductors. Under no circumstances should truck beds be raised under the Transmission Lines. This note should be added to any construction drawings.
15. If the Tenant determines a line outage will be required to safety work within the vicinity of the existing Overhead Transmission facilities a minimum of a 16-week prior notifications will be required. The outage dates cannot be guaranteed due to system concerns and/or weather conditions. However, every effort will be made to accommodate the contractors need date. Outages on the Overhead Transmission facilities will not be permitted between the months of May 15 and September 15.
16. The Tenant must be made aware that ComEd does use heavy equipment and cannot be responsible for any damage to the Tenant's facilities that may occur due to ComEd's right to access our property to operate and maintain new and existing transmission and distribution facilities.
17. Upon completion of Tenant's project, the Tenant must remove any equipment, construction debris and material from the Right-of-Way and restore any other disturbed areas of the Right-of-Way to their pre-construction condition.
18. No part of the field or goal structures shall be located within ten (10) feet of any Landlord equipment or facilities.
19. Care must be used when mowing the fields such that no Landlord structures are touched.
20. If lighting and landscaping is required, plans and details must be provided to ComEd for review to ensure safety clearances are not violated.

21. Tenant's facilities on Landlord's property should be designed for HS20 axle loading per AASHTO highway specifications in order to withstand Landlord's construction traffic.
22. Tenant must not excavate and /or store material or construction equipment within 10 feet of the existing metallic and/or wood structures installed on Landlord property. Tenant shall contact the Overhead Transmission Engineering department with any questions concerning this request.
23. Tenant must use care when working on Landlord property to avoid damage to existing facilities and equipment. The owners of the various pipelines and /or owners of underground facilities shall be contacted by the Tenant to provide any restrictions such as grade cover and/ or specific protection and/or restrictions during any penetration and/or disturbing of the Landlord property and surface.
24. There are existing buried hand holes for the LLR fiber in the area. If these hand holes were paved over during the installation of the bike path it poses a maintenance concern. Slack coils exist in the hand holes for emergency restoration purposes. The cable route should be located to verify the newly installed bike path is not over the cable or hand holes. If it is over the hand holes access to those hand holes needs to be addressed by either rerouting the path or other means. This applies to plan se 05-655 and 06-689.
25. Staging and stockpiling of material during construction must not exceed ten (10) feet in elevation above grade. Construction equipment shall not be placed on the upper-most sections of the stockpiles.
26. Tenant must remove all scrub brush, limbs and/or tree trunks from the Leased Premises. Burning of vegetation, scrub brush, limbs and/or tree trunks is not permitted.
27. Tenant must not plant trees within fifteen (15) feet of existing overhead transmission facilities, distribution structures or other Landlord's Facilities.
28. Tenant shall only plant vegetation and /or trees that will not exceed ten (10) feet in elevation at maturity.
29. Landlord reserves the right to trim vegetation and /or trees and remove any vegetation or trees to (i) assure National Electrical Safety Code (NESC) electrical clearances are met (ii) perform maintenance and/or repairs to Landlord's Facilities.
30. The path shall not meander, but it may curve around existing structures and shall maintain fifteen (15) foot spacing from all existing transmission structures.
31. At all path access points, Tenant must post highly visible signs indicating that motorized vehicular use of the path is prohibited. Further, Tenant shall take responsibility to ensure that motorized vehicular use does not occur.
32. The path surface for Tenant's project cannot use aggregate concrete or curbs. A crushed limestone or asphalt surface is acceptable.
33. Tenant's proposed grade change cannot exceed eight (8) inches within the Landlord's property and must ensure that the existing drainage and storm water will not pool on the Leased Premises or adjacent properties.
34. Any damage to Landlord's property caused by Tenant shall be repaired at Tenant's expense.
35. Tenant shall not place obstructions on the Leased Premises that may restrict Landlord's ability to access, operate and maintain existing and future transmission and distribution facilities. Tenant shall not leave trenches open overnight.
36. Due to the presence of Landlord's electrical wires located on the Leased Premises, no vehicles, equipment or anything else having a height more than fourteen (14) feet from grade level including, but not limited to any equipment attached to vehicles or equipment such as antennas, shall be placed, driven, moved or transported thereon. Tenant shall not permit any activity which could result in a wire to ground electrical contact or damage to Landlord's Facilities. Such activities include, but are not limited to flying kites, model airplanes, driving minibikes, go carts and snowmobiles.
37. Tenant shall not leave construction equipment and materials on Leased Premises when there is no work activity actually in progress, including overnight.
38. When working in the vicinity of Landlord's electric distribution/transmission lines during installation, operation, maintenance or otherwise, Tenant shall comply with OSHA requirements of a minimum twenty (20) feet working clearance distance to be maintained between the booms, arms or other parts that can be raised on the equipment of Tenant or Tenant's contractor and Landlord's existing 138,000 and 345,000 volt electric transmission conductors. Under no circumstances shall truck beds be raised underneath Landlord's distribution and /or transmissions lines. This paragraph shall be added to any construction drawings.
39. Tenant acknowledges that the Landlord does use heavy equipment and that Landlord will not be responsible for any damage to the Tenant's facilities that may occur due to the Landlord's right to access Landlord's property to operate and maintain new and existing transmission and distribution facilities.

40. Upon completion of Tenant's project, Tenant must remove any equipment, construction debris and material from Landlord's property and restore any other disturbed areas of the Landlord's property to their pre-construction condition.
41. All applicable environmental permits must be obtained by Tenant at Tenant's sole cost, including, if required, Wetlands and National Pollutant Discharge Elimination System (NPDES) stormwater permits as required under the Clean Water Act as well as any other applicable environmental permits.
42. Tenant shall comply with requirements of all permits, which may include site monitoring, reporting and restoration extending well beyond the construction time period.
43. Tenant shall comply with all applicable regulations including implementation of a Stormwater Pollution Prevention Plan (SWPPP) and a Soil Erosion and Sediment Control Plan (SESC) to minimize sediment pollution in stormwater runoff as well as any other required practices.
44. If the project requires excavation of soil on the Leased Premises, such work shall be performed at Tenant's cost with a contractor selected by Landlord.
45. If the project requires additional soil, only clean fill shall be used.
46. No hazardous materials may be stored on Landlord's property including in any vehicle.
47. Pervious materials shall be used in the construction of any paths on the Leased Premises.
48. A high level summary of the project plans shall be provided by Tenant to Landlord for Landlord's review and approval prior to any construction, including the following:
 - A letter that summarizes the results of Tenant's analysis of what types of environmental permits, plans, and controls are required (e.g., wetlands, SWPPP, SESC, threatened and endangered species impacts, etc.)
 - A copy of any required environmental permits
 - A copy of any environmental reports required by the permits
49. Tenant shall, at its expense, pay for all costs associated with any of the above items (consulting, permitting, cleanup, audit, etc.).
50. Tenant cannot plant or allow any vegetation over 10 feet tall on transmission ROW and under transmission lines.
51. If during ComEd cycle maintenance we find vegetation over 10 feet, ComEd will give Tenant 21 days to mitigate the issue, if after that, ComEd will remove and expect reimbursement for charges.
52. Tenant, at its sole expense, shall comply, and cause the Leased Premises to comply, with all Legal Requirements and ComEd vegetation management practices and procedures in effect from time to time during the Term.

Environmental Services Department (ESD) approves this request from an environmental perspective with the below comments. Note: The items in red must be submitted to ESD for review and approval as indicated. Tenant is responsible for all costs associated with any of the items herein (consulting, permitting, clean-up, etc.).

Lease Requirements

1. The property may be used only for the stated purpose of the installation and public use of a bike path extension, as submitted. Motorized vehicle use of the trail is not permitted. Any changes to the design plans must be submitted to ESD for review and approval.
2. ESD requires signage indicating that the recreational use opportunity is in partnership with ComEd. Tenant may work with the ComEd Communications department to retrieve the proper ComEd logos and/or verbiage.
3. Tenant must assume responsibility for all maintenance of the ROW. This includes keeping the ROW free of garbage, debris, and any third party dumping.
4. No construction debris, soil, fill material, or spoils may be stored on ComEd property.
5. No hazardous materials, including petroleum products, may be used, stored, or transferred on ComEd property. No fueling of lawn mowers or similar maintenance equipment is allowed on ComEd property.
6. Tenant will be held responsible for the clean-up of any spills (oil, antifreeze, fuel, etc.) as this could be a potential source of contamination and future liability for ComEd.
7. In the event of a leak/spill on ComEd property, Tenant must notify ComEd within 24 hours and provide a written report within 5 business days.
8. Tenant is responsible for the maintenance of any onsite stormwater management system at the subject property and will be held responsible for any adverse drainage issues that arise for the duration of the lease. Inlet filters must be placed on all storm sewer manholes on ComEd property and must be properly maintained.

9. Tenant is not permitted to develop the unpaved areas or change the grading of the property in any way other than what was proposed in their request without prior authorization from ESD. This includes activities of adding gravel or other fill-in activities to the surface of ComEd property.
10. A kmz file and associated As-Built survey of the newly installed trail must be submitted to ESD upon completion of this project.

Construction Project Requirements

11. All applicable regulations must be followed including implementation of a Stormwater Pollution Prevention Plan (SWPPP) and a Soil Erosion and Sediment Control Plan (SESC) to minimize sediment pollution in stormwater runoff as well as any other required practices. This SWPPP must be submitted to ESD.
12. All construction equipment and vehicles must be free of leaks, and any leaks of oils or chemicals that occur must be cleaned up and reported to the appropriate agencies as needed.
13. Daily equipment inspections must be conducted to verify proper working condition before equipment use on ComEd property. Written records of equipment inspections must be available to ESD upon request.
14. A spill kit of appropriate size must be present and accessible at all times during construction activities on ComEd property.
15. No demolition, construction, material, or equipment staging is permitted on ComEd-owned property during construction.
16. Any and all drain tiles encountered during construction activities shall be replaced in their entirety within the entire leased area.

Environmental Regulations and Permits

17. All applicable environmental permits must be obtained including Wetlands and NPDES stormwater permits as required under the Clean Water Act, as well as any other applicable environmental permits.
18. Tenant will need to submit a copy of the IEPA-NPDES permit, as well as copies of any other required environmental permits and plans to ESD prior to project start.
19. Requirements of all permits must be followed which could include site monitoring, reporting, and restoration extending well beyond the construction time period.
20. Tenant must follow all applicable environmental laws and regulations including those not specifically mentioned herein.
21. Tenant must follow all federal, state, and local wetlands requirements, including United States Army Corps of Engineers and Cook County regulations and guidelines.

Wetlands Requirements (For ALL Identified and Potential Wetlands)

22. Based on information provided by the Tenant, wetlands exist in the vicinity of the subject property. The Tenant must submit the referenced wetland report and a kmz file of any wetlands delineated on ComEd property to ESD.
23. Due to the proximity of wetlands, ESD requires that environmental oversight of the project and inspections are conducted, at the Tenant's expense, by a contractor that is approved by ESD. Written records of environmental inspections must be available to ESD upon request.
24. ESD recommends the use of timber or composite matting over wetland areas that will be crossed during construction and maintenance activities.
25. Tenant must follow all federal, state, and local wetlands requirements, including United State Army Corps of Engineer and Cook County regulations and guidelines.

Excavation, Spoils and Materials

26. If the project requires removal of soil or waste from ComEd property, this must be removed by a ComEd environmental Contractor of Choice and disposed of in a ComEd approved landfill.
27. If the project requires additional soil, only clean fill shall be used.
28. Environmental sampling is not permitted on ComEd property without written approval and coordination with ESD.
29. Grading of excess spoils is not permitted on ComEd property.

Form Recreation Lease Revised 8/17/15

1. Prairie Restoration Requirements

30. The Tenant is required to restore the entire width of the leased Com Ed ROW to native prairie landscaping; Class 8' standard, using "ComEd Prairie Standardization Plan" (October 2012 FINAL standard attached as reference), with the exception of any land directly adjacent to the path that will be mowed or otherwise maintained for safety or other similar purposes.
31. The Tenant is required to maintain the subject property as a prairie for the term of the lease.
32. Com Ed maintains the right to allowable greenhouse gas credits for the restored prairie on our property.
33. The tenant is required to provide photographs documenting the progress and condition of the prairie restoration annually for the first five years of easement.
34. ComEd requests that the Tenant completes a prairie site assessment using a ComEd environmental Contractor of Choice (COC) every five years to document the quality of the site by a qualified prairie consultant.

2. Condition of Property

35. Tenant must provide documentation of current property conditions before improvements are started (e.g. Phase I, topographic maps, surveys, photographs).
36. Any damage to ComEd's property caused by the Petitioner will be repaired at the Tenant's expense.
37. At lease end, Tenant must provide full restoration of the property to its original condition including seeding, if necessary. ComEd will use historic aerial photographs and other means to determine the original property conditions. However, ComEd has the discretion to allow the property to remain in improved condition.
38. Tenant must provide documentation (including photographs) of the property after completion of the project and after restoration at lease end.

Should ComEd request the additional materials in the future, Tenant must be prepared to provide the following information to Com Ed (please reference Project Code SR 4710762 in any communications with Com Ed):

39. A letter that summarizes the results of their analysis of what types of environmental permits, plans, and controls are required (e.g., wetlands, SWPPP, SESC, endangered species impacts, etc).
40. A copy of the environmental permit applications for the project.
41. A copy of any environmental reports required by the permits.
42. Copies of certificates of clean fill.
43. Daily inspection records.

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-017

**A RESOLUTION APPROVING A SECOND AND FINAL EXTENSION OF THE AWARDED
CONTRACT WITH AQUAMIST PLUMBING AND LAWN SPRINKLING COMPANY FOR
VILLAGE OF TINLEY PARK LAWN IRRIGATION**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

RESOLUTION NO. 2019-R-017**A RESOLUTION APPROVING A SECOND AND FINAL EXTENSION OF THE AWARDED CONTRACT WITH AQUAMIST PLUMBING AND LAWN SPRINKLING COMPANY FOR VILLAGE OF TINLEY PARK LAWN IRRIGATION**

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered entering into a Contract with the Aquamist Plumbing and Lawn Sprinkling Co., a true and correct copy of such Second and Final Extension of the awarded Contract being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "Contract" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Contract.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-017, **“A RESOLUTION APPROVING A SECOND AND FINAL EXTENSION OF THE AWARDED CONTRACT WITH AQUAMIST PLUMBING AND LAWN SPRINKLING COMPANY FOR VILLAGE OF TINLEY PARK LAWN IRRIGATION,”** which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19TH day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK

Memorandum



To: Kevin Workowski, Public Works Director
From: Kelly Mulqueeny, Street Superintendent
Date: February 5, 2019
Subject: Recommend Bid Award: Contract Award Irrigation 2019 renewal extension (3rd and final)

Presented for March 12, 2019 Public Works Committee Meeting for consideration and possible action:

Description: Public Works, in its role of maintaining village-owned properties seeks the services of a capable contractor to do winterization, repairs, and start up to our irrigation system at 3 site locations and 4 facilities locations. The current contract includes pricing for 2 optional contract extensions of 1 year each that may be approved at the sole discretion of the Village. This will be the second extension of the contract. The past two years this contractor has proven to be a professional, reliable contractor with reasonable rates.

Locations:

- LaGrange Rd
- Harlem Avenue
- 171st Medians
- Fire Station #4
- Oak Park Ave Metra Stations
- Village Hall
- Police Station

Background: This service contract was advertised on March 31st 2017 in accordance with state bidding laws; two (2) sealed bids were received. Bids were opened and read publicly on Wednesday, April 25th, 2017 at 2:00 p.m. and received as follows:

<u>Contractor</u>	<u>Location</u>	<u>Bid</u>
Aquamist Plumbing and Lawn Sprinkling Co., Inc	Dalton, IL	\$28,907.00
*Halloran and Yauch	Lake Forest, IL	\$16,970.00

*Does not qualify. Quote did not meet the scope in the bid specifications and bid was incomplete. Bids were reviewed by Village attorneys and a recommendation from a specialist was required.

Budget / Finance: Funding in the amount of \$28,907.00 will be budgeted in the FY20 Budget; Road and Bridge Operating and Maintenance Budget.

Budget Requested	\$30,000.00
Lowest responsible quote	<u>\$28,907.00</u>
Difference -under BUDGET-	\$1,093.00

April 5, 2019

Staff Direction Request:

1. Approve the bid for the FY20 in the amount of \$28,907.00 to Aquamist Plumbing and Lawn Sprinkling.
2. Direct Staff as necessary.

Attachments

1. Renewal request from Aquamist
2. Recommendation letter from Site Design Group
3. Recommendation letter from FRS Design Group LLC

February 8, 2019

Ms. Kelly Mulqueeny

Street Superintendent

Village of Tinley Park

16250 S. Oak Park Ave.

Tinley Park, Illinois 60477



re: **Contract Renewal Recommendation- Irrigation Maintenance 2017**

Dear Kelly,

The Village of Tinley Park 2017 Irrigation Maintenance project was awarded to Aquamist Plumbing and Lawn Sprinkling Co., Inc. (Aquamist) with a contract start date of May 1, 2017. The contract included renewal options for four additional years after year one. The contract was renewed for a second year, which ended on December 31, 2018. site design group, ltd. (site) understands through conversations with Public Works that Aquamist's performance was satisfactory in year two.

Extending the contract will assure irrigation maintenance services continue throughout the 2019 season at the prices provided in the contract. In year three, the bid included a 3% cost escalation over year two bringing the renewal contract amount for year three to \$30,667.44.

site recommends renewing the contract with Aquamist. This extension would be for the third of five possible years of the contract, which would end on December 31, 2019.

Please let us know if you have any questions or concerns.

Sincerely,

Mitch Murdock

Project Manager – site design group, ltd.

CC: RKS / BM/ KM/ TL

site design group, ltd.
888 south michigan avenue #1000
chicago, illinois 60605
tel 312.427.7240 fax 312.427.7241
www.site-design.com



PLUMBING & LAWN SPRINKLING CO., INC.
14526 Chicago Road, Dolton, Illinois 60419
Phone: 708/895-1340 Fax: 708/841-6967
WWW.AQUAMIST.NET

11/14/18

To Kelly Mulqueeny
Village Of Tinley Park
16250 S. Oak Park Ave
Tinley Park IL 60477

We are requesting an extension of the irrigation system maintenance contract of the Village of Tinley park sites for the 2019 season. We have completed the service for 2018 as of 11/13/18.

Thank you,


Julie Tabloff Zito
Vice-President

VILLAGE OF TINLEY PARK**SERVICE CONTRACT**

This contract is by and between the **Village of Tinley Park**, a Illinois home-rule municipal corporation (the "Village"), and **Aquamist Plumbing and Lawn Sprinkling Co., Inc.** (the "Contractor"), for the project or work described in Exhibit A, attached hereto and made a part hereof.

1. In consideration of the compensation stated in paragraph 2, the Contractor shall provide all the services described in the Scope of Services attached hereto as Exhibit "A" and incorporated herein by reference. The express terms of this Contract shall take precedence and control over any term or provision of the Scope of Services (Exhibit A) that in any way conflicts with, differs from, or attempts to alter the terms of this Contract.
2. Except in the event of a duly authorized change order approved by the Village as provided in this Contract, and in consideration of the Contractor's final completion of all work in conformity with this Contract, the Village shall pay the Contractor an amount not to exceed **twenty eight thousand nine hundred and seven and 00/100 Dollars (\$28,907.00)**. Within **seven (7)** calendar days of completion of the work, the Contractor shall submit his application for payment to the Village, and the Village shall pay Contractor for the work performed no later than **thirty (30)** calendar days from the date of the Village's receipt and the Village's approval of the work and the application for payment. No payment shall be made by the Village until the Contractor has submitted to the Village (i) a Contractor's Affidavit listing all subcontractors and material suppliers utilized on the project and (ii) final waivers of lien from the Contractor, all subcontractors and all material suppliers.
3. No changes shall be made, nor will invoices for changes, alterations, modifications, deviations, or extra work or services be recognized or paid except upon the prior written order from authorized personnel of the Village. The Contractor shall not execute change orders on behalf of the Village or otherwise alter the financial scope of the Project.
4. Written change orders may be approved by the Village Manager or his designee provided that the change order does not increase the amount set forth in paragraph 2 of this Contract to more than \$10,000.00. Changes in excess of this amount must be approved by the Village Board prior to commencement of the services or work. **Any request by the Contractor for an increase in the Scope of Services and an increase in the amount listed in paragraph 2 of this Contract shall be made and approved by the Village prior to the Contractor providing such services or the right to payment for such additional services shall be waived.**
5. **Time is of the essence on this Contract.** The Contractor shall complete all work under this Contract by the dates set forth below:
6. No "Notice to Proceed" may be given nor any work commenced until this Contract is fully executed and all exhibits and other attachments are completely filled out and attached hereto.

7. It is understood and agreed by the parties that the Contractor is an independent contractor retained for the above-mentioned purpose. The Village shall not control the manner nor the means of the Contractor's performance, but shall be entitled to a work product as described herein. The term "subcontractor" shall mean and include only those hired by and having a direct contract with Contractor for performance of work on the Project. The Village shall have no responsibility to any subcontractor employed by a Contractor for performance of work on the Project, and all subcontractors and material suppliers shall look exclusively to the Contractor for any payments due. The Village will **not** be responsible for reporting or paying employment taxes or other similar levies that may be required by the United States Internal Revenue Service or other State or Federal agencies. Every subcontractor shall be bound by the terms and provisions of this Contract as far as applicable to their work. The Contractor shall be fully responsible to the Village for the acts and omissions of its subcontractors, and shall ensure that any subcontractors perform in accordance with the requirements of this Contract. Nothing contained herein shall create any contractual or employment relations between any subcontractor and the Village. The Contractor is solely responsible for the safety procedures, programs and methods of its employees and agents and shall hold the Village harmless for any and all damages resulting from violations thereof. The Contractor shall comply with all applicable federal, State and local safety laws and regulations.
8. **It is further agreed that the Contractor shall indemnify, hold harmless, and defend the Village, its officers, agents, and employees from and against any and all claims, losses, damages, causes of action, suits, and liability of every kind, including all expenses of litigation, court costs, and attorneys' fees, for injury to or death of any person or for damage to any property arising out of or in connection with the work done by the Contractor under this Contract. Such indemnity shall apply regardless of whether the claims, losses, damages, causes of action, suits, or liability arise in whole or in part from the negligence of the Village, any other party indemnified hereunder, the Contractor, or any third party.**
9. **The Contractor assumes full responsibility for the work to be performed hereunder and hereby releases, relinquishes, and discharges the Village, its officers, agents, and employees from all claims, demands, and causes of action of every kind and character, including the cost of defense thereof, for any injury to or death of any person and any loss of or damage to any property that is caused by, alleged to be caused by, arising out of, or in connection with the Contractor's work to be performed hereunder. This release shall apply regardless of whether said claims, demands, and causes of action are covered in whole or in part by insurance and regardless of whether such injury, death, loss, or damage was caused in whole or in part by the negligence of the Village, any other party released hereunder, the Contractor, or any third party. The Contractor shall maintain insurance coverage in an amount and from a carrier suitable to the Village, and the Village shall be named as an additional insured where required. Certificates of Insurance are attached hereto as Exhibit B.**
10. The Village is exempt from payment of state and local sales and use of taxes on labor and materials incorporated into the project. If necessary, it is the Contractor's responsibility to obtain a sales tax permit, resale certificate, and exemption certificate that shall enable the Contractor to buy any materials to be incorporated into the project and then resale the aforementioned materials to the Village without paying the tax on the materials at the time of purchase. In no event will the Village be liable for or pay any sales or use taxes incurred by the Contractor in performing the services under this contract.

11. The Contractor shall comply with all applicable federal, state, and local statutes, regulations, ordinances, and other laws, including but not limited to the Immigration Reform and Control Act (IRCA). The Contractor may not knowingly obtain the labor or services of an unauthorized alien. The Contractor, not the Village, must verify eligibility for employment as required by IRCA.
12. At any time, the Village may terminate this Contract for convenience, upon written notice to the Contractor. The Contractor shall cease work immediately upon receipt of such notice. The Contractor shall be compensated for services performed and accepted by the Village up to the date of termination.
13. No waiver or deferral by either party of any term or condition of this Contract shall be deemed or construed to be a waiver or deferral of any other term or condition or subsequent waiver or deferral of the same term or condition.
14. This Contract may only be amended by written instrument approved and executed by the parties.
15. This Contract and the rights and obligations contained herein may not be assigned by the Contractor without the prior written approval of Village.
16. The parties hereby state that they have read and understand the terms of this Contract and hereby agree to the conditions contained herein.
17. This Contract has been made under and shall be governed by the laws of the State of Illinois. The parties agree that performance and all matters related thereto shall be in Cook County, Illinois.
18. Contractor, its employees, associates or subcontractors shall perform all the work hereunder. Contractor agrees that all of its associates, employees, or subcontractors who work on this Project shall be fully qualified and competent to do the work described hereunder. Contractor shall undertake the work and complete it in a timely manner.
19. If any provision of this Contract shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court of competent jurisdiction finds that any provision of this Contract is invalid or unenforceable, but that by limiting such provision it may become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.
20. This Contract represents the entire and integrated agreement between the Village and Contractor and supersedes all prior negotiations, representations, or agreements, either written or oral.
21. This Contract will be effective when signed by the last party whose signing makes the Contract fully executed.

22. The Contractor agrees to comply with the Illinois Prevailing Wage Act, if the work to be performed under this Contract is covered by said Act.

IF THIS IS PREVAILING WAGE WORK:

This contract calls for the construction of a “public work,” within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 *et seq.* (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department’s web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice and record keeping duties.

23. The Contractor agrees to comply with the Illinois Substance Abuse Prevention on Public Works Projects Act.

CERTIFICATIONS BY CONTRACTOR

Eligibility to Contract

The undersigned hereby certifies that the Contractor is not barred from bidding on or entering into this contractor as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Human Rights Act

The undersigned hereby certifies that the Contractor is in compliance with Title 7 of the 1964 Civil Rights Act as amended and the Illinois Human Rights Act as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Drug-Free Workplace Act

The undersigned, **having 25 or more employees**, does hereby certify pursuant to section 3 of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate Regarding Sexual Harassment Policy

The undersigned does hereby certify pursuant to section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Substance Abuse Prevention on Public Works Projects Act

The undersigned hereby certifies that:

- A. There is in place a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635), and has provided a written copy thereof to the Village of Tinley Park.
- B. There is in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635)

(Cross out either A or B depending upon which certification is correct)

Name of Contractor (please print)

Submitted by (signature)

Title

[NAME OF CONTRACTOR]

BY: _____

_____ Date

Printed Name: _____

Title: _____

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Mayor
(required if Contract is \$10,000 or more)

ATTEST:

Village Clerk
(required if Contract is \$10,000 or more)

_____ Date

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Village Manager

Exhibit A

SCOPE OF SERVICES

Exhibit B

INSURANCE REQUIREMENTS

(See Risk Manager for Insurance Requirements)

Memorandum



To: Kevin Workowski, Public Works Director
From: Kelly Mulqueeny, Street Superintendent
Date: February 5, 2019
Subject: Renewal Service Contract Award: 2019 Lawn Treatment Contract

Presented for March 12, 2019 Public Work Committee meeting for consideration and possible action:

Description: The Village of Tinley Park in its role of maintaining village-owned properties seeks the services of a capable Contractor to coordinate and deliver Lawn care treatments of fertilizer and pesticides in the planting beds (37 acres) and lawn areas (207 acres). The current contract includes pricing for 2 optional contract extensions of 1 year each which may be approved at the sole discretion of the Village. This will be the first extension of the contract. The past year this contractor has proven to be a professional, reliable contractor with reasonable rates.

Background: This service contract was advertised on December 10th 2017 in accordance with state bidding laws and received two (2) sealed bids. The Bids were opened and read publicly on Thursday, December 28th 2017, starting at 2:00 PM by the Village Clerk, Site Design Group and Street Superintendent. The following bids were received:

<u>Contractor</u>	<u>Location</u>	<u>BID</u>
TruGreen	Crestwood, IL	\$32,936.00
Eternally Green Lawn Care	Frankfort, IL	\$39,191.00

Budget / Finance: Funding in the amount of \$45,000.00 is available in the FY20 Budget; Road and Bridge, Facilities, Water and CPL Operating and Maintenance Budget.

Budget Available	\$45,000
Lowest responsible bidder	\$32,936
Difference -UNDER BUDGET-	\$12,064

Staff Direction Request:

1. Approve the service contract for the FY20 Lawn Treatment in the amount of \$32,936.00 to TruGreen.
2. Direct Staff as necessary.

Attachment

1. Recommendation letter from Site Design Group.
2. Renewal letter from TruGreen

January 31, 2019

Ms. Kelly Mulqueeny

Street Superintendent

Village of Tinley Park

16250 S. Oak Park Ave.

Tinley Park, Illinois 60477



re: **Village of Tinley Park 2018 Lawn Treatment – Contract Renewal Recommendation**

Dear Kelly:

At this time, we would like to recommend renewal of the 2018 Lawn Treatment contract with the current contractor, TruGreen.

During our routine landscape maintenance inspections which began in June 2018, occasional weed management issues did occur, but TruGreen was always very responsive and addressed outstanding issues as directed by the Village in a timely manner.

TruGreen is interested in continuing their work with the Village, as referenced in their letter dated December 6, 2018. This renewal would be the first of two possible renewal options for the 2018 Lawn Treatment contract. The contract bid amount for this renewal option is \$32,936, as TruGreen did not escalate their bid costs above the initial year.

Please let us know if you have any questions or concerns.

Sincerely,

Mitch Murdock

Project Manager – site design group, ltd.

CC: RKS / BM/ KM

site design group, ltd.
888 south michigan avenue #1000
chicago, illinois 60605
tel 312.427.7240 fax 312.427.7241
www.site-design.com

December 6, 2018

Tinley Park Public Works Department –

TruGreen is inviting you to renew your lawn services for the 2019 lawn care season. Your 2019 program is identical to services provided during 2018. Your 2019 program includes:

- A 1-time herbicide only application for 160 Tinley Park Mowing Areas
- Various lawn services for 16 high-profile village properties

As discussed, you are receiving no price increase.

Thanks

Mark Csernus

Business Development Representative

13520 Kenton Ave

Crestwood, IL 60418

Cell - (708) 359-2245

Fax (708) 396-2793

Markcsernus@trugreenmail.com



VILLAGE OF TINLEY PARK**SERVICE CONTRACT**

This contract is by and between the **Village of Tinley Park**, a Illinois home-rule municipal corporation (the “Village”), and **TruGreen** (the “Contractor”), for the project or work described in Exhibit A, attached hereto and made a part hereof.

1. In consideration of the compensation stated in paragraph 2, the Contractor shall provide all the services described in the Scope of Services attached hereto as Exhibit “A” and incorporated herein by reference. The express terms of this Contract shall take precedence and control over any term or provision of the Scope of Services (Exhibit A) that in any way conflicts with, differs from, or attempts to alter the terms of this Contract.
2. Except in the event of a duly authorized change order approved by the Village as provided in this Contract, and in consideration of the Contractor’s final completion of all work in conformity with this Contract, the Village shall pay the Contractor an amount not to exceed **Thirty two thousand nine hundred and thirty six and 00/100 Dollars (\$32,936.00)**. Within **seven (7)** calendar days of completion of the work, the Contractor shall submit his application for payment to the Village, and the Village shall pay Contractor for the work performed no later than **thirty (30)** calendar days from the date of the Village's receipt and the Village’s approval of the work and the application for payment. No payment shall be made by the Village until the Contractor has submitted to the Village (i) a Contractor’s Affidavit listing all subcontractors and material suppliers utilized on the project and (ii) final waivers of lien from the Contractor, all subcontractors and all material suppliers.
3. No changes shall be made, nor will invoices for changes, alterations, modifications, deviations, or extra work or services be recognized or paid except upon the prior written order from authorized personnel of the Village. The Contractor shall not execute change orders on behalf of the Village or otherwise alter the financial scope of the Project.
4. Written change orders may be approved by the Village Manager or his designee provided that the change order does not increase the amount set forth in paragraph 2 of this Contract to more than \$10,000.00. Changes in excess of this amount must be approved by the Village Board prior to commencement of the services or work. **Any request by the Contractor for an increase in the Scope of Services and an increase in the amount listed in paragraph 2 of this Contract shall be made and approved by the Village prior to the Contractor providing such services or the right to payment for such additional services shall be waived.**
5. **Time is of the essence on this Contract.** The Contractor shall complete all work under this Contract by the dates set forth below:
6. No “Notice to Proceed” may be given nor any work commenced until this Contract is fully executed and all exhibits and other attachments are completely filled out and attached hereto.

7. It is understood and agreed by the parties that the Contractor is an independent contractor retained for the above-mentioned purpose. The Village shall not control the manner nor the means of the Contractor's performance, but shall be entitled to a work product as described herein. The term "subcontractor" shall mean and include only those hired by and having a direct contract with Contractor for performance of work on the Project. The Village shall have no responsibility to any subcontractor employed by a Contractor for performance of work on the Project, and all subcontractors and material suppliers shall look exclusively to the Contractor for any payments due. The Village will **not** be responsible for reporting or paying employment taxes or other similar levies that may be required by the United States Internal Revenue Service or other State or Federal agencies. Every subcontractor shall be bound by the terms and provisions of this Contract as far as applicable to their work. The Contractor shall be fully responsible to the Village for the acts and omissions of its subcontractors, and shall ensure that any subcontractors perform in accordance with the requirements of this Contract. Nothing contained herein shall create any contractual or employment relations between any subcontractor and the Village. The Contractor is solely responsible for the safety procedures, programs and methods of its employees and agents and shall hold the Village harmless for any and all damages resulting from violations thereof. The Contractor shall comply with all applicable federal, State and local safety laws and regulations.
8. **It is further agreed that the Contractor shall indemnify, hold harmless, and defend the Village, its officers, agents, and employees from and against any and all claims, losses, damages, causes of action, suits, and liability of every kind, including all expenses of litigation, court costs, and attorneys' fees, for injury to or death of any person or for damage to any property arising out of or in connection with the work done by the Contractor under this Contract. Such indemnity shall apply regardless of whether the claims, losses, damages, causes of action, suits, or liability arise in whole or in part from the negligence of the Village, any other party indemnified hereunder, the Contractor, or any third party.**
9. **The Contractor assumes full responsibility for the work to be performed hereunder and hereby releases, relinquishes, and discharges the Village, its officers, agents, and employees from all claims, demands, and causes of action of every kind and character, including the cost of defense thereof, for any injury to or death of any person and any loss of or damage to any property that is caused by, alleged to be caused by, arising out of, or in connection with the Contractor's work to be performed hereunder. This release shall apply regardless of whether said claims, demands, and causes of action are covered in whole or in part by insurance and regardless of whether such injury, death, loss, or damage was caused in whole or in part by the negligence of the Village, any other party released hereunder, the Contractor, or any third party. The Contractor shall maintain insurance coverage in an amount and from a carrier suitable to the Village, and the Village shall be named as an additional insured where required. Certificates of Insurance are attached hereto as Exhibit B.**
10. The Village is exempt from payment of state and local sales and use of taxes on labor and materials incorporated into the project. If necessary, it is the Contractor's responsibility to obtain a sales tax permit, resale certificate, and exemption certificate that shall enable the Contractor to buy any materials to be incorporated into the project and then resale the aforementioned materials to the Village without paying the tax on the materials at the time of purchase. In no event will the Village be liable for or pay any sales or use taxes incurred by the Contractor in performing the services under this contract.

11. The Contractor shall comply with all applicable federal, state, and local statutes, regulations, ordinances, and other laws, including but not limited to the Immigration Reform and Control Act (IRCA). The Contractor may not knowingly obtain the labor or services of an unauthorized alien. The Contractor, not the Village, must verify eligibility for employment as required by IRCA.
12. At any time, the Village may terminate this Contract for convenience, upon written notice to the Contractor. The Contractor shall cease work immediately upon receipt of such notice. The Contractor shall be compensated for services performed and accepted by the Village up to the date of termination.
13. No waiver or deferral by either party of any term or condition of this Contract shall be deemed or construed to be a waiver or deferral of any other term or condition or subsequent waiver or deferral of the same term or condition.
14. This Contract may only be amended by written instrument approved and executed by the parties.
15. This Contract and the rights and obligations contained herein may not be assigned by the Contractor without the prior written approval of Village.
16. The parties hereby state that they have read and understand the terms of this Contract and hereby agree to the conditions contained herein.
17. This Contract has been made under and shall be governed by the laws of the State of Illinois. The parties agree that performance and all matters related thereto shall be in Cook County, Illinois.
18. Contractor, its employees, associates or subcontractors shall perform all the work hereunder. Contractor agrees that all of its associates, employees, or subcontractors who work on this Project shall be fully qualified and competent to do the work described hereunder. Contractor shall undertake the work and complete it in a timely manner.
19. If any provision of this Contract shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court of competent jurisdiction finds that any provision of this Contract is invalid or unenforceable, but that by limiting such provision it may become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.
20. This Contract represents the entire and integrated agreement between the Village and Contractor and supersedes all prior negotiations, representations, or agreements, either written or oral.
21. This Contract will be effective when signed by the last party whose signing makes the Contract fully executed.

22. The Contractor agrees to comply with the Illinois Prevailing Wage Act, if the work to be performed under this Contract is covered by said Act.

IF THIS IS PREVAILING WAGE WORK:

This contract calls for the construction of a “public work,” within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 *et seq.* (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department’s web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice and record keeping duties.

23. The Contractor agrees to comply with the Illinois Substance Abuse Prevention on Public Works Projects Act.

CERTIFICATIONS BY CONTRACTOR

Eligibility to Contract

The undersigned hereby certifies that the Contractor is not barred from bidding on or entering into this contractor as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Human Rights Act

The undersigned hereby certifies that the Contractor is in compliance with Title 7 of the 1964 Civil Rights Act as amended and the Illinois Human Rights Act as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Drug-Free Workplace Act

The undersigned, **having 25 or more employees**, does hereby certify pursuant to section 3 of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate Regarding Sexual Harassment Policy

The undersigned does hereby certify pursuant to section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Substance Abuse Prevention on Public Works Projects Act

The undersigned hereby certifies that:

- A. There is in place a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635), and has provided a written copy thereof to the Village of Tinley Park.
- B. There is in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635)

(Cross out either A or B depending upon which certification is correct)

Name of Contractor (please print)

Submitted by (signature)

Title

[NAME OF CONTRACTOR]

BY: _____

_____ Date

Printed Name: _____

Title: _____

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Mayor
(required if Contract is \$10,000 or more)

ATTEST:

Village Clerk
(required if Contract is \$10,000 or more)

_____ Date

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Village Manager

Exhibit A

SCOPE OF SERVICES

Exhibit B

INSURANCE REQUIREMENTS

(See Risk Manager for Insurance Requirements)

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-016

**A RESOLUTION APPROVING THE FIRST EXTENSION OF THE AWARDED CONTRACT
WITH TRUGREEN FOR THE VILLAGE OF TINLEY PARK LAWN CARE PROGRAM**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

RESOLUTION NO. 2019-R-016**A RESOLUTION APPROVING THE FIRST EXTENSION OF THE AWARDED CONTRACT WITH TRUGREEN FOR THE VILLAGE OF TINLEY PARK LAWN CARE PROGRAM**

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered entering into a Contract with the Trugreen, a true and correct copy of such First Extension Contract being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "Contract" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Contract.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
 COUNTY OF COOK) SS
 COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-016, **“A RESOLUTION APPROVING THE FIRST EXTENSION OF THE AWARDED CONTRACT WITH TRUGREEN FOR THE VILLAGE OF TINLEY PARK LAWN CARE PROGRAM,”** which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

 KRISTIN A. THIRION, VILLAGE CLERK

RAFFLE LICENSE APPLICATION

VILLAGE OF TINLEY PARK
 16250 South Oak Park Avenue

DATE: 03-28-19

1. NAME OF ORGANIZATION: VFW POST 2791
2. ADDRESS: 17147 OAK PARK AVE TINLEY PK, IL 60477
3. MAILING ADDRESS IF DIFFERENT FROM ABOVE:

4. ADDRESS OF PLACE FOR RAFFLE DRAWING
17147 OAK PARK AVENUE
5. CHECK TYPE OF NOT-FOR-PROFIT ORGANIZATION: (MUST BE IN EXISTENCE FOR A PERIOD OF FIVE (5) YEARS AND ATTACHED DOCUMENTARY EVIDENCE)
 RELIGIOUS CHARITABLE LABOR FRATERNAL
 EDUCATIONAL VETERANS BUSINESS
6. HOW LONG HAS THE ORGANIZATION BEEN IN EXISTENCE: 78 YEARS
7. PLACE AND DATE OF INCORPORATION: TINLEY PARK 03-22-41
8. NUMBER OF MEMBERS IN GOOD STANDING: 658
9. PRESIDENT/CHAIRPERSON: JIM HUDIK
 ADDRESS: 17147 OAK PARK TP PHONE: 532-2333
10. RAFFLE MANAGER: JEFF KENNEDY
 ADDRESS: 17147 OAK PARK TP
 PHONE: 532-2333 Email: VFW2791@yahoo.com
11. DESIGNATED MEMBER(S) RESPONSIBLE FOR CONDUCT & OPERATION OF RAFFLE:
 NAME: JEFF KENNEDY
 ADDRESS: 17147 OAK PARK TP PHONE: 532-2333
 NAME: ROGER BARTON
 ADDRESS: 17147 OAK PARK PHONE: _____

(ATTACHED ADDITIONAL SHEET IF NECESSARY)

RAFFLE APPLICATION | 2

RAFFLE INFORMATION

12. DATE(S) FOR RAFFLE TICKET SALES (INCLUDE DAYS OF THE WEEK)

SALES EVERY DAY WHILE OPEN

13. LOCATION OF TICKET SALES:

17147 OAK PARK AVE

14. LOCATION FOR DETERMINING WINNERS:

17147 OAK PARK AVE

15. DATE(S) FOR DETERMINING WINNERS: (INCLUDE DAYS OF THE WEEK)

EVERY WEDNESDAY AT 7:00 PM

16. TOTAL RETAIL VALUE OF ALL PRIZES:

\$ 250,000
(MAXIMUM PRIZE AMOUNT \$250,000)

17. MAXIMUM RETAIL VALUE OF EACH PRIZE:

\$ 250,000

18. MAXIMUM PRICE CHARGED OF EACH TICKET(CHANCE) SOLD \$

1.00

19. § 132.38 FIDELITY BOND REQUIRED

All operations of and the conduct of raffles as provided for in this subchapter shall be under the supervision of a single manager designated by the organization. Such manager shall give a fidelity bond in the sum of \$165,000 or two times the aggregate value of prizes, whichever is less, in favor of the licensee conditioned upon his honesty in the performance of his duties. The bond shall provide that notice shall be given in writing to the Village of Tinley Park not less than 30 days prior to cancellation. Bonds as provided for in this section may be waived provided the license issued for such raffle shall contain a waiver provision and shall be approved only by unanimous vote of the members of the licensed organization.

FIDELITY BOND WAIVER OF BOND STATEMENT BY ORGANIZATION

"The undersigned attest that the above named organization is an organized not-for-profit under the law of the State of Illinois and has been continuously in existence for five (5) years, preceding date of this application, and that during this entire five (5) year period preceding date of application, it has maintained a bona fide membership actively engaged in carrying out its objections. The undersigned do hereby state under penalties of perjury that all statements in the foregoing application are true and correct; that the officers, operators and workers of the game are bona fide members of the sponsoring organization and are all of good moral character and have not been convicted of a felony; that if a license is granted hereunder, the undersigned will be responsible for the conduct of the games in accordance with the provisions of the laws of the State of Illinois and this jurisdiction governing the conduct of such games."

NAME OF ORGANIZATION: UFW Post 2791

EXECUTIVE DIRECTOR: _____



Wrap⁺®
 for Non-Profit Organizations
**CRIME
 DECLARATIONS**

POLICY NO. 106901182

Travelers Casualty and Surety Company of America
Hartford, Connecticut
 (A Stock Insurance Company, herein called the Company)

<p>ITEM 1</p>	<p>NAMED INSURED:</p> <p>BREMEN VFW POST #2791</p> <p>D/B/A:</p> <p>Principal Address: 17147 SOUTH OAK PARK AVENUE TINLEY PARK, IL 60477</p>
<p>ITEM 2</p>	<p>POLICY PERIOD:</p> <p>Inception Date: April 5, 2019 Expiration Date: April 5, 2020 12:01 A.M. standard time both dates at the Principal Address stated in ITEM 1.</p>
<p>ITEM 3</p>	<p>ALL NOTICES OF CLAIM OR LOSS MUST BE SENT TO THE COMPANY BY EMAIL, FACSIMILE, OR MAIL AS SET FORTH BELOW:</p> <p>Email: BSclaims@travelers.com Fax: (888) 460-6622</p> <p>Mail: Travelers Bond & Specialty Insurance Claim 385 Washington St. – Mail Code 9275-NB03F St Paul, MN 55102</p>
<p>ITEM 4</p>	<p>COVERAGE INCLUDED AS OF THE INCEPTION DATE IN ITEM 2:</p> <p>Crime</p>

ITEM 5	CRIME		
	Insuring Agreement	Single Loss Limit of Insurance	Single Loss Retention
A. Fidelity			
1. Employee Theft	\$165,000	\$1,000	
2. ERISA Fidelity	Not Covered		
3. Employee Theft of Client Property	Not Covered		
B. Forgery or Alteration	Not Covered		
C. On Premises	Not Covered		
D. In Transit	Not Covered		
E. Money Orders and Counterfeit Money	Not Covered		
F. Computer Crime			
1. Computer Fraud	Not Covered		
2. Computer Program and Electronic Data Restoration Expense	Not Covered		
G. Funds Transfer Fraud	Not Covered		
H. Personal Accounts Protection			
1. Personal Accounts Forgery or Alteration	Not Covered		
2. Identity Fraud Expense Reimbursement	Not Covered		
I. Claim Expense	\$5,000	\$0	

<p>ITEM 5. (Cont'd)</p>	<p>If "Not Covered" is inserted above opposite any specified Insuring Agreement, or if no amount is included in the Limit of Insurance, such Insuring Agreement and any other reference thereto is deemed to be deleted from this Crime Policy.</p> <p>Policy Aggregate Limit of Insurance: <input type="checkbox"/> Applicable <input checked="" type="checkbox"/> Not Applicable</p> <p>If a Policy Aggregate Limit of Insurance is applicable, then the Policy Aggregate Limit of Insurance for each Policy Period for Insuring Agreements A through H, inclusive, is: Not Applicable</p> <p>If a Policy Aggregate Limit of Insurance is not included, then this Crime Policy is not subject to a Policy Aggregate Limit of Insurance as set forth in Section V. CONDITIONS B. PROVISIONS AFFECTING LOSS ADJUSTMENT AND SETTLEMENT 1. <u>Limit of Insurance</u> a. <u>Policy Aggregate Limit of Insurance</u>.</p> <p>Cancellation of Prior Insurance: By acceptance of this Crime Policy, the Insured gives the Company notice canceling prior policies or bonds issued by the Company that are designated by policy or bond numbers Not Applicable, such cancellation to be effective at the time this Crime Policy becomes effective.</p> <p>INSURED'S PREMISES COVERED:</p> <p>All Premises of the Insured in the United States of America, its territories and possessions, Canada, or any other country throughout the world, except: Not Applicable</p>
<p>ITEM 6</p>	<p>PREMIUM FOR THE POLICY PERIOD:</p> <p>\$391.00 Policy Premium</p> <p>N/A Annual Installment Premium</p>
<p>ITEM 7</p>	<p>FORMS AND ENDORSEMENTS ATTACHED AT ISSUANCE: ACF-7006-0511; CRI-3001-0109; CRI-19060-0713; CRI-19072-0315; CRI-19086-0516; CRI-19101-1117; CRI-4028-0109; CRI-5014-0613; CRI-19097-0517</p>

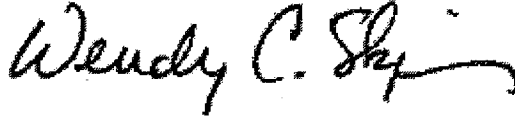
THE DECLARATIONS, THE APPLICATION, THE CRIME TERMS AND CONDITIONS, ANY PURCHASED INSURING AGREEMENTS, AND ANY ENDORSEMENTS ATTACHED THERETO, CONSTITUTE THE ENTIRE AGREEMENT BETWEEN THE COMPANY AND THE NAMED INSURED.

Countersigned By

IN WITNESS WHEREOF, the Company has caused this policy to be signed by its authorized officers.



Executive Vice President



Corporate Secretary



CONSOLIDATED HIGH SCHOOL DISTRICT 230
 15100 S. 94th Avenue Orland Park, Illinois 60462 708-745-5203 d230.org

March 5, 2019

Mr. Brad Bettenhausen
 Village Treasurer
 Village of Tinley Park
 16250 South Oak Park Avenue
 Tinley Park, IL 60477

Dear Mr. Bettenhausen:

Consolidated High School District 230 is requesting you submit to us a check covering the Impact Funds received since August 1, 2018 from various developers and builders under the Village of Tinley Park's Impact Fee Ordinance.

If you have any questions, please do not hesitate to contact me.

Sincerely,

John Lavelle
 Assistant Superintendent
 for Business Services

JL/cg

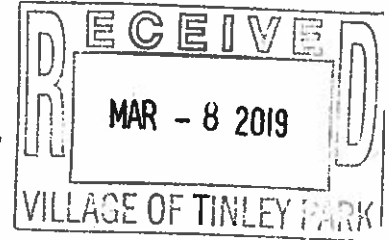
*84-510-23125
 Through Feb 2019
 \$500.00*

By 7 Mar 2019

*Check to Laura
 for cover letter*

BLOCK PARTY APPLICATION

Village of Tinley Park
16250 South Oak Park Avenue, Tinley Park, Illinois 60477
Phone: 444-5000



Representative: Kelley Dillner

Address: _____ Phone: _____

Organization: N/A

Specific Location of Party: 8340 - 8328 Queen Victoria Lane

Request Date: Saturday June 29, 2019

Time: 2 pm a.m./p.m. To: 10pm a.m./p.m.

Purpose: Block Party

Person or Persons In Charge:

Name: Kelley Dillner Phone: _____

Name: _____ Phone: _____

Name: _____ Phone: _____

Number of Barricades Needed: 10 DO NOT USE VEHICLES AS BARRICADES.

PLEASE NOTE

The applicants have the responsibility of ascertaining that the street is not blocked in such a manner as to cause delay in the performance of emergency duties by the police department, fire department, ambulance or public works department. It is recommended that there be no parking on the hydrant side of the street. (moveable road block, refreshments served from curb, no large vehicles parked on street, no entertainment, music boxes or band blocking street).

A person or persons shall be responsible for the removal of any road block in the event of an emergency.

The applicants are responsible for any injury, damage to property or illegal actions during the block party.

The applicants are responsible for maintaining order and obedience to the village, county, and state laws.

In the event that there should be directive, written or oral, from the police department to discontinue the party for proper reasons, then the applicants must comply.

Signed: _____

SUBMIT

VILLAGE USE ONLY


Fire Chief: Approved Not Approved

Police Chief: Approved Not Approved

Village Clerk: Approved Not Approved

Permits & Licenses Committee: _____



stjuderuns.org  stjuderuns

Bartonville
 Bloomington/
 Normal
 Canton
 Champaign/Urbana
 Chicago
 Chillicothe
 Decatur
 Dunlap
 East Peoria
 Elmwood
 Eureka
 Galesburg
 Kewanee
 Kickapoo/Brimfield
 LaSalle/Peru
 Lewistown
 Lincoln
 Mackinaw
 Macomb
 Marshall Co.
 Mason City
 Mattoon
 Memphis
 Metamora
 Minonk
 Mobile
 Monticello
 Morton
 Ottawa
 Pekin
 Princeville
 Quincy
 Richwoods H.S.
 Running Central
 Springfield
 St. Louis
 Tremont
 Washington

Hello Sharon,

Please accept this letter as an official request for our St. Jude Runs canning (tag days) for May 25th as June 22rd. I will coordinate getting you over our W-9 form as well as an updated insurance Accord with the village named as an additional insured soon. If you have any questions for me as we move towards these dates, please let me know and I will be happy to assist.

Thanks,
 Matt Spooner
 708-602-6630



vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 1

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
180903	3/8/2019	018887 2PG	030419		REFUND/CHANGE OF APARTMENT 01-14-000-79015	30.00
					Total :	30.00
180904	3/8/2019	018893 ACKERMAN, PAUL	Ref001373355		UB Refund Cst #00469980 60-00-000-20599	5.11
					Total :	5.11
180905	3/8/2019	015867 ADVANCED COMMUNICATIONS, INC	15776		SDI WALL PLATE FOR EXTERNAL C 01-25-000-72790	167.00
			2	VTP-016573	VILLAGE HALL AUDIO VISUAL SYS1 30-00-000-74111	82,341.90
					Total :	82,508.90
180906	3/8/2019	002734 AIR ONE EQUIPMENT, INC	141210		CYLINDER HYDROTEST 01-19-000-72578	37.46
			141325		METER CALIBRATION 01-19-000-74604	485.00
					Total :	522.46
180907	3/8/2019	002856 AIRY'S, INC	22979	VTP-016711	EMERGENCY WATER MAIN BREAK 60-00-000-72745	4,710.92
			22986	VTP-016712	EMERGENCY REPAIRS FOR WATEI 60-00-000-72745	3,811.60
					Total :	8,522.52
180908	3/8/2019	002628 AMERICAN WATER	030119		FEB'19 SEWER TRTMNT BROOKSII 60-00-000-73225	45,760.32
					Total :	45,760.32
180909	3/8/2019	015032 ANALYTICAL TECHNOLOGY, INC	413399		CALIBRATION 60-00-000-72528	231.10
					Total :	231.10
180910	3/8/2019	010026 ANDERSON PUMP SERVICE	RH-12881		NOZZLE 7980 W 183RD ST 60-00-000-72530	52.00

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 2

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
180910	3/8/2019	010026 010026 ANDERSON PUMP SERVICE	(Continued)			Total : 52.00
180911	3/8/2019	004223 ARC ILLINOIS	56ILI9030934	VTP-016696	<COMD> - REPLACEMENT PLOTTE 30-00-000-74128	6,495.00 Total : 6,495.00
180912	3/8/2019	002427 ASSOCIATED ATTRACTIONS ENT	16398	VTP-016695	RENTAL OF FLOAT FOR THE VILLA/ 01-35-000-72923	700.00 Total : 700.00
180913	3/8/2019	018119 AWOGS	2303		FACEMASK STICKERS/DECALS 01-19-000-74614	109.00 Total : 109.00
180914	3/8/2019	010953 BATTERIES PLUS - 277	277-P12037157 277-P12091825 277-P12141942		BATTERIES 01-17-220-73760 BATTERY 01-19-000-73870 BATTERIES 14-00-000-74150	210.00 46.08 140.00 Total : 396.08
180915	3/8/2019	012511 BEST BUY BUSINESS ADVANTAGE	3734791		**** 5339 DELL INC TOWERS,DIGIT/ 01-17-225-72565	1,399.99 Total : 1,399.99
180916	3/8/2019	002974 BETTENHAUSEN CONSTRUCTION SERV	190020 190021 190022 190023	VTP-016702 VTP-016702 VTP-016702 VTP-016721 VTP-016721 VTP-016721 VTP-016721 VTP-016721	LIMESTONE DELIVERED TO STOR/ 60-00-000-73860 01-23-000-73860 70-00-000-73860 HAULING SPOILS 60-00-000-73681 01-23-000-72890 HAULING SPOILS 60-00-000-73681 01-23-000-72890 HAULING SPOILS 60-00-000-73681	450.00 225.00 75.00 525.00 225.00 525.00 225.00 525.00

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 3

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
180916	3/8/2019	002974	BETTENHAUSEN CONSTRUCTION SERV (Continued)			
				VTP-016721	01-23-000-72890	225.00
					Total :	3,000.00
180917	3/8/2019	003112	BOLING, JOHN	030419	REIM.EXP.SOFTWARE SUBSCRPTN	
					01-17-225-72655	127.37
					Total :	127.37
180918	3/8/2019	012966	BOLING, THOMAS	02-19	SHAREPOINT	
					01-16-000-72650	1,162.50
					Total :	1,162.50
180919	3/8/2019	013529	BUILDING & FIRE CODE ACADEMY	2033	INTERNTL MECH CODE CLASS/MIK	
					01-33-300-72140	350.00
					Total :	350.00
180920	3/8/2019	003326	CART BLUE TEAM	19-DUES-34	DUES	
					01-19-000-72720	250.00
					Total :	250.00
180921	3/8/2019	003396	CASE LOTS INC	7668	TOWELS,TOILET PAPER,CAN LINEI	
					01-25-000-73580	472.10
					Total :	472.10
180922	3/8/2019	003229	CED/EFENGEE	5025-523821	STREET LIGHTING BULBS	
				VTP-016643	01-25-000-73570	1,465.89
					01-25-000-73570	-29.31
			5025-523835		STREET LIGHTING BULBS	
				VTP-016643	01-25-000-73570	262.80
					01-25-000-73570	-5.26
			5025-523855		STREET LIGHTING BULBS	
				VTP-016643	01-25-000-73570	149.52
					01-25-000-73570	-2.99
					Total :	1,840.65
180923	3/8/2019	013368	CHAMBERS, MICHAEL	030419	REIM. EXP. SSBOA MTG	
					01-33-300-72170	20.00

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 4

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
180923	3/8/2019	013368	013368 CHAMBERS, MICHAEL		(Continued)	Total : 20.00
180924	3/8/2019	016958	CHATMAN, KEVIN		030119	BALLOON TWISTING/DISCOVER TII 01-41-046-72981 Total : 400.00
180925	3/8/2019	013991	CHICAGO OFFICE PRODUCTS CO.		960363-0	OFFICE SUPPLIES 01-19-000-73110 593.26
				VTP-016684	962569-0	LABELS,CLIPS,INDEX,ENV,PAD,PUI 01-19-000-73110 104.42 Total : 697.68
180926	3/8/2019	015199	CHICAGO PARTS & SOUNDS LLC		2J0000882	EMERGENCY LIGHTING/ BACK UP 60-00-000-74321 2,486.90
				VTP-016677	2J0000889	VTP-016677 AMBER/LABOR 60-00-000-74321 340.00 Total : 2,826.90
180927	3/8/2019	014801	CHICAGO SOUTHLAND CHAMBER		20591	BUSINESS PARTNER MEMBERSHIP 01-11-000-72720 700.00 Total : 700.00
180928	3/8/2019	018475	CLARKE, KIMBERLY		030419	REIM. EXP. KEURIG ELITE 01-33-310-72560 124.99 Total : 124.99
180929	3/8/2019	012917	COLLEGE OF DUPAGE		9876	#1568988 AUSTIN ANDREWS/LAW I 01-17-220-72140 50.00
					9876.	#1568092 DOMINIC MANZELLA/LAW 01-17-220-72140 50.00
					9896	#1545052 FREDERICK MONDT/CRIF 01-17-220-72140 195.00 Total : 295.00
180930	3/8/2019	012057	COMCAST CABLE		8771401810170142	ACCT#8771401810170142 3/1/19-3/ 01-14-000-72125 231.85 Total : 231.85

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 5

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
180931	3/8/2019	013878	COMED - COMMONWEALTH EDISON		ACCT#0363058226 9340 W 179TH S	
					01-24-000-72510	105.13
					ACCT#2587063010 REAR TEMP 173	
					12-00-000-72510	21.56
					ACCT#271036017 STREET LIGHTS	
					01-24-000-72510	61.97
					ACCT#2777112019 0 175TH ST & S/	
					01-23-000-72510	383.45
					ACCT#3214011009 16853 LAKEWO	
					60-00-000-72510	239.16
					ACCT#3784064010 16301 CENTRAL	
					60-00-000-72510	224.07
					ACCT#4329016037 TEMP PARKING	
					12-00-000-72510	28.92
					ACCT#6483053261 IRRIGATION 174	
					01-23-000-72510	33.50
					ACCT#7063131025 7813 174TH ST I	
					60-00-000-72510	78.00
					ACCT#7090006006 TEMP PARKING	
					12-00-000-72510	21.56
					ACCT#8363023007 0 179TH ST & 82	
					60-00-000-72510	353.14
					Total :	1,550.46
180932	3/8/2019	007653	COMMUNITY CONSOLIDATED SD 146	030119	CENTRAL MIDDLE SCHOOL CHOIR	
					01-41-046-72981	100.00
					Total :	100.00
180933	3/8/2019	018311	CONNECTION		DATA TRAVELER FLASH DRIVE	
					01-17-205-73110	91.75
					CRVD MONITOR	
					01-25-000-72565	252.95
					<VAR> - TABLET DEVICES & ACC -	
				VTP-016656	30-00-000-74128	2,077.16
					<VAR> - TABLET DEVICES & ACC -	
				VTP-016656	30-00-000-74128	437.54
					<IT> - DESKTOP / WORKSTATION R	

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 6

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
180933	3/8/2019	018311 CONNECTION	(Continued)			
			56576051	VTP-016585	30-00-000-74128 TONER 01-16-000-73110	5,715.44 175.61
					Total :	8,750.45
180934	3/8/2019	012410 CONSERV FS, INC.	66027474		NOZZLE 60-00-000-73870	28.50
					Total :	28.50
180935	3/8/2019	003222 CONSOLIDATED HIGH SD 230	030519		IMPACT FEES THRU FEB 2019 84-00-000-23125	500.00
					Total :	500.00
180936	3/8/2019	012826 CONSTELLATION NEWENERGY, INC.	14337253501		ACCT#8368396 UTIL#4623055116 1/	14,443.21
			14373186401		01-24-000-72510 ACCT#8061886 UTIL#6771163043 1/	3,445.22
					01-24-000-72510	
					Total :	17,888.43
180937	3/8/2019	018152 CORE INTEGRATED MARKETING	114915		BRANDING FEATHER FLAGS	
				VTP-016728	30-00-000-72987 30-00-000-72987	594.86 2.50
					Total :	597.36
180938	3/8/2019	018890 CURRENCY EXCHANGE	Ref001373352		UB Refund Cst #00462037 60-00-000-20599	53.83
					Total :	53.83
180939	3/8/2019	018325 DAILY SOUTHTOWN	197792300		SUBSCRIPTION POLICE DEPT 01-17-205-72720	91.00
					Total :	91.00
180940	3/8/2019	017603 DANDAN, RICK TARIQ	022819		CONSULTING FEB'19 01-33-300-72750	7,120.00
					Total :	7,120.00
180941	3/8/2019	016631 DAUKSAS-ROY, BRIDGET	030419		REIM. EXP. MEALS,MILEAGE/TRAIN	

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 7

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
180941	3/8/2019	016631 DAUKSAS-ROY, BRIDGET	(Continued)		01-21-210-72170	243.86
					Total :	243.86
180942	3/8/2019	009126 DAVID FLEMING ENTERTAINMENT	030119		STILT WALKER/DISCOVER TINLEY 01-41-046-72981	425.00
					Total :	425.00
180943	3/8/2019	018394 DETAILED INSPECTION SERVICE	1945		INSPECTIONS 01-33-300-72840	1,280.00
					Total :	1,280.00
180944	3/8/2019	018889 DROP'S VENDING INC	022819		SERVICE CALL SODA MACHINE BIL 60-00-000-73870	300.00
					Total :	300.00
180945	3/8/2019	011187 DURKIN ELECTRIC CO INC	10840	VTP-016626	POST 6 LIGHTING UPGRADES 60-00-000-72525	1,550.00
					Total :	1,550.00
180946	3/8/2019	003770 DUSTCATCHERS INC	59005		MATS/PD 01-25-000-72790	85.41
					Total :	85.41
180947	3/8/2019	018873 EASTER SEALS METROPOLITAN	030619	VTP-016685	TRAINING 01-19-000-72140	615.33
					Total :	615.33
180948	3/8/2019	004152 ECOLAB PEST ELIMINATION INC.	6713668		PEST CONTROL VILLAGE HALL 01-25-000-72790	474.44
			6713669		PEST CONTROL TRAIN STATION 73-80-000-72790	86.48
					Total :	560.92
180949	3/8/2019	011176 ELEMENT GRAPHICS & DESIGN, INC	14434		BANNERS 01-41-046-72981	382.97
					Total :	382.97

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 8

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
180950	3/8/2019	004119 ETP LABS INC.	18-133713	VTP-016715	COLIFORM SAMPLES 60-00-000-72865	565.60
Total :						565.60
180951	3/8/2019	004019 EVON'S TROPHIES & AWARDS	021119		CUSTOM RIBBONS 01-35-000-72923	129.00
			021419		PLAQUES 01-41-046-72930	586.00
Total :						715.00
180952	3/8/2019	018480 FARNSWORTH GROUP	203621		PROJ#0170121.10 HARMONY SQ T/ 01-33-310-72750	495.00
			205085		PROJ#0170121.11 MARCH DENTIST 01-33-310-72750	495.00
Total :						990.00
180953	3/8/2019	004176 FEDEX (FEDERAL EXPRESS)	6-474-24664		ACCT#8845-9401-4 SHIPPING 01-14-000-72110	18.12
Total :						18.12
180954	3/8/2019	015702 FIRST AMERICAN TITLE INSURANCE	030619		14TH SEMI ANNUAL INCENTIVE 01-97-000-79133	72,500.10
Total :						72,500.10
180955	3/8/2019	015058 FLEETPRIDE	21804889		BULBS,BACK UP 01-19-000-72540	27.22
Total :						27.22
180956	3/8/2019	011611 FOX VALLEY FIRE & SAFETY CO.	IN00245365		RADIO MAINT SOUTH POINTE CON 14-00-000-72550	340.00
			IN00245984		VTP-015831 MONTHLY RADIO MAIN 14-00-000-72750	4,074.50
Total :						4,414.50
180957	3/8/2019	004346 FRAME TECH, INC.	35696		WHEEL ALIGN UNIT 73 VM 01-12-000-72540	75.00
Total :						75.00

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 9

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
180958	3/8/2019	004298 FUN, FUN, FUN DJ'S	030119		DJ DISCOVER TINLEY 01-41-046-72981	500.00
					Total :	500.00
180959	3/8/2019	010415 GERARD & ROBERTS CONSTR. INC.	85777	VTP-016724	CONSTRUCTION OF BENCHES ON 01-35-000-72923	13,020.00
					Total :	13,020.00
180960	3/8/2019	012902 GO PARTS INC.	168890		ANCO SNOW BLADE,HALOGEN BU 60-00-000-72540 01-23-000-72540 01-17-205-72540	129.80 129.80 63.96
					Total :	323.56
180961	3/8/2019	004438 GRAINGER	9095436532 9096299178 9099737844		CONCRETE FLOOR CLEANER 01-25-000-73580 HARD HAT 01-35-000-73870 OVERBOOT,MARKING PAINTS 60-00-000-73620 60-00-000-73845	67.87 9.68 344.00 55.55
					Total :	477.10
180962	3/8/2019	014491 HANSEN DOOR INC.	7474 7578	VTP-016686	R&M BUILDING & STRUCTURE 01-19-000-72520 SERVICE 9191 W 175TH ST 01-25-000-72520	645.00 330.00
					Total :	975.00
180963	3/8/2019	018712 HIGH TOUCH HIGH TECH	030119		4 HR INTERACTIVE STEM TABLE-DI 01-41-046-72981	350.00
					Total :	350.00
180964	3/8/2019	016127 HYDROAIRE SERVICE, INC	17232	VTP-016569	2019 PM INSPECTIONS 60-00-000-72750	3,150.00
					Total :	3,150.00
180965	3/8/2019	005160 ILLINOIS STATE POLICE	CC4004		CC 4004 TINLEY FINGERPRINT VILI	

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 10

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
180965	3/8/2019	005160 ILLINOIS STATE POLICE	(Continued)		01-14-000-72848	282.50
					Total :	282.50
180966	3/8/2019	004875 IRMA	IVC0011110		VOLUNTEER COVERAGE 11/1/18-12/31/18 01-14-000-72541	141.66
					Total :	141.66
180967	3/8/2019	004960 ISABELLA CAFE	030419		GIFT CERT/VOL RECOG 01-35-000-72923	75.00
					Total :	75.00
180968	3/8/2019	005251 J AND R SALES AND SERVICE INC.	0323500		HEARING PROTECTOR 01-23-000-73845	51.20
					Total :	51.20
180969	3/8/2019	014983 JONES & BARTLETT LEARNING, LLC	4028524	VTP-016669	TRAINING 01-19-000-72140 01-19-000-72140	390.32 11.54
					Total :	401.86
180970	3/8/2019	018427 KERESTES MARTIN ASSOC INC	1801.07-13		COLOR PLOTS,COPIES 30-00-000-72987	21.00
					Total :	21.00
180971	3/8/2019	005379 KLEIN, THORPE & JENKINS, LTD	021519		LEGAL SERVICES THRU 1/31/19 01-14-000-72850	451.50
					Total :	451.50
180972	3/8/2019	018821 LABOR ARBITRATION INSTITUTE	80320		ARBITRATION CONF DARREN PER: 01-17-220-72140	450.00
					Total :	450.00
180973	3/8/2019	014190 LEHIGH HANSON	5732385	VTP-016719 VTP-016719 VTP-016719	BED/BACKFILL 60-00-000-73860 01-23-000-73860 70-00-000-73860	832.04 416.02 138.67

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 11

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
180973	3/8/2019	014190	014190 LEHIGH HANSON		(Continued)	Total : 1,386.73
180974	3/8/2019	013499	LION GROUP, INC.		19-5009884	
				VTP-016709	BUNKER GEAR CLEANING AND RE 01-19-000-74619	1,777.19
						Total : 1,777.19
180975	3/8/2019	018156	LUSBY JR, TERRY		60004	
					REIM.EXP. MEAL MTG 01-24-000-72220	64.32
						Total : 64.32
180976	3/8/2019	003440	M. COOPER WINSUPPLY CO.		S2016846.001	
					PRESS BALL,ADAPTERS,COUPLING 60-00-000-73840	96.07
					60-00-000-73570	25.00
				S2018562.001	BEMIS 1955SSCT-000 W/STA TITE S 01-25-000-73840	301.14
				S2018562.002	BEMIS 1955SSCT-000 W/STA TITE S 01-25-000-73840	210.80
						Total : 633.01
180977	3/8/2019	013969	MAP AUTOMOTIVE OF CHICAGO		40-498002	
					TIE ROD 01-17-205-72540	107.08
						Total : 107.08
180978	3/8/2019	012631	MASTER AUTO SUPPLY, LTD.		15030-66055	
					SWAY BAR LINKS 01-17-205-72540	21.48
				15030-66369	FIRE EXTINGUISHER 60-00-000-73845	58.92
						Total : 80.40
180979	3/8/2019	006074	MENARDS		030619	
					5TH ANNUAL INCENTIVE PAYMENT 01-97-000-79121	48,855.00
						Total : 48,855.00
180980	3/8/2019	006074	MENARDS		60803	
					MF,OIL SPOUT,BATTERY,RATCHET 60-00-000-72528	186.89
				60859	WALL ANCHOR 60-00-000-73840	5.29
				60962	CORDS	

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 12

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
180980	3/8/2019	006074 MENARDS	(Continued)			
			60963		01-25-000-73570 WORKLIGHT,SEAM REPAIR,TAPE	24.66
					01-24-000-73570	5.00
			60972		01-25-000-72520 FLAG MATERIAL	8.95
					01-25-000-73112	73.90
					Total :	304.69
180981	3/8/2019	012395 MICROSYSTEMS, INC.	I000080295	VTP-016707	DIGITIZING - STORAGE	
					01-19-000-72345	1,893.27
					Total :	1,893.27
180982	3/8/2019	005856 MONROE TRUCK EQUIPMENT,INC.	324764		SWITCH	
					01-23-000-72540	154.20
					Total :	154.20
180983	3/8/2019	017764 MONTANA & WELCH, LLC.	11760		HEARING OFFICER	
					01-14-000-72876	1,218.75
					Total :	1,218.75
180984	3/8/2019	005664 MORTON SALT INC	5401794029		VTP-016222 ROAD SALT FOR 2018/	
			5401795659		01-23-000-73810	24,808.69
					VTP-016222 ROAD SALT FOR 2018/	
					01-23-000-73810	28,039.97
					Total :	52,848.66
180985	3/8/2019	005991 MR D'S MAGIC AND ILLUSION	030119		MAGIC & ILLUSIONS/DISCOVER TIN	
					01-41-046-72981	475.00
					Total :	475.00
180986	3/8/2019	017651 MSC INDUSTRIAL SUPPLY CO.	2806929001		PARTS	
			2826179001		60-00-000-73840	354.29
					PARTS,TUBING,CRAYON,BRAKE CI	
					60-00-000-72540	74.18
					01-23-000-72540	74.18
					01-24-000-72540	74.18

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 13

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
180986	3/8/2019	017651	017651 MSC INDUSTRIAL SUPPLY CO.	(Continued)		Total : 576.83
180987	3/8/2019	015723	NICOR		ACCT#01-98-15-1000 9 7780 W 183I 01-25-000-72511	595.11
					ACCT#06-82-16-1000 0 6640 167TH 60-00-000-72511	499.59
					ACCT#12-21-36-1000 4 7825 W 167 01-25-000-72511	461.80
					ACCT#53-46-37-1000 3 18241 S 80T 01-25-000-72511	52.47
					ACCT#54-07-23-1000 3 16250 OAK F 01-25-000-72511	1,442.95
					ACCT#73-67-54-1000 2 7800 183RD 01-25-000-72511	1,997.87
					ACCT#74-43-34-1000 3 7700 W 183I 01-25-000-72511	28.83
					ACCT#83-52-37-1000 8 7980 183RD 01-25-000-72511	2,242.92
					ACCT#96-01-99-5852 7 7999 W TIMI 73-80-000-72511	495.62
					Total :	7,817.16
180988	3/8/2019	016829	NOEL, NORBERT	030119	REIM. EXP. RENEWAL CDL DRIVER 01-24-000-72860	66.53
					Total :	66.53
180989	3/8/2019	013034	NOTARY PUBLIC ASSOC.	030419	STAMP SHARON ZAVALA 01-13-000-72720	16.90
					Total :	16.90
180990	3/8/2019	001487	NUWAY DISPOSAL SERVICE INC	6473481	EXCHANGE - HAUL/DUMP CHARGE 01-23-000-72890	352.30
					Total :	352.30
180991	3/8/2019	012302	ORLAND TOYOTA	030619	6TH YEAR INCENTIVE 01-97-000-79135	15,882.46
					Total :	15,882.46

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 14

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
180992	3/8/2019	013096 PACE SYSTEMS INC	IN00024442	VTP-016365	TURN KEY SOLUTION W/ANALYTIC 09-00-000-74604	16,700.00
Total :						16,700.00
180993	3/8/2019	013881 PANDUIT PROCUREMENT CO LLC	030619		37TH & FINAL INCENTIVE PAYMENT 01-97-000-79127	146.13
Total :						146.13
180994	3/8/2019	006475 PARK ACE HARDWARE	034754/2		CABLE TIES 01-23-000-73840	33.48
			059866/1		UTIL KNIFE, CORD REEL 60-00-000-73410	15.98
			059969/1		LED WORK LIGHT 60-00-000-73570	39.99
			059998/1		STRETCH WRAP, SOCKET, TIEDOW 01-23-000-73410	41.56
			060325/1		PADLOCK 01-19-000-73870	8.99
			060397/1		FASTENERS 01-24-000-73840	7.96
			060399/1		CREDIT FASTENERS 01-24-000-73840	-0.40
Total :						147.56
180995	3/8/2019	017268 PETERSON, JOHNSON & MURRAY	11490		MATTER#4118.0001 LEGAL SERV J/ 60-00-000-72850	39.00
			11503		MATTER#4130.0001 LEGAL SERV V 01-14-000-72850	24,214.50
			11504		MATTER#4130.0003 LEGAL SERV - 01-14-000-72850	4,328.50
			11505		MATTER#4130.0011 DEMO OF 1683 01-14-000-72850	58.50
			11506		MATTER#4130.0019 TP MENTAL HE 01-14-000-72850	2,808.00
			11507		MATTER#4130.0023 RUDSINSKI VS 60-00-000-72850	1,596.50
			11508		MATTER#4130.0025 TP 2019 CASH	

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 15

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
180995	3/8/2019	017268 PETERSON, JOHNSON & MURRAY	(Continued)			
			11509		01-14-000-72850 MATTER#4130.0026 BANK OF AMEF	262.50
			11510		01-14-000-72850 MATTER#4130.0027 TP ELECTRICA	331.50
			11511		01-14-000-72850 MATTER#4131.0001 VOTP GENERA	18,985.50
			11512		01-14-000-72855 MATTER#4131.0012 JOHNSON VS \	4,212.00
			11522		01-14-000-72855 MATTER#4160.0001 VOTP PROSEC	214.50
			11524		01-14-000-72850 MATTER#4173.0001 METRA 80TH A'	8,964.00
			11525		01-14-000-72855 MATTER#4173.0002 JOHNSON VS \	312.00
			11526		01-14-000-72855 MATTER#4173.0004 EBERHARDT V	1,326.50
					01-14-000-72850	2,073.50
					Total :	69,727.00
180996	3/8/2019	018888 PETERSON, JULIE	020219		REIM. EXP.EMBROID PW LOGO	
					01-23-000-73610	30.00
					Total :	30.00
180997	3/8/2019	006780 POMP'S TIRE SERVICE, INC	690068359	VTP-016701	TIRE REPAIR ON WHEEL LOADER1	
					01-23-000-73560	1,093.23
					Total :	1,093.23
180998	3/8/2019	006507 POSTMASTER, U. S. POST OFFICE	022819		PERMIT #6 MAR'19 WATER BILLS	
					60-00-000-72110	2,432.33
					Total :	2,432.33
180999	3/8/2019	006509 POULOS, TIMOTHY	030419		PERDIEM:LODG,MEALS,AIR,RENTA	
					01-17-225-72130	1,162.87
					Total :	1,162.87
181000	3/8/2019	006559 PRAXAIR DISTRIBUTION, INC	87800685		ACETYLENE,HIGH PRESSURE	

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 16

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181000	3/8/2019	006559 PRAXAIR DISTRIBUTION, INC	(Continued)		60-00-000-73730 01-23-000-73730 01-24-000-73730	96.98 96.98 48.49
Total :						242.45
181001	3/8/2019	010575 PUBLIC AGENCY TRAINING COUNCIL	238475		PERSHA/BONAREK SEMNR SCHL \\ 01-17-220-72140	650.00
Total :						650.00
181002	3/8/2019	006850 QUILL CORPORATION	5388066		EASEL,WITEOUT,PENS,STICKY NO 01-33-310-73110	250.73
			5488551		NAMEPLATE 01-33-310-73110	9.85
Total :						260.58
181003	3/8/2019	018891 RAY, JORDAN	Ref001373353		UB Refund Cst #00500093 60-00-000-20599	9.81
Total :						9.81
181004	3/8/2019	012268 REGIONAL TRUCK EQUIPMENT CO	203268	VTP-016705	TOOL BOX FOR NEW PICKUP TRUC 30-00-000-74232	845.15
Total :						845.15
181005	3/8/2019	017975 REVIZE LLC	7950		WEBSITE & CMS TECH SUPPORT, S 01-35-000-72653	5,900.00
Total :						5,900.00
181006	3/8/2019	006974 RINGHOFER, WILLIAM	030619		HEALTH INSURANCE REIM MARCH 01-17-205-72435	601.70
Total :						601.70
181007	3/8/2019	009047 RIORDAN, DANIEL	022819		REIM.EXP. TRNG ILL AFAA FIRE AL 01-20-000-72140	50.00
Total :						50.00
181008	3/8/2019	011070 RIZZA BUICK GMC CADILLAC, INC	030619		4TH YEAR INCENTIVE 01-97-000-79138	80,484.67

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 17

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181008	3/8/2019	011070	011070 RIZZA BUICK GMC CADILLAC, INC (Continued)			Total : 80,484.67
181009	3/8/2019	006874	ROBINSON ENGINEERING CO. LTD. 19020363		PROJ#16-R0398.04 84TH AVE LAFC 33-00-000-75806	2,256.01 Total : 2,256.01
181010	3/8/2019	006922	RUBINO'S ITALIAN IMPORTS 025		SUB PLATTERS 01-23-000-72220	99.98 Total : 99.98
181011	3/8/2019	018892	SABRINA COLLINS, GABRIELLE GIBSON Ref001373354		UB Refund Cst #00505146 60-00-000-20599	24.84 Total : 24.84
181012	3/8/2019	007629	SAM'S CLUB DIRECT 5025		LYSOL,SODA,COOKIE TRAY,WATEF 01-14-000-73115 01-25-000-73580 01-14-000-73115 60-00-000-73115 01-23-000-73115 01-24-000-73115 5232 LOOPED END,BATTERIES,SODA,W. 01-14-000-73115 01-25-000-73580 60-00-000-73110 01-23-000-73110 01-24-000-73110 01-14-000-73110 01-14-000-73115 01-25-000-73115 01-33-300-73115 01-33-310-73115	21.56 14.96 19.98 7.97 7.97 3.98 22.84 7.98 7.99 7.99 4.00 108.78 7.47 7.47 7.47 7.47
					Total :	265.88
181013	3/8/2019	007346	SCHMECKPEPER, GREGORY 030419		PER DIEM: LODG,MEALS,FUEL/FTC 01-17-220-72140	258.20
			030419.		PER DIEM: LODG,MEALS/RAPID DE	

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 18

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181013	3/8/2019	007346 SCHMECKPEPER, GREGORY	(Continued)		01-17-220-72140	239.71
					Total :	497.91
181014	3/8/2019	007453 SERVICE SANITATION, INC.	7679022		VTP-015832 SERVICE CONTRACT 01-19-000-72750	143.78
					Total :	143.78
181015	3/8/2019	002592 SPOK, INC.	C60925660		ACCT#6092566-6 PAGER SERVICE 01-19-000-72125 01-17-205-72125 01-25-000-72125	156.37 64.25 8.23
					Total :	228.85
181016	3/8/2019	011767 STALEY, JENNIFER	030419		REIM. EXP.MEALS/ MABAS CONF 2 01-21-210-72170	58.86
					Total :	58.86
181017	3/8/2019	012238 STAPLES BUSINESS ADVANTAGE	3405995229 3405995230		INDEX MARKERS 01-13-000-73110 TONER,2019 PLR POLY BLK MLY 8> 01-17-205-72565	79.48 129.98
					Total :	209.46
181018	3/8/2019	015452 STEINER ELECTRIC COMPANY	S006282219.001 S006284368.001 S006285463.001 S006287918.001		FLUORESCENT LAMP 01-25-000-73570 FORKBOLT,PC BOX 01-24-000-73570 VOLT ELECTRICAL TESTER W/FIEL 01-25-000-73410 CONTCT MOD PLUGS 01-25-000-73570	177.00 61.05 271.49 27.89
					Total :	537.43
181019	3/8/2019	005521 STEPHEN A. LASER ASSOCIATES	2006663		MARTIN JANKOWSKI PS TELECOM 01-41-040-72846	550.00
					Total :	550.00

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 19

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181020	3/8/2019	007438 SUB TRAILER HITCH, INC.	12513		HITCH PLATE 01-23-000-72540	600.00
Total :						600.00
181021	3/8/2019	018878 SUPERION LLC	225271	VTP-016574	<IT> - REPLACEMENT 911 CAD SEF 11-00-000-74126	18,880.00
			225335	VTP-016574	<IT> - REPLACEMENT 911 CAD SEF 11-00-000-74126	70,864.00
Total :						89,744.00
181022	3/8/2019	007297 SUTTON FORD INC./FLEET SALES	479307		SEAL 01-17-205-72540	2.63
			479370		GEAR ASY,CORE 01-17-205-72540	1,221.70
			479370CM		CREDIT CORE 01-17-205-72540	-400.00
			479657		PLUNGER,TUBE,BUSHING,CLAMP, 01-23-000-72540	103.83
			613475		LABOR/ARM ASY 01-17-205-72540	330.75
Total :						1,258.91
181023	3/8/2019	017944 TARGETSOLUTIONS LEARNING, LLC	021419	VTP-016687	TRAINING TUITION 01-19-000-72145	14,480.96
Total :						14,480.96
181024	3/8/2019	011248 TEMPERATURE EQUIPMENT CORP.	030619		17TH SEMI ANNUAL INCENTIVE PA' 01-97-000-79129	310,501.00
Total :						310,501.00
181025	3/8/2019	012107 THE CAR SPA AT PARK HILLS	78641		COMPLETE INTERIOR WATER UNIT 60-00-000-72540	99.95
Total :						99.95
181026	3/8/2019	018724 THE LOCKER SHOP	60204		PANTS 01-19-000-73610	138.00
Total :						138.00

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 20

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181027	3/8/2019	014854 THOMSON REUTERS-WEST PYMNT CTF	839903930		WEST INFO CHARGES 2/1/19-2/28/01-17-225-72852	188.47
					Total :	188.47
181028	3/8/2019	014829 T-N-T DANCE EXTREME	030119		DANCE/DISCOVER TINLEY 01-41-046-72981	100.00
					Total :	100.00
181029	3/8/2019	010565 TP HOTEL & CONVENTION CTR LLC	0405-ERVbk0318020060	VTP-016727	DISCOVER TINLEY CONVENTION H 01-41-046-72981	11,047.62
					Total :	11,047.62
181030	3/8/2019	015532 TRI-ELECTRONICS, INC.	244639	VTP-016706	KEY FOBS/DUAL READER INTERFA 01-25-000-73870	1,699.50
					Total :	1,699.50
181031	3/8/2019	012727 VERIPIC INC	34049	VTP-016714	SERVICE CONTRACT FOR VERIPIC 01-17-220-72655	600.00
					Total :	600.00
181032	3/8/2019	004192 VILLAGE OF FRANKFORT	40010000001		ACCT#400-1000-00-01 1/1/19-2/1/19 60-00-000-73227	115,668.03
					Total :	115,668.03
181033	3/8/2019	014938 VILLAGE OF LANSING	030619		17TH INCENTIVE PAYMENT 01-97-000-79129	160,501.00
					Total :	160,501.00
181034	3/8/2019	006362 VILLAGE OF OAK LAWN	1-9990015-00		ACCT#1-9990015-00 2/1/19-3/1/19 60-00-000-73220	899,852.44
					Total :	899,852.44
181035	3/8/2019	006429 VILLAGE OF ORLAND HILLS	030619		10TH IGA PAYMENT 01-97-000-79125	19,931.16
					Total :	19,931.16
181036	3/8/2019	008158 VIOLETTO JR, RAYMOND	030419		PER DIEM:MEALS/LANE BRYANT H 01-17-225-72130	70.00

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Page: 21

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181036	3/8/2019	008158	008158 VIOLETTO JR, RAYMOND		(Continued)	Total : 70.00
181037	3/8/2019	012368	VISION INTEGRATED GRAPHICS,LLC	522566	LATE NOTICES FOR JAN 1ST 2019 |	
					60-00-000-72310	183.24
					60-00-000-72110	744.90
			522567		WATER BILLS FEB 1ST 2019	
					60-00-000-72310	1,684.97
					Total :	2,613.11
181038	3/8/2019	010165	WAREHOUSE DIRECT WORKPL SOLTNS	4204344-0	SOAP	
					01-25-000-73580	56.85
			4207786-0		MARKER,SCREEN	
					01-23-000-73110	10.04
					01-25-000-73580	74.84
					Total :	141.73
181039	3/8/2019	016358	WILL COOK GRUNDY COUNTY	TFCNF-017	SZYMUSIAK,TRINIDAD/CONF MARC	
					01-17-205-72170	220.00
					Total :	220.00
137 Vouchers for bank code : apbank						Bank total : 2,250,653.80
137 Vouchers in this report						Total vouchers : 2,250,653.80

vchlist
03/08/2019 9:26:35AM

Voucher List
Village of Tinley Park

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
----------------	-------------	---------------	----------------	-------------	----------------------------	---------------

The Tinley Park Village Board having duly met at Village Hall do hereby certify that the following claims or demands against said village were presented and are approved for payment as presented on the above listing.

In witness thereof, the Village President and Clerk of the Village of Tinley Park, hereunto set their hands.

_____ Village President

_____ Village Clerk

_____ Date

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 1

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181040	3/15/2019	012582 A RAYE OF COLOR	030619		BENCH ARTIST SUPPLIES 01-35-000-72923	400.00
					Total :	400.00
181041	3/15/2019	010318 ADVOCATE CHRIST MEDICAL CNTR	031219		25BLS PROV E-CARDS/15 HEARTS. 01-20-000-73606	330.00
					Total :	330.00
181042	3/15/2019	002734 AIR ONE EQUIPMENT, INC	141595	VTP-016493	BUNKER GEAR 01-19-000-74619	1,478.00
			141596		01-19-000-74619	26.00
					SENSIT METER REPAIR/AIR PAKS 01-19-000-72578	175.00
					Total :	1,679.00
181043	3/15/2019	018904 ALI, NABIL	Ref001373708		UB Refund Cst #00507541 60-00-000-20599	23.10
					Total :	23.10
181044	3/15/2019	018781 ALTORFER INDUSTRIES INC	P50C1078259		VALVES 01-23-000-72530	280.19
					Total :	280.19
181045	3/15/2019	011227 AMERICAN SOLUTIONS FOR	INV04000185		AP CHECK STOCK 01-14-000-73110	355.96
					60-00-000-73110	30.95
					Total :	386.91
181046	3/15/2019	002756 APCO INTERNATIONAL INC.	00043067	VTP-016700	APCO MONTHLY ILLUMINATIONS TI 01-21-210-72140	1,580.00
					Total :	1,580.00
181047	3/15/2019	017337 ARC DOCUMENT SOLUTIONS,LLC	56ILI9031133		INKS 01-33-300-73870	267.95
					01-35-000-73110	388.94
					Total :	656.89

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 2

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181048	3/15/2019	002569 ASSOC. OF GOVT. ACCOUNTANTS	34969		BRAD BETTENHAUSEN DUES,CGFI 01-15-000-72720	137.00
Total :						137.00
181049	3/15/2019	010953 BATTERIES PLUS - 277	277-P12221537		BATTERIES 14-00-000-74150	140.00
			277-P12295876		BATTERIES 14-00-000-74150	287.80
Total :						427.80
181050	3/15/2019	012511 BEST BUY BUSINESS ADVANTAGE	3713912		HEADSETS FOR PLOW DRIVERS 01-23-000-73870	119.97
Total :						119.97
181051	3/15/2019	016767 BESTWAY CHARTER TRANSPORTATION	030619		TRANSPORTATN/ DRURY LANE 4/4, 01-41-056-72954	870.00
Total :						870.00
181052	3/15/2019	002974 BETTENHAUSEN CONSTRUCTION SERV	190024		REMOVAL OF SPOILS/LIMESTONE VTP-016749 01-23-000-73860	135.00
				VTP-016749	70-00-000-73860	45.00
				VTP-016749	60-00-000-73860	270.00
			190025		REMOVAL OF SPOILS/LIMESTONE VTP-016749 60-00-000-73860	180.00
				VTP-016749	01-23-000-73860	90.00
				VTP-016749	70-00-000-73860	30.00
			190026		REMOVAL OF SPOILS/LIMESTONE VTP-016749 60-00-000-73681	350.00
			190027		REMOVAL OF SPOILS/LIMESTONE VTP-016749 01-23-000-72890	750.00
Total :						1,850.00
181053	3/15/2019	002922 BONAREK, JOHN	013119.		PER DIEM:LODG,MEALS/MAGNET L 01-17-225-72140	761.40
			013119..		PERDIEM:LODG,MEALS/ADVNCDC 01-17-225-72140	1,015.20
Total :						1,776.60

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 3

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181054	3/15/2019	011768 BRAZITIS, NICOLE	030919		REIM EXP MABAS MEALS/PARKING 01-21-210-72170	72.44
			031119		REIM.EXP.MILEAGE 235 @ .58 MAB 01-21-210-72170	136.30
					Total :	208.74
181055	3/15/2019	007654 BREMEN HIGH SCHOOL DIST 228	030619		BENCH ARTIST SUPPLIES 01-35-000-72923	400.00
					Total :	400.00
181056	3/15/2019	003396 CASE LOTS INC	7916		CUPS,TOILET TISSUE,TOWELS 01-25-000-73580	349.19
					Total :	349.19
181057	3/15/2019	003334 CCP INDUSTRIES, INC	IN02262716		WIPES 60-00-000-72710	71.18
					01-24-000-72710	71.18
					01-23-000-72710	71.18
					01-19-000-72530	71.18
					01-17-205-72710	92.19
					01-33-300-72710	50.18
					01-12-000-72540	29.17
					01-21-000-72530	29.17
			IN02269252		HAND TOWELS 60-00-000-72710	29.30
					01-24-000-72710	29.30
					01-23-000-72710	29.30
					01-19-000-72710	29.30
					01-17-205-72710	37.54
					01-33-300-72710	21.06
					01-12-000-72540	12.82
					01-21-000-72530	12.82
					Total :	686.87
181058	3/15/2019	003243 CDW GOVERNMENT INC	RGH3177		ADAPTER RING 30-00-000-74111	184.82

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 4

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181058	3/15/2019	003243	003243 CDW GOVERNMENT INC		(Continued)	Total : 184.82
181059	3/15/2019	003229	CED/EFENGEE		5025-523050 BULBS	34.69
			5025-523926		30-00-000-74106 STREET LIGHTING BULBS	488.77
			5025-524167	VTP-016643	01-25-000-73570 1000W PH-CNTRL	254.60
					01-25-000-73570	Total : 778.06
181060	3/15/2019	015199	CHICAGO PARTS & SOUNDS LLC		2J0000898 MIRROR	229.50
			2J0000909		01-17-205-72540 DEVMT DOCKSTATION PAN	749.00
					01-17-205-72550	Total : 978.50
181061	3/15/2019	017349	CHICAGO STREET CCDD, LLC		17071 DUMP FEES	560.00
				VTP-016739	01-23-000-72890	Total : 560.00
181062	3/15/2019	003137	CHRISTOPHER B.BURKE ENGINEERNG		149210 PROJ#01.R160373.00008 POST#5 I	3,926.00
			149211		61-00-000-72840 PROJ#01.R160373.00002 ENG SER'	4,141.62
			149212		60-00-000-72480 PROJ#01.R160373.00005 TP FIRE S	11,448.30
			149213		33-00-000-75907 PROJ#01-R160373.00009 HARMON'	1,331.00
					30-00-000-75905	Total : 20,846.92
181063	3/15/2019	017298	COMCAST BUSINESS		77831209 ACCT#930890410 16250 OAK PARK	1,145.05
					01-14-000-72125	Total : 1,145.05
181064	3/15/2019	012057	COMCAST CABLE		8771401810028977 ACCT#8771401810028977 3/16/19-4	21.00
			8771401810296319		01-25-000-72517 ACCT#8771 40 181 0296319 3/8/19-	231.85
					01-14-000-72125	

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 5

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181064	3/15/2019	012057	012057 COMCAST CABLE		(Continued)	Total : 252.85
181065	3/15/2019	018311	CONNECTION		56576285 VIDEO CABLE,HDMI	15.05
					56588471 01-16-000-72565	
				VTP-016682	<COMD> - TABLET REPLACEMENT	2,510.10
					56595859 30-00-000-74128	
					TONER	
					60-00-000-73110	277.91
					Total :	2,803.06
181066	3/15/2019	012522	CONNEY SAFETY PRODUCTS, LLC		05673009 MEDICAL SUPPLIES	
					01-21-000-73870	256.85
					05673045 MEDICAL SUPPLIES	
					01-21-000-73870	49.03
					05674218 MEDICAL SUPPLIES	
					60-00-000-73117	43.07
					01-23-000-73117	43.07
					01-24-000-73117	21.54
					05677090 VESTS	
					60-00-000-73845	70.73
					01-23-000-73845	70.73
					01-24-000-73845	35.36
					Total :	590.38
181067	3/15/2019	012410	CONSERV FS, INC.		66027572 E-Z REACHER	
					01-23-000-73410	58.00
					66027573 E-Z REACHER	
					01-23-000-73410	76.00
					66027577 E-Z REACHER	
					01-23-000-73410	114.00
					Total :	248.00
181068	3/15/2019	003222	CONSOLIDATED HIGH SD 230		030619 BENCHES ARTIST SUPPLIES	
				VTP-016723	01-35-000-72923	1,200.00
					Total :	1,200.00
181069	3/15/2019	018152	CORE INTEGRATED MARKETING		115039 BANNERS	

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 6

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181069	3/15/2019	018152 CORE INTEGRATED MARKETING	(Continued)			
			115041		01-35-000-72923 BANNERS	60.00
					01-35-000-72923	110.50
					Total :	170.50
181070	3/15/2019	011842 CTF ILLINOIS	030619		BENCH ARTIST SUPPLIES	
					01-35-000-72923	400.00
					Total :	400.00
181071	3/15/2019	012855 CYLINDERS INC.	44182		PLOW CYLINDER/PARTS	
					01-23-000-72540	375.05
					Total :	375.05
181072	3/15/2019	010061 D W RAM CORPORATION	13410		LASER LETTERS	
					01-17-220-73600	133.00
					Total :	133.00
181073	3/15/2019	018896 DE JONG, KATHLEEN	030619		BENCH ARTIST SUPPLIES	
					01-35-000-72923	400.00
					Total :	400.00
181074	3/15/2019	018898 DIBARTOLO, DANTE R	030619		BENCH ARTIST SUPPLIES	
					01-35-000-72923	400.00
					Total :	400.00
181075	3/15/2019	018895 DILLON, DANIEL J	030619		BENCH ARTIST SUPPLIES	
					01-35-000-72923	400.00
					Total :	400.00
181076	3/15/2019	003770 DUSTCATCHERS INC	59492		MATS/PW GARAGE	
					01-25-000-72790	103.00
					Total :	103.00
181077	3/15/2019	017073 DYNEGY ENERGY SERVICES LLC	146561319031		ACCT#GMCTIN1000 ENERGY SERV	
					60-00-000-72510	19,633.71
					Total :	19,633.71

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 7

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181078	3/15/2019	004109 EASTERN ILLINOIS UNIVERSITY	030619		MEMBERSHIP/BETTENHAUSEN,ZO 01-15-000-72720	165.00
					Total :	165.00
181079	3/15/2019	011176 ELEMENT GRAPHICS & DESIGN, INC	14418		BANNERS 30-00-000-72987	511.25
			14436		GRAPHICS 01-17-205-72540	181.84
					Total :	693.09
181080	3/15/2019	015853 FIRE SERVICE INC.	29255		SERV VIN#4EN3ABA8151009236M # 01-19-000-72540	550.75
					Total :	550.75
181081	3/15/2019	018560 FITZPATRICK, JOSEPH T.	031319		REIM.EXP.LODG,MEALS/WASTEWA/ 60-00-000-72140	414.25
					Total :	414.25
181082	3/15/2019	015058 FLEETPRIDE	22384940		BO RELEASE FILLED COMPLETE 01-19-000-72540	287.04
					Total :	287.04
181083	3/15/2019	012941 FMP	52-416297		TIE ROD 01-23-000-72540	104.62
			52-416354		CREDIT SEMI LOADED CALIPERS 60-00-000-72540	-145.60
			52-416375		HOSE-RADIATOR 01-17-205-72540	62.74
					Total :	21.76
181084	3/15/2019	004346 FRAME TECH, INC.	35701		WHEEL ALIGN POLICE #2B 01-17-205-72540	55.00
			35733		WHEEL ALIGNMENT #8A 01-17-205-72540	55.00
			35752		WHEEL ALIGNMENT #15A 01-17-205-72540	55.00
					Total :	165.00

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 8

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181085	3/15/2019	018387 GBJ SALES, LLC	2024		JANITORIAL SUPPLIES 60-00-000-73550	361.70
Total :						361.70
181086	3/15/2019	004538 GOLDY LOCKS	667880		DUPL KEY 01-17-220-73600	7.90
			668043		DUPL KEY 01-25-000-73840	2.75
			668224		DUPL KEY 01-25-000-73840	8.25
Total :						18.90
181087	3/15/2019	018063 GOVERNMENT CONSULTING SERVICES	3700-03-2019		GOV RELATIONS SERV ST OF ILL M 01-14-000-72790	3,000.00
Total :						3,000.00
181088	3/15/2019	004438 GRAINGER	9104051132		RADIO CONTROL TRANSMITTER 01-19-000-72530	346.08
			9104671590		BARRICADES,HOOK/LOOP DISC B/ 01-19-000-73410	269.12
			9104727772		MINIATURE LAMP 01-19-000-72540	15.06
			9106834030		ABSORBENT PAD 60-00-000-72540	53.78
					01-23-000-72540	53.78
					01-24-000-72540	53.78
					01-17-205-72540	80.68
					01-33-300-72540	26.90
Total :						899.18
181089	3/15/2019	015198 GREEN PROMOTING LLC	52879	VTP-016664	GIVEAWAY BAGS FOR DISCOVER 1 01-41-046-72981	1,575.35
Total :						1,575.35
181090	3/15/2019	018903 HAMILTON, JESSICA	030619		BENCH ARTIST SUPPLIES 01-35-000-72923	400.00
Total :						400.00

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 9

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181091	3/15/2019	004741 HEARTS & FLOWERS	008486		FRESH ARRANGEMENT 60-00-000-73115	58.00 Total : 58.00
181092	3/15/2019	018696 HENRY'S HOUSE OF DECORATED	107		T-SHIRTS,HOODIES,JACKETS,CAP: 60-00-000-73610 01-23-000-73610	131.00 140.00 Total : 271.00
181093	3/15/2019	015600 HOWARD, KENNETH	031319		REIM. EXP. MEALS,LODGING/WAST 60-00-000-72140	387.73 Total : 387.73
181094	3/15/2019	014528 ILL. ASSOC. OF PROPERTY AND	031319	VTP-016747	CONF REGIST VICKI SEDOROOK 01-17-205-72140	400.00 Total : 400.00
181095	3/15/2019	002767 ILLINOIS APCO	595		IL APCO LEADERSHIP SYM TELECC 01-21-210-72140	15.00 Total : 15.00
181096	3/15/2019	015497 ILLINOIS SECRETARY OF STATE	030619		RENEWAL REGISTRATION 01-17-205-72860	202.00 Total : 202.00
181097	3/15/2019	005025 INTERNATIONAL CODE COUNCIL INC	1001013710		SPRINKLER REVIEW/FIRST BAPTIS 01-33-300-72844	700.00 Total : 700.00
181098	3/15/2019	010377 JIMMY JOHN'S GOURMET SANDWICH	2236237		SUB PLATTER 01-17-205-72220	46.50 Total : 46.50
181099	3/15/2019	015471 JOHNSON, KEVIN	030619		BENCH ARTIST SUPPLIES 01-35-000-72923	400.00 Total : 400.00
181100	3/15/2019	005384 KIRBY SCHOOL DISTRICT # 140	030619		BAND/DISCOVER TINLEY	

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 10

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181100	3/15/2019	005384 KIRBY SCHOOL DISTRICT # 140	(Continued)		01-41-046-72981	100.00
					Total :	100.00
181101	3/15/2019	005349 KORTUM, LISA	031219		REIM.EXP.IL APCO LEADERSHIP S` 01-21-210-72140	15.00
					Total :	15.00
181102	3/15/2019	018760 KOZ, RICHARD J	013119	VTP-016259	SVENGOOLIE APPEARANCE AT DIS 01-41-046-72981	750.00
					Total :	750.00
181103	3/15/2019	016616 KURTZ AMBULANCE SERVICE INC.	10073		EMS SERVICE AGREEMENT 2/1/19- 01-21-000-72856	53,625.42
					Total :	53,625.42
181104	3/15/2019	012698 LEADS ONLINE LLC	249686	VTP-016740	LEADS ONLINE 01-17-225-72720	3,688.00
					Total :	3,688.00
181105	3/15/2019	001232 LILLY, JENNIFER	030619	VTP-016725	BENCH ARTIST SUPPLIES 01-35-000-72923	800.00
					Total :	800.00
181106	3/15/2019	018457 LOPEZ, VERONICA	030119		FACE PAINTER/DISCOVER TINLEY 01-41-046-72981	250.00
					Total :	250.00
181107	3/15/2019	012396 LORENZEN, ALLEN	031319		REIM.EXP.RECERT CROSS CONNE 60-00-000-72720	25.00
					Total :	25.00
181108	3/15/2019	012471 MABAS	D19-012		REGIST NICOLE BRAZITIS MABAS I 01-21-210-72170	250.00
			D19-023		REGIST JENNIFER STALEY MABAS 01-21-210-72170	250.00
			D19-024		REGIST JESSICA WAISHWELL MAE 01-21-210-72170	250.00

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 11

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181108	3/15/2019	012471	012471 MABAS		(Continued)	Total : 750.00
181109	3/15/2019	013969	MAP AUTOMOTIVE OF CHICAGO		40-499123 ELEMENT ASY	
					01-17-205-72540	162.24
					40-499330 BATTERY ASSY,CORE CHARGE	
					01-17-205-72540	394.75
					40-499593 SENDER/PUMP	
					01-17-205-72540	289.62
					40-499852 EVOLUTION CER,BRAKE ROTOR	
					01-17-205-72540	110.30
					Total :	956.91
181110	3/15/2019	012631	MASTER AUTO SUPPLY, LTD.		15030-66580 OIL	
					01-20-000-72540	26.70
					15030-66678 CREDIT SERP BELT	
					01-19-000-72540	-37.36
					15030-66699 TIE RODS	
					01-17-205-72540	72.09
					15030-66811 WHEEL CYLINDER,BRAKE SHOE S	
					60-00-000-72540	51.88
					Total :	113.31
181111	3/15/2019	005645	MEADE ELECTRIC COMPANY INC.		685399 LED PHASE 2/VARIOUS LOCATION	
					30-00-000-75500	185,229.08
					686378 TRAFFIC SIGNAL MAINT 171,173 OF	
					01-24-000-72775	495.00
					Total :	185,724.08
181112	3/15/2019	006074	MENARDS		61181 REFILL STRIPS	
					01-25-000-73110	2.38
					61192 TOUGH BOX	
					01-23-000-73870	15.96
					61224 TAPE	
					01-25-000-73110	9.94
					61249 CLIPS BOXES	
					60-00-000-73110	28.73
					01-23-000-73110	28.73

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 12

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181112	3/15/2019	006074 MENARDS	(Continued)			
			61279		01-24-000-73110 HEX,TUBE	14.36
			61280		01-24-000-73840 COVER BLANK,PLUG,RECEPT,OUT	13.58
			61292		01-25-000-73570 LATCH BOX,TRAY,PARTS BOX,HAN	38.41
					60-00-000-73110	9.53
					01-23-000-73110	9.53
					01-23-000-73870	93.97
					01-24-000-73110	4.76
			61326		LOCKING PLIER,CYLINDER	
					01-25-000-73410	12.44
			61330		SHIM	
					01-24-000-73840	3.56
			61334		GREEN LED,SPIKE LIGHTS	
					01-23-000-73570	50.88
			61334		CREDIT LED,SPIKE LIGHTS	
					01-23-000-73570	-50.88
			61335		PAIL	
					01-23-000-73870	8.97
			61345		LUMBER,PAINT,PAINT KIT,UTIL	
					60-00-000-73620	39.89
					60-00-000-73710	53.96
			61411		CLEANERS	
					01-25-000-73580	34.13
			61415		LUMBER,UTIL,PROTECTOR,SCREV	
					60-00-000-73840	43.98
					60-00-000-73620	11.78
					Total :	478.59
181113	3/15/2019	012517 MERIDIAN IT INC	444636		EM24 CONFIG CHANGES & TESTIN	
					14-00-000-72553	400.00
					Total :	400.00
181114	3/15/2019	005729 MR. RADIATOR & AIR COND SERV	042169		GAS TANK	
					01-17-205-72540	195.00

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 13

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181114	3/15/2019	005729 MR. RADIATOR & AIR COND SERV	(Continued) 042172		GAS TANK 01-17-205-72540	195.00
Total :						390.00
181115	3/15/2019	014443 MURPHY & MILLER, INC	MC00006160		POST#1 PUMP HOUSE 60-00-000-72750	423.50
			MC00006161	VTP-016734	PREVENTATIVE MAINENANCE WAT 60-00-000-72750	570.00
			SVC00020040		17381 S OPA METRA ST CHECKED 73-67-000-72530	459.00
Total :						1,452.50
181116	3/15/2019	018897 NATURE IN THINGS	030619		BENCH ARTIST SUPPLIES 01-35-000-72923	400.00
Total :						400.00
181117	3/15/2019	017979 NEMEC, BETHANY	030619		BENCH ARTIST SUPPLIES 01-35-000-72923	400.00
Total :						400.00
181118	3/15/2019	015723 NICOR	09977410001		ACCT#09-97-74-1000 1 7801 W 1919 01-25-000-72511	758.06
Total :						758.06
181119	3/15/2019	006388 O'HERN, MICHAEL E.	2019-01		ASSIST W/CRASH INVEST 1/25/19 2 01-17-205-72750	657.59
Total :						657.59
181120	3/15/2019	017434 ORDAZ, SHERRIE	030619		BENCH ARTIST SUPPLIES 01-35-000-72923	400.00
Total :						400.00
181121	3/15/2019	006464 ORLAND FIRE PROTECTION DISTR	11948		BLUE CARD CLASS REFRESHMEN 01-19-000-72145	220.80
Total :						220.80
181122	3/15/2019	012575 P & G KEENE ELECTRICAL	208247		ALT	

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 14

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181122	3/15/2019	012575 P & G KEENE ELECTRICAL	(Continued)		01-17-205-72540	321.20
Total :						321.20
181123	3/15/2019	013096 PACE SYSTEMS INC	IN00024567	VTP-016559	167TH ST PUMP STATION CAMERA 60-00-000-74604	5,130.00
			IN00024582	VTP-016652	<FD> - HEAD-END ALARM DISPLAY 14-00-000-72553	4,190.00
			IN00024583	VTP-016652	<FD> - HEAD-END ALARM DISPLAY 14-00-000-72553	35.00
Total :						9,355.00
181124	3/15/2019	006475 PARK ACE HARDWARE	034776/2		CLAMP,INSERT,TEE,ELBOW,PIPE 60-00-000-73630	20.14
			059942/1		CORD,BATTERIES 60-00-000-73570	35.96
			059959/1		KEY CHAIN,POCKET LEVEL,RULE 1 60-00-000-73410	26.05
			060126/1		HEATER 60-00-000-73870	31.19
			060165/1		CORD,MAG GLASS,KEY CHAIN,BUL 60-00-000-72528	60.81
			060167/1		GLOVES 60-00-000-73410	13.59
			060186/1		FAN 60-00-000-73870	26.39
			060270/1		TARPS 60-00-000-73870	13.58
			060351/1		CORD REEL 60-00-000-73410	15.98
			060418/1		VALVE BALL 60-00-000-73630	11.99
Total :						255.68
181125	3/15/2019	006598 PERSHA, DARREN	031319		PER DIEM:LODG,MEALS LEAD HOM 01-17-220-72140	814.80

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 15

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181125	3/15/2019	006598	006598 PERSHA, DARREN		(Continued)	Total : 814.80
181126	3/15/2019	017268	PETERSON, JOHNSON & MURRAY	11711	JABER/OTHERS SERV THRU 2/28/1	19.50
				11724	60-00-000-72850	30,266.50
				11725	VOTP-GENERAL MATTERS THRU 2	7,842.75
				11726	FOIA THRU 2/28/19	58.50
				11727	01-14-000-72850	3,919.50
				11728	DEMO OF 16836 S OAK PARK AVE	52.50
				11729	01-14-000-72850	897.00
				11730	TP MENTAL HEALTH CENTER THRU	2,607.50
				11731	01-14-000-72850	195.00
				11732	BREMEN TIF THRU 2/28/19	1,482.00
				11733	27-00-000-72850	292.50
				11737	RUDDSINSKI VS VOTP THRU 2/28/19	5,468.00
				11738	60-00-000-72850	156.00
				11739	TP 2019 NO CASH BID THRU 2/28/1	2,281.50
				11740	01-14-000-72850	2,301.00
					BANK OF AMERICA VS TP,TP PD,ET	Total : 57,839.75
					01-14-000-72850	
					VOTP GENERAL LABOR MATTER TI	
					01-14-000-72855	
					TP LOCAL#150-SKIP GRIEVANCE S	
					01-14-000-72855	
					TP PROSECUTIONS THRU 2/28/19	
					01-14-000-72850	
					METRA 80TH AVE LITIGATION THRU	
					01-14-000-72850	
					JOHNSON VS TP,VANDENBERG,ET	
					01-14-000-72855	
					EBERHARDT VS TP,K THIRION THF	
					01-14-000-72850	
181127	3/15/2019	006498	POLICE CHIEFS ASSC OF WILL CO	031219	MEMBERSHIP STANLEY TENCZA	50.00
					01-17-205-72720	

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 16

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181127	3/15/2019	006498	006498 POLICE CHIEFS ASSC OF WILL CO (Continued)			Total : 50.00
181128	3/15/2019	006780	POMP'S TIRE SERVICE, INC		TIRES 01-23-000-73560	233.88 Total : 233.88
181129	3/15/2019	014087	PROMOS 911, INC		FIRE HELMET KEYTAGS	
			8275	VTP-016691	01-20-000-73605 01-20-000-73605	315.00 18.58 Total : 333.58
181130	3/15/2019	013587	PROSHRED SECURITY		SHREDDING 36" 24" EXECUTIVE CO	
			100124873		01-17-205-72750	110.00 Total : 110.00
181131	3/15/2019	006850	QUILL CORPORATION		PENS,PADS	
			5572683		01-33-300-73110	63.54 Total : 63.54
181132	3/15/2019	006361	RAY O'HERRON CO. INC		UNIFORM/JON MITTELMAN	
			1912826-IN		01-17-205-73610	344.22
			1913442-IN		HOLSTER 01-17-205-73610	48.25 Total : 392.47
181133	3/15/2019	006874	ROBINSON ENGINEERING CO. LTD.		PROJ#12-544.04 SO ST INTERSECT	
			18120523		27-00-000-72840	49,875.00
			19020528		PROJ#18-R0617 NORTH ST RECON	
			19030070		27-00-000-72840 2019 MISC ENG SERV THRU 3/1/19	3,599.00
					01-14-000-72840	1,572.50
					01-23-000-72840	837.00
					01-33-310-72840	1,762.50
					60-00-000-72840	139.50
					65-00-000-72840	3,115.50 Total : 60,901.00
181134	3/15/2019	006874	ROBINSON ENGINEERING CO. LTD.		PROJ#16-R0402 175TH ST/RIDGEL	
			19020523			

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 17

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181134	3/15/2019	006874 ROBINSON ENGINEERING CO. LTD.	(Continued)		33-00-000-75806	29,428.35
					Total :	29,428.35
181135	3/15/2019	006982 ROSE, MARTY	030619		BENCH ARTIST SUPPLIES 01-35-000-72923	400.00
					Total :	400.00
181136	3/15/2019	007091 SAFETY KLEEN	79222077		WASHER SOLVENT, DRUM WASTE 60-00-000-72750	88.74
					01-24-000-72750	88.74
					01-17-205-72750	133.06
					01-33-300-72540	44.37
					01-23-000-72750	88.74
			79318247		WINDSHIELD FLUID 60-00-000-72750	63.83
					01-23-000-72750	63.83
					01-24-000-72750	63.83
					01-17-205-72750	95.75
					01-33-300-72540	31.91
					Total :	762.80
181137	3/15/2019	007629 SAM'S CLUB DIRECT	0354		TEA,SNACKS,436672 INVISIBLE 01-14-000-73115	90.89
					60-00-000-73115	15.98
					01-23-000-73115	15.98
					01-24-000-73115	8.00
					Total :	130.85
181138	3/15/2019	015314 SANCHEZ, VICKI	031319		REIM. EXP. COFFEE 30-00-000-75905	71.96
					Total :	71.96
181139	3/15/2019	011477 SCHULIEN, NICK	030619	VTP-016726	BENCH ARTIST SUPPLIES 01-35-000-72923	800.00
					Total :	800.00

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 18

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181140	3/15/2019	007453	SERVICE SANITATION, INC.	7655469	METRA ST IRISH PARADE/PORTABI 01-35-000-72923	355.00
Total :						355.00
181141	3/15/2019	018899	SHERIDAN, CASSANDRA	030619	BENCH ARTIST SUPPLIES 01-35-000-72923	400.00
Total :						400.00
181142	3/15/2019	013043	SITE DESIGN GROUP, LTD.	7482ph2-24	LANDSCAPE MAINT 1/27/19-2/23/19 01-23-000-72847	367.50
				7698-40	NATURAL AREAS MAINT 1/27/19-2/23/19 01-23-000-72847	67.50
				7946-22	MOWING 2017 1/27/19-2/23/19 01-23-000-72847	6,717.50
				7947-14	LAWN TREATMENT 2017 9/23/18-2/23/19 01-23-000-72847	66.25
				7955-11	IRRIGATION MAINT 2017 11/23/18-2/23/19 01-23-000-72847	66.25
				8081-14	DOWNTOWN PLANTERS 1/27/19-2/23/19 01-23-000-72847	210.00
				8322-07	FAIRFIELD GLEN RESTORATION 1/27/19-2/23/19 30-00-000-73681	3,455.00
				8323-08	APPLE POND DREDGING & RESTORATION 30-00-000-73681	6,142.50
				8498-02	SUBURBAN TREE CONSORTIUM 1/27/19-2/23/19 01-23-000-72847	790.00
Total :						17,882.50
181143	3/15/2019	007339	SIUE	022219	REGIST GENE LODE 01-33-300-72720	25.00
Total :						25.00
181144	3/15/2019	018905	S-L DISTRIBUTION CO LLC	031419	BUSINESS LIC RENEWAL DECREASE 01-14-000-79010	110.00
Total :						110.00
181145	3/15/2019	014886	SO.SUB.MAJOR CRIMES TASK FORCE	010819	SSMCTF ASSESSMENT 2019	

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 19

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181145	3/15/2019	014886	SO.SUB.MAJOR CRIMES TASK FORCE	(Continued)	01-17-205-72720	1,000.00
					Total :	1,000.00
181146	3/15/2019	015405	SSACOP	031219	DUES STANLEY TENCZA 01-17-205-72720	50.00
					Total :	50.00
181147	3/15/2019	013647	SSBOA	030819	DUES BUILDING INSPECTORS 01-33-300-72720	120.00
					Total :	120.00
181148	3/15/2019	012238	STAPLES BUSINESS ADVANTAGE	3397145316	BINDER,MEDICINE 01-17-205-73110	51.96
				3397145317	01-17-220-72855 CALCULATOR	49.77
				3397145318	01-14-000-73110 STAPLES,PENS,BINDER CLIPS,201	6.58
				3399992791	01-14-000-73110 PAD	55.85
				3401884809	01-14-000-73110 FILE,TAPE	9.03
				3404878568	60-00-000-73110 01-23-000-73110 01-24-000-73110 OFFICE SUPPLIES	43.68 21.59 10.79
				3404878569	01-14-000-73110 01-13-000-73110 01-41-056-73110	62.79 90.16 19.49
				3405470281	01-35-000-73110 01-15-000-73110 RELAX FUSION CUSHION	123.96 25.49
				3407162405	01-17-205-73600 STENO BOOK,ERASER,MARKER,T/	37.29
					01-14-000-73110 01-35-000-73110	67.42 13.08
					CREDIT INDEX MARKERS	

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 20

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181148	3/15/2019	012238	STAPLES BUSINESS ADVANTAGE		(Continued)	
					01-14-000-73110	-53.18
			3407162406		POS ROLLS,ADDING MACHINE RLS	
					01-15-000-73110	37.44
					01-13-000-73110	38.36
					01-14-000-73110	63.85
			3407162407		MAILING TUBES	
					01-14-000-73110	17.99
					Total :	793.39
181149	3/15/2019	015452	STEINER ELECTRIC COMPANY		S006270955.002	
				VTP-016738	STREET LIGHT SUPPLIES	
					01-24-000-73570	627.96
			S006272559.001		LAMP	
					01-24-000-73570	327.84
					Total :	955.80
181150	3/15/2019	018900	STUCKART, TYLER		030619	
					BENCH ARTIST SUPPLIES	
					01-35-000-72923	400.00
					Total :	400.00
181151	3/15/2019	018291	SUPERIOR PUMPING SERV,LLC		1611	
				VTP-016733	NEW MOTOR STARTER	
					60-00-000-72525	1,449.70
					Total :	1,449.70
181152	3/15/2019	007297	SUTTON FORD INC./FLEET SALES		479923	
					STRAP ASY	
					01-17-205-72540	109.68
			480075		TUBE FUEL FEED	
					01-17-205-72540	218.40
			480093		IKT KEY	
					60-00-000-72540	117.54
					Total :	445.62
181153	3/15/2019	000645	TED'S GREENHOUSE INC		515731	
				VTP-016750	LIGHT POLE HANGING BASKET INS	
					01-23-000-72881	6,436.00
					Total :	6,436.00
181154	3/15/2019	018724	THE LOCKER SHOP		ES 60003	
					CALUNGCAGUIN/CAP,PANTS,BELT	

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 21

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181154	3/15/2019	018724 THE LOCKER SHOP	(Continued)			
			OE 58985		01-19-000-73610 GRECO/SHIRT	348.00
			OE 59886		01-19-000-73610 FRENCH/SHIRT,CAP	74.00
			OE 59887		01-19-000-73610 P.MARIANOVICH/ SHIRTS	89.00
					01-19-000-73610	131.00
					Total :	642.00
181155	3/15/2019	007777 THOMPSON ELEVATOR INSPECTION	19-0926		8 ELEVATOR RE-INSPECTIONS	
			19-0949		01-33-300-72853 INSPECTION/CONDO 6745 SOUTH	266.00
					01-33-300-72853	75.00
					Total :	341.00
181156	3/15/2019	007930 TRANS UNION	02900402		BASIC SERV 1/26/19-2/25/19	
					01-17-225-72852	85.00
					Total :	85.00
181157	3/15/2019	008040 UNDERGROUND PIPE & VALVE CO	034212-01	VTP-016678	MAIN BREAK CLAMPS	
					60-00-000-73630	450.00
					Total :	450.00
181158	3/15/2019	011904 UPS	0000626634109		SHIPPER#626634	
					60-00-000-72110	11.23
					Total :	11.23
181159	3/15/2019	008011 URBANSKI, JOHN	030819		REIM.EXP.IRISH PARADE CANDY S	
					60-00-000-73115	90.64
					01-23-000-73115	90.63
					Total :	181.27
181160	3/15/2019	006362 VILLAGE OF OAK LAWN	6291		IEPA HARKER BOND PAYMENT REII	
			6299		60-00-000-73221	97,466.93
					IEPA BOOSTER BOND PAYMENT RE	
					60-00-000-73221	23,878.71

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 22

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181160	3/15/2019	006362	006362 VILLAGE OF OAK LAWN		(Continued)	Total : 121,345.64
181161	3/15/2019	018902	VILLARREAL, RICK	030819	BENCH ARTIST SUPPLIES 01-35-000-72923	400.00 Total : 400.00
181162	3/15/2019	010165	WAREHOUSE DIRECT WORKPL SOLTNS	4197706-0 4219751-0	STOOL 01-33-300-73610 CLIPBOARDS,CLNR 01-21-210-73110	185.10 32.46 Total : 217.56
181163	3/15/2019	011055	WARREN OIL CO.	W1207283	N.L. GAS USED 2/14/19-3/5/19 01-17-205-73530 01-19-000-73530 01-20-000-73530 01-21-000-73530 60-00-000-73530 01-23-000-73530 01-24-000-73530 01-33-300-73530 01-12-000-73530 01-14-000-73532 14-00-000-73530 01-53-000-73530 01-42-000-73545	5,427.53 274.68 68.31 48.40 765.87 563.44 248.34 123.87 130.31 16.33 22.53 129.95 163.82
				W1207284	DIESEL USED 2/14/19-3/5/19 01-19-000-73545 60-00-000-73545 01-23-000-73545 01-24-000-73545 01-14-000-73531	1,092.45 708.28 2,905.15 67.48 4,066.15 Total : 16,822.89
181164	3/15/2019	016358	WILL COOK GRUNDY COUNTY	TFCONF-023 TFCONF-030	TRAINING TUITION FRENCH 01-19-000-72145 TRAINING TUITION TONRA/ZANTA	110.00

vchlist
03/15/2019 8:50:12AM

Voucher List
Village of Tinley Park

Page: 23

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181164	3/15/2019	016358 WILL COOK GRUNDY COUNTY	(Continued)	VTP-016581	01-19-000-72145	220.00
Total :						330.00
181165	3/15/2019	008238 WINSTON'S MARKET	3743		SENIOR LUNCHEON 3/13/19 01-41-056-72954	550.68
Total :						550.68
181166	3/15/2019	008390 WORKOWSKI, KEVIN	030719		REIM.EXP. SPWDA LUNCHEON MT 60-00-000-72170	16.00
Total :						16.00
181167	3/15/2019	008636 ZETTLEMEIER'S BAKERY	0234860		PACZKI 01-41-056-72954	75.00
Total :						75.00
128 Vouchers for bank code : apbank						Bank total : 661,308.81
128 Vouchers in this report						Total vouchers : 661,308.81

The Tinley Park Village Board having duly met at Village Hall do hereby certify that the following claims or demands against said village were presented and are approved for payment as presented on the above listing.

In witness thereof, the Village President and Clerk of the Village of Tinley Park, hereunto set their hands.

_____ Village President

_____ Village Clerk

_____ Date

Voucher List
Village of Tinley Park

Bank code : ap_py

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
126207	3/22/2019	016864 ANTHEM BLUE CROSS BLUE SHIELD	PR000074705866		HEALTH INS-MAR PMT/APR-JUNE C 86-00-000-20430	403.50
Total :						403.50
126208	3/22/2019	016864 ANTHEM BLUE CROSS BLUE SHIELD	PR000074717811		HEALTH INS-MAR. PMT/APR-JUNE () 86-00-000-20430	329.51
Total :						329.51
126209	3/22/2019	003127 BLUE CROSS BLUE SHIELD	PR040119		IL065LB000001212-0 HEALTH INS E 86-00-000-20430	1,612.00
Total :						1,612.00
126210	3/22/2019	004640 HEALTHCARE SERVICE CORPORATION	PR040119		A/C#271855-HEALTH INS-MAR PMT. 86-00-000-20430	15,346.92
Total :						15,346.92
4 Vouchers for bank code : ap_py						Bank total : 17,691.93

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181168	3/22/2019	010318	ADVOCATE CHRIST MEDICAL CNTR	031919	10 BLS PROVIDER E-CARDS 01-20-000-73606	30.00
Total :						30.00
181169	3/22/2019	002734	AIR ONE EQUIPMENT, INC	139879	BOOTS 60-00-000-73845	251.00
				141994	TIC GAS DETECTER	
				VTP-016536	01-19-000-74604	7,995.00
Total :						8,246.00
181170	3/22/2019	014852	ALLDATA LLC	551246	SUBSCRIPTION TO ALLDATA-REPA 01-23-000-72655	1,500.00
Total :						1,500.00
181171	3/22/2019	002418	AMERICAN LEGION POST NO. 615	032019	BEVERAGE VOUCHERS HOLIDAY M 01-35-000-72954	12.00
Total :						12.00
181172	3/22/2019	010026	ANDERSON PUMP SERVICE	RH-12915	NOZZLE 01-25-000-72530	196.00
				RH-12923	FILTERS 01-25-000-72530	84.00
Total :						280.00
181173	3/22/2019	016864	ANTHEM BLUE CROSS BLUE SHIELD	AP000074705866	HEALTH INS EXPENSE-MAR PMT/A 60-00-000-72435	403.50
Total :						403.50
181174	3/22/2019	016864	ANTHEM BLUE CROSS BLUE SHIELD	AP000074717811	HEALTH INS EXPENSE-MAR PMT/A 60-00-000-72435	329.50
Total :						329.50
181175	3/22/2019	003166	B & J TOWING AND AUTO REPAIR	14873	SAFETY INSPECTION 2/4/19 60-00-000-72266	28.00
					01-23-000-72266	164.50
					01-24-000-72266	47.00
Total :						239.50

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181176	3/22/2019	010953	BATTERIES PLUS - 277	277-P12454639	BATTERIES 14-00-000-74150	147.80
Total :						147.80
181177	3/22/2019	016817	BEVERLY SNOW AND ICE INC	39537	AREA 5-PUBLIC SAFETY & FIRE ST, 01-23-000-72785	720.00
				39538	AREA 5-PUBLIC SAFETY & FIRE ST, 01-23-000-72785	720.00
				39540	AREA 17-FIRE STATION 2 01-23-000-72785	510.00
				39541	AREA 17-FIRE STATION 2 01-23-000-72785	510.00
				39543	AREA 18-FIRE STATION 3 01-23-000-72785	370.00
				39544	AREA 18-FIRE STATION 3 01-23-000-72785	370.00
				39546	AREA 19-FIRE STATION 4 01-23-000-72785	560.00
				39547	AREA 19-FIRE STATION 4 01-23-000-72785	560.00
				39549	AREA 15-HELIPORT & EMA 01-23-000-72785	1,860.00
				39550	AREA 15-HELIPORT & EMA 01-23-000-72785	1,860.00
				39551	AREA 15-HELIPORT & EMA 01-23-000-72785	580.00
				39552	AREA 1-HICKORY ST PARKING STA 01-23-000-72785	1,090.00
				39553	AREA 1-HICKORY ST PARKING STA 01-23-000-72785	1,090.00
				39558	AREA 8-MUNICIPAL LOT (SUBWAY I 01-23-000-72785	510.00
				39559	AREA 8-MUNICIPAL LOT (SUBWAY I 01-23-000-72785	510.00
				39567	AREA 12-80TH AVE NORTH TRAIN S 70-00-000-72740	5,700.00
				39568	AREA 12-80TH AVE NORTH TRAIN S	

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181177	3/22/2019	016817 BEVERLY SNOW AND ICE INC	(Continued)			
			39569		70-00-000-72740 AREA 12-80TH AVE NORTH TRAIN S	5,700.00
			39570		70-00-000-72740 AREA 2-OAK PARK AVE TRAIN STAT	1,800.00
			39571		70-00-000-72740 AREA 2-OAK PARK AVE TRAIN STAT	2,150.00
			39572		70-00-000-72740 AREA 2-OAK PARK AVE TRAIN STAT	2,150.00
			39573		70-00-000-72740 AREA 20-PAWS	600.00
			39576		01-23-000-72785 AREA 14-POLICE STATION	305.00
			39577		01-23-000-72785 AREA 14-POLICE STATION	830.00
			39582		01-23-000-72785 AREA 13-80TH AVE SOUTH TRAIN S	850.00
			39583		70-00-000-72740 AREA 13-80TH AVE SOUTH TRAIN S	6,100.00
			39584		70-00-000-72740 AREA 13-80TH AVE SOUTH TRAIN S	6,100.00
			39585		70-00-000-72740 AREA 6-MUNICIPAL LOT(UNITED MI	1,900.00
			39586		01-23-000-72785 AREA 6-MUNICIPAL LOT(UNITED MI	440.00
			39588		01-23-000-72785 VILLAGE HALL 16250 S OAK PARK /	440.00
			39589		01-23-000-72785 AREA 7-VILLAGE HALL	1,660.00
			39590		01-23-000-72785 AREA 7-VILLAGE HALL	1,660.00
			39591		01-23-000-72785 AREA 4-VOGT PLAZA	490.00
			39592		01-23-000-72785 AREA 4-VOGT PLAZA	330.00
			39594		01-23-000-72785 AREA 3-ZABROCKI PLAZA	330.00

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181177	3/22/2019	016817 BEVERLY SNOW AND ICE INC	(Continued)			
			39595		01-23-000-72785 AREA 3-ZABROCKI PLAZA 01-23-000-72785	560.00 560.00
Total :						52,475.00
181178	3/22/2019	016817 BEVERLY SNOW AND ICE INC	39534		AREA 21-TINLEY CREEK BRIDGE 01-23-000-72785	160.00
			39535		AREA 21-TINLEY CREEK BRIDGE 01-23-000-72785	160.00
			39536		AREA 21-TINLEY CREEK BRIDGE 01-23-000-72785	50.00
			39539		AREA 5-PUBLIC SAFETY & FIRE ST. 01-23-000-72785	130.00
			39542		AREA 17-FIRE STATION 2 01-23-000-72785	160.00
			39545		AREA 18-FIRE STATION 3 01-23-000-72785	110.00
			39548		AREA 19-FIRE STATION 4 01-23-000-72785	160.00
			39554		AREA 1-HICKORY ST PARKING STA 01-23-000-72785	300.00
			39555		AREA 11-MUNICIPAL LOT (ED & JOE 01-23-000-72785	300.00
			39556		AREA 11-MUNICIPAL LOT (ED & JOE 01-23-000-72785	300.00
			39557		AREA 11-MUNICIPAL LOT (ED & JOE 01-23-000-72785	90.00
			39560		AREA 8-MUNICIPAL LOT (SUBWAY I 01-23-000-72785	140.00
			39561		AREA 9-MUNICIPAL LOT (BATH & KI 01-23-000-72785	220.00
			39562		AREA 9-MUNICIPAL LOT (BATH & KI 01-23-000-72785	220.00
			39563		AREA 9-MUNICIPAL LOT (BATH & KI 01-23-000-72785	65.00
			39564		AREA 10-MUNICIPAL LOT (CARDIN/	

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181178	3/22/2019	016817 BEVERLY SNOW AND ICE INC	(Continued)			
			39565		01-23-000-72785 AREA 10-MUNICIPAL LOT (CARDIN/	230.00
			39566		01-23-000-72785 AREA 10-MUNICIPAL LOT (CARDIN/	230.00
			39574		01-23-000-72785 AREA 20-PAWS	65.00
			39575		01-23-000-72785 AREA 20-PAWS	305.00
			39578		01-23-000-72785 AREA 14-POLICE STATION	90.00
			39579		01-23-000-72785 AREA 16-POST 11	245.00
			39580		01-23-000-72785 AREA 16-POST 11	220.00
			39581		01-23-000-72785 AREA 16-POST 11	220.00
			39587		01-23-000-72785 AREA 6-MUNICIPAL LOT(UNITED MI	60.00
			39593		01-23-000-72785 AREA 4-VOGT PLAZA	130.00
			39596		01-23-000-72785 AREA 3-ZABROCKI PLAZA	90.00
					01-23-000-72785	150.00
					Total :	4,600.00
181179	3/22/2019	003127 BLUE CROSS BLUE SHIELD	AP040119		IL065LB000001212-0 HEALTH INS E	
					01-33-300-72435	101.00
					60-00-000-72435	369.50
					01-12-000-72435	107.00
					01-20-000-72435	226.00
					01-23-000-72435	304.00
					01-33-300-72435	80.00
					60-00-000-72435	173.50
					Total :	1,361.00
181180	3/22/2019	018420 BOUND TREE MEDICAL LLC	83136207		TACTICAL BAG - FOR AED'S	

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181180	3/22/2019	018420 BOUND TREE MEDICAL LLC	(Continued)			
				VTP-016688	30-00-000-74142	739.72
					30-00-000-74142	36.87
		83136208			TACTICAL BAG FOR AED - NEW ES	
				VTP-016681	30-00-000-74220	184.23
					30-00-000-74220	17.35
		83139587			TRNG VALVE/MOUTHPIECE	
					01-20-000-73606	165.30
					Total :	1,143.47
181181	3/22/2019	003013 BROWNELLS, INC.	17242829.00			
				VTP-016742	FOREND LIGHT	
					01-17-220-73760	1,354.28
					Total :	1,354.28
181182	3/22/2019	014148 CALL ONE	1210676-1128114		VILLAGE LANDLINE PHONE SERV	
					01-19-000-72120	1,493.92
					60-00-000-72120	3,439.97
					01-17-205-72120	1,285.49
					01-14-000-72120	924.78
					01-11-000-72120	22.20
					01-12-000-72120	51.05
					01-17-205-72120	51.05
					01-19-000-72120	11.10
					01-23-000-72120	13.32
					01-24-000-72120	13.32
					01-33-310-72120	13.32
					01-33-320-72120	13.32
					60-00-000-72120	33.27
					01-12-000-72120	63.13
					01-14-000-72120	211.00
					01-15-000-72120	38.21
					01-17-205-72120	126.27
					01-19-000-72120	56.49
					01-20-000-72120	19.10
					01-23-000-72120	24.92
					01-24-000-72120	24.92
					01-33-300-72120	38.21

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181182	3/22/2019	014148 CALL ONE	(Continued)		01-33-310-72120 01-33-320-72120 01-35-000-72120 01-53-000-72120 60-00-000-72120	38.21 24.92 24.92 13.29 127.13 Total : 8,196.83
181183	3/22/2019	018906 CHAIN STORE GUIDES LLC	SIN024396	VTP-016766	SOFTWARE SUBSCRIPTION 01-33-320-72720	1,095.00 Total : 1,095.00
181184	3/22/2019	013991 CHICAGO OFFICE PRODUCTS CO.	963661-0		OFFICE SUPPLIES~ 01-19-000-73110	295.57 Total : 295.57
181185	3/22/2019	015199 CHICAGO PARTS & SOUNDS LLC	2J0000913 2J0000926 2J0000928	VTP-016764	1-WAY SEC,CAN DL & TRANS BYPA 01-17-205-72550 EMERGENCY LTS AND 2 WAY RADI 30-00-000-74232 LABOR 01-17-205-72540	329.00 1,092.48 275.00 Total : 1,696.48
181186	3/22/2019	017349 CHICAGO STREET CCDD, LLC	17085		DUMP FEE 01-23-000-72890	420.00 Total : 420.00
181187	3/22/2019	012917 COLLEGE OF DUPAGE	9926 9926.		1568988 AUSTIN ANDREWS BELOV 01-17-220-72140 1568092 DOMINIC MANZELLA BELC 01-17-220-72140	40.00 40.00 Total : 80.00
181188	3/22/2019	013878 COMED - COMMONWEALTH EDISON	0385181000 0385440022		ACCT#0385181000 RR ST 18001 80' 73-80-000-72510 ACCT#0385440022 SS BROOKSIDE	3,256.21

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181188	3/22/2019	013878	COMED - COMMONWEALTH EDISON			
			(Continued)			
			0471006425		60-00-000-72510 ACCT#0471006425 LITE CONTROLI	385.02
			0637059039		01-24-000-72510 ACCT#0637059039 7950 W TIMBER	51.56
			2922039023		60-00-000-72510 ACCT#2922039023 LITE ST LT CON	137.62
			4943163008		01-24-000-72510 ACCT#4943163008 7650 TIMBER DF	17.08
					70-00-000-72510	22.43
					Total :	3,869.92
181189	3/22/2019	018311	CONNECTION			
			56599623	VTP-016716	<IT> - REPLCMNT WORKSTATION C 01-25-000-72552	1,351.28
					Total :	1,351.28
181190	3/22/2019	012410	CONSERV FS, INC.			
			66027618		MEASURING WHEEL 01-23-000-73410	79.00
			66027631		STRUCTRON S605D,S600D 01-23-000-73410	89.76
					Total :	168.76
181191	3/22/2019	018152	CORE INTEGRATED MARKETING			
			115039.		FREIGHT 01-35-000-72923	2.50
					Total :	2.50
181192	3/22/2019	012855	CYLINDERS INC.			
			44195		PLOW CYLINDER 01-23-000-72540	405.05
					Total :	405.05
181193	3/22/2019	003770	DUSTCATCHERS INC			
			58549		MATS/VH 01-25-000-72790	65.93
			59491		MATS/PD 01-25-000-72790	85.41
					Total :	151.34
181194	3/22/2019	004009	EAGLE UNIFORM CO INC			
			274555		UNIFORMS - MARIANOVICH	

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
181194	3/22/2019	004009 EAGLE UNIFORM CO INC	(Continued)	VTP-016689	01-20-000-73610	361.00	
						Total :	361.00
181195	3/22/2019	011176 ELEMENT GRAPHICS & DESIGN, INC	14483		GRAPHICS 01-17-205-72540	52.74	
						Total :	52.74
181196	3/22/2019	018691 FGM ARCHITECTS	18-2533.01-4. 18-2533.01-5		ADDT'L DUE FD ST #47 11/24/18-12 33-00-000-75907 FD ST #47 12/29/18-1/25/19 33-00-000-75907	27,000.00 64,800.00	
						Total :	91,800.00
181197	3/22/2019	012941 FMP	52-417312 52-417545 52-417588		SENSOR 01-17-205-72540 FILTERS 01-24-000-72540 BRAKE LINING KIT,DISC PAD SET 01-24-000-72540	106.30 109.92 156.96	
						Total :	373.18
181198	3/22/2019	004346 FRAME TECH, INC.	35776		WHEEL ALIGNMENT/#3R 01-17-205-72540	305.00	
						Total :	305.00
181199	3/22/2019	017429 G-FORCE AUTOMOTIVE	031319	VTP-016756	REPAIR TOWER TRUCK 48 01-19-000-72530	1,200.00	
						Total :	1,200.00
181200	3/22/2019	015397 GOVTEMPSUSA LLC	2734248		2/24/19 & 3/3/19 PAULA WALLRICH 01-33-000-72750	6,597.78	
						Total :	6,597.78
181201	3/22/2019	004438 GRAINGER	9104930731 9113155569		HARD HAT,FIRE EXTINGUISHER 60-00-000-73845 01-35-000-73870 LETTER TRAY	21.04 124.74	

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181201	3/22/2019	004438 GRAINGER	(Continued)		60-00-000-73110	26.80
					01-23-000-73110	26.80
					01-24-000-73110	13.41
			9115653124		GLOVES	
					60-00-000-73845	95.76
					01-23-000-73845	95.76
					01-24-000-73845	47.88
					Total :	452.19
181202	3/22/2019	015198 GREEN PROMOTING LLC	52911		PUBLIC WORKS SHIRTS	
				VTP-016718	60-00-000-73610	340.20
				VTP-016718	01-23-000-73610	340.20
				VTP-016718	01-24-000-73610	170.10
					60-00-000-73610	11.88
					01-23-000-73610	11.88
					01-24-000-73610	5.94
					Total :	880.20
181203	3/22/2019	004640 HEALTHCARE SERVICE CORPORATION	AP040119		A/C#271855-HEALTH INS EXPENSE	
					01-23-000-72435	597.43
					01-17-205-72435	394.51
					01-23-000-72435	394.51
					01-21-210-72435	307.89
					01-25-000-72435	197.26
					60-00-000-72435	197.26
					01-25-000-72435	809.51
					01-23-000-72435	1,333.44
					01-33-300-72435	394.51
					01-23-000-72435	394.51
					01-24-000-72435	938.93
					01-23-000-72430	-0.31
					Total :	5,959.45
181204	3/22/2019	004820 I.A.F.C MEMBERSHIP RENEWAL	0033370		MEMBERSHIP THOMAS SLEPSKI	
					01-19-000-72720	234.00

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181204	3/22/2019	004820 004820 I.A.F.C MEMBERSHIP RENEWAL	(Continued)			Total : 234.00
181205	3/22/2019	017448 IACIS	87129		MEMBERSHIP TIMOTHY POULOS 01-17-225-72720	100.00 Total : 100.00
181206	3/22/2019	018049 IDENTITY AUTOMATION, LP	INV-02834	VTP-016729 VTP-016729 VTP-016729	<IT> - 2-FACTOR SFTW LICENSING 01-17-220-72655 01-16-000-72655 01-17-220-72655	4,200.00 820.30 159.20 Total : 5,179.50
181207	3/22/2019	004955 ILCMA	1511		JOB AD SENIOR CUSTODIAN 01-25-000-72330	50.00 Total : 50.00
181208	3/22/2019	004931 ILLINOIS ECONOMIC DEV ASSOC.	031919		MEMBERSHIP / PATRICK HOBAN 01-33-320-72720	250.00 Total : 250.00
181209	3/22/2019	005044 ILLINOIS FIRE CHIEF'S ASSOC.	19-1275		MEMBERSHIP/REEDER,DUNN,ERW 01-19-000-72720	350.00 Total : 350.00
181210	3/22/2019	005127 INGALLS OCCUPATIONAL MEDICINE	276789 276886 276893		EXAM 01-41-040-72846 HEP B VACCINE 01-14-000-72985 TEST 01-23-000-72735 01-25-000-72446 01-19-000-72150 60-00-000-72150	477.00 65.00 59.00 375.00 336.00 20.00 Total : 1,332.00
181211	3/22/2019	005186 INTERSTATE BATTERY SYSTEM	265201 33634953		BATTERIES 60-00-000-72528 BATTERIES	67.90

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181211	3/22/2019	005186 INTERSTATE BATTERY SYSTEM	(Continued)		01-23-000-72540	265.90
					Total :	333.80
181212	3/22/2019	005022 ISAWWA	200042514		WATERCON 2019 AL LORENZEN 60-00-000-72140	300.00
					Total :	300.00
181213	3/22/2019	018909 JIG	031919		REFUND CRIME FREE HOUSING LI 01-14-000-79000	50.00
					Total :	50.00
181214	3/22/2019	005409 KANE MCKENNA & ASSOCIATES INC	16099 16100		PROP 159TH & HARLEM TIF 01-33-310-72847 PROP LAGRANGE AVE/179TH ST TI 01-33-310-72847	2,268.75 1,287.50
					Total :	3,556.25
181215	3/22/2019	015420 LANGE, AMY	031419		PER DIEM: MEALS/THE ADAPTIVE F 01-17-220-72140	50.00
					Total :	50.00
181216	3/22/2019	014190 LEHIGH HANSON	5733333 5733493	VTP-016759 VTP-016759 VTP-016759 VTP-016762 VTP-016762 VTP-016762	BED/BACKFILL 60-00-000-73860 01-23-000-73860 70-00-000-73860 BED/BACKFILL 60-00-000-73860 01-23-000-73860 70-00-000-73860	511.43 255.72 85.24 340.20 170.10 56.70
					Total :	1,419.39
181217	3/22/2019	014402 LEXISNEXIS RISK DATA MNGMNT	1038013-20190228		SEARCHES,REPORTS 2/1/19-2/28/1 01-17-225-72852	76.50
					Total :	76.50
181218	3/22/2019	012396 LORENZEN, ALLEN	1428235		REIM.EXP.CROSS CONN CONTROL 60-00-000-72720	25.00

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181218	3/22/2019	012396	012396 LORENZEN, ALLEN		(Continued)	Total : 25.00
181219	3/22/2019	003440	M. COOPER WINSUPPLY CO.		S2021598.001 HOSE,VALVE 73-80-000-72520	153.42 Total : 153.42
181220	3/22/2019	007100	M. E.SIMPSON COMPANY, INC		33196 VTP-016763 FIRE HYDRANT MAINTENANCE & F 60-00-000-72790	11,310.00
					33205 TEST METER 3/13/19 60-00-000-72726	281.98 Total : 11,591.98
181221	3/22/2019	013059	MAIOLO, DENISE		031319 REIM. EXP. MILEAGE 12.2 @ 54.5 C 01-12-000-72130	6.65
					031319. REIM.EXP. MILEAGE 14.8 @ 54.5 N 01-12-000-72130	8.07
					031319.. REIM.EXP. MILEAGE 28.6 @ 54.5 DI 01-12-000-72130	15.59
					031319... REIM. EXP. MILEAGE 3.0 @ 58.0 JA 01-12-000-72130	1.74
					031319.... REIM. EXP. MILEAGE 25.4 @ 58.0 F 01-12-000-72130	14.73
					090718 CREDIT DUPL PAYMENT AUGUST 2 01-12-000-72130	-11.55 Total : 35.23
181222	3/22/2019	013969	MAP AUTOMOTIVE OF CHICAGO		40-500078 PARK BRAKE HA 01-17-205-72540	15.66
					40-500079 EVOL CER 01-17-205-72540	31.95
					40-500121 BATTERY ASY,CORE CHARGE 01-17-205-72540	315.80 Total : 363.41
181223	3/22/2019	012631	MASTER AUTO SUPPLY, LTD.		15030-67031 BALL JOINT 01-17-205-72540	50.33
					15030-67044 TRANS FILTER	

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181223	3/22/2019	012631 MASTER AUTO SUPPLY, LTD.	(Continued)			
			15030-67128		01-23-000-72540 OIL	22.93
			15030-67193		01-42-000-73535 AIR FILTER	26.70
					01-24-000-72540	15.44
					01-53-000-72540	15.43
					Total :	130.83
181224	3/22/2019	006074 MENARDS	61566		SHTG, LUMBER	
			61568		01-35-000-73870 GORILLA GLUE	242.74
			61585		01-25-000-73570 PART	5.83
			61588		01-25-000-73840 TUBE,TEFLON,TRAP,GREASE,SLIP	0.59
			61684		01-25-000-73840 PLASTIDIP COATING	34.98
			61738		60-00-000-73620 FLIPTOGGLE,DRILL TOGGLE,BLAN	39.95
			61913		01-25-000-73410 LINE,BULBS,RAID,GRAB A ROLL,ST	19.94
					01-19-000-72520	36.18
					01-19-000-73580	24.49
					01-19-000-72524	35.95
					Total :	440.65
181225	3/22/2019	012517 MERIDIAN IT INC	445493	VTP-016754	<IT> - EMAIL OUTBOUND SECURIT'	
					01-16-000-72655	1,051.00
					Total :	1,051.00
181226	3/22/2019	005742 METRO POWER INC.	12338		GENERATOR REPAIR / PD	
					01-25-000-72530	220.00
					Total :	220.00
181227	3/22/2019	018347 METROPOLITAN FIRE CHIEFS	031919		7 ATTENDEES/ADMIN PROF LUNCH	
					01-20-000-72170	210.00

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181227	3/22/2019	018347	018347 METROPOLITAN FIRE CHIEFS	(Continued)		Total : 210.00
181228	3/22/2019	017651	MSC INDUSTRIAL SUPPLY CO.		2846678001 PARTS 60-00-000-73632	306.81
					2847625001 WHEEL WEIGHT,P PASS,UNDERCC 01-17-205-72540	138.37
						Total : 445.18
181229	3/22/2019	015386	MUNICIPAL GIS PARTNERS, INC	4356	GIS STAFFING NOV'18 01-16-000-72652	8,287.21
					60-00-000-72652	8,287.20
						Total : 16,574.41
181230	3/22/2019	015723	NICOR		33079168366 ACCT#33-07-91-6836 6 9322 LAPOF 60-00-000-72511	30.56
					49924710004 ACCT#49-92-47-1000 4 9191 W 175 01-25-000-72511	506.22
						Total : 536.78
181231	3/22/2019	001487	NUWAY DISPOSAL SERVICE INC	6501358	LINERS 01-23-000-72890	390.00
						Total : 390.00
181232	3/22/2019	010135	ONSITE COMMUNICATIONS USA, INC	49047	STRAP 01-25-000-73840	110.00
						Total : 110.00
181233	3/22/2019	018100	OROZCO, JOSEPH	032019	PERF DISCOVER TINLEY 01-41-046-72981	50.00
						Total : 50.00
181234	3/22/2019	018879	PARADE FLOAT SUPPLIES NOW	043090713		
				VTP-016683	PARADE FLOAT 60-00-000-73870	582.83
					60-00-000-73870	-73.93
						Total : 508.90
181235	3/22/2019	006475	PARK ACE HARDWARE	034798/2	PARTS, TOOL POUCH 01-23-000-73840	24.78

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181235	3/22/2019	006475	PARK ACE HARDWARE (Continued) 060447/1		MISC STATION SUPPLIES	
				VTP-016757	01-19-000-73410	76.84
				VTP-016757	01-19-000-73580	510.44
				VTP-016757	01-19-000-72710	9.99
				VTP-016757	01-19-000-72220	454.41
			060476/1		CAULKGUN,SEALER CNCRT	
					60-00-000-73870	9.58
			060478/1		ANCHOR,HANGING STRP	
					01-25-000-73840	10.86
			060521/1		BLADE	
					01-23-000-73410	3.67
					Total :	1,100.57
181236	3/22/2019	006499	PITNEY BOWES INC 1011560795		ACCT#0010611388 POSTAGE BY PI	
					01-17-205-72750	76.49
			1011586721		ACCT#0012198182 10/1/18-3/31/19	
					60-00-000-72750	224.49
					01-14-000-72750	224.49
					Total :	525.47
181237	3/22/2019	006507	POSTMASTER, U. S. POST OFFICE 031219.		POSTAGE	
					01-19-000-72110	250.00
					Total :	250.00
181238	3/22/2019	006507	POSTMASTER, U. S. POST OFFICE 031219		STAMPS	
					01-20-000-72110	150.00
					Total :	150.00
181239	3/22/2019	006531	PROFFITT, CYNTHIA 022819		REIM. EXP. MILEAGE 19.9 @ 58.0 2	
					01-21-000-72130	11.54
					Total :	11.54
181240	3/22/2019	006850	QUILL CORPORATION 5829905		ENVELOPES	
					01-33-300-73110	129.18
					Total :	129.18

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181241	3/22/2019	013442	ROADSAFE-TRAFFIC SYSTEMS,INC	92676	ORANGE CONES FOR PARADE	
				VTP-016720	60-00-000-73845	750.00
				VTP-016720	01-23-000-73845	750.00
				VTP-016720	01-24-000-73845	375.00
					Total :	1,875.00
181242	3/22/2019	013234	ROMEDEVILLE FIRE ACADEMY	2019-113	MICHAEL WITTMAN TRAINING TUIT	
				VTP-016563	01-19-000-72145	345.00
					Total :	345.00
181243	3/22/2019	010463	ROSEMARY'S GARDEN	6275	PLANTER	
					01-17-205-73600	85.00
					Total :	85.00
181244	3/22/2019	006922	RUBINO'S ITALIAN IMPORTS	026	SUB PLATTER	
					60-00-000-72220	99.98
					Total :	99.98
181245	3/22/2019	016334	RUSH TRUCK CENTERS	3013756810	CREDIT CORE	
					01-23-000-72540	-631.75
				3013845577	FITTING FUEL OUTLET	
					01-23-000-72540	43.78
				3013849028	FITTINGS	
					01-23-000-72540	21.44
				3013942926	SPRINGS	
					01-23-000-72540	2.33
				3013959553	SPRING	
					01-23-000-72540	5.97
				3013959559	BOLT,SEAL	
					01-23-000-72540	43.34
				3014251745	REPAIRS TO UNIT 17 (NOT COVERE	
					01-23-000-72540	905.34
				3014274921	ADJ W/BRACKET,BODY HOUSING /	
					01-23-000-72540	187.84
				3014280773	BODY	
					01-23-000-72540	279.64

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181245	3/22/2019	016334	016334 RUSH TRUCK CENTERS		(Continued)	Total : 857.93
181246	3/22/2019	004233	S B FRIEDMAN & COMPANY	2	TP DAS 2018 20-00-000-72849	3,827.50 Total : 3,827.50
181247	3/22/2019	007629	SAM'S CLUB DIRECT	1069	CANDY/IRISH PARADE 01-35-000-72923	482.66
				1071	CANDY/IRISH PARADE 01-35-000-72923	59.36
				5881	WATER,SODA,BAKERY,TEA,COPY I 01-25-000-72220	26.96
					60-00-000-73115	15.54
					01-23-000-73115	15.54
					01-24-000-73115	7.78
					01-14-000-73115	12.96
					01-14-000-73110	29.98
					01-23-000-73110	29.98
					01-33-300-73110	29.98
					01-33-310-73110	29.98
					01-14-000-73115	7.47
					60-00-000-73115	7.47
					01-33-300-73115	7.47
					01-33-310-73115	7.47
				5886	CREDIT BAKERY 01-25-000-72220	-26.96
				6075	PLATES,SODA,TWLS,COFFEE,CKIE 01-14-000-73115	14.99
					60-00-000-73115	14.99
					01-33-300-73115	14.99
					01-33-310-73115	14.99
					01-14-000-73115	12.58
					60-00-000-73115	41.78
					01-23-000-73115	124.10
					01-24-000-73115	20.90
				6888	COOKIE TRY,CPY PPR,WATER,APC 01-14-000-73115	19.98

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181247	3/22/2019	007629	SAM'S CLUB DIRECT			
			(Continued)			
					01-14-000-73110	14.99
					60-00-000-73110	14.99
					01-33-300-73110	14.99
					01-33-310-73110	14.99
					01-14-000-73115	9.96
					01-23-000-73115	9.96
					01-33-300-73115	9.96
					01-33-310-73115	9.96
					01-25-000-73570	59.98
					01-25-000-73580	14.96
					01-14-000-73115	22.84
					01-23-000-73870	16.78
					01-24-000-73870	8.40
					01-41-046-72930	98.44
					60-00-000-73870	16.78
			7847		WATR,FABU,LYSOL,WIPES,SODA,C	
					01-35-000-73110	31.92
					01-14-000-73115	6.48
					01-14-000-73110	2.50
					60-00-000-73117	2.50
					01-33-300-73115	2.49
					01-33-310-73115	2.49
					01-25-000-73580	40.10
					60-00-000-73115	11.95
					01-23-000-73115	11.95
					01-24-000-73115	5.98
					60-00-000-73110	74.31
					01-23-000-73110	74.31
					01-24-000-73110	37.16
			7959		COPY PAPER,BAKERY,WATER,SOI	
					01-14-000-73110	14.99
					01-23-000-73110	14.99
					01-33-300-73110	14.99
					01-33-310-73110	14.99
					01-14-000-73115	29.85
					01-25-000-73115	29.85

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181247	3/22/2019	007629 SAM'S CLUB DIRECT	(Continued)			
					01-33-300-73115	29.84
					01-33-310-73115	29.84
					01-25-000-73115	26.96
					01-14-000-73115	11.42
			7971		OFFICE SUPPLIES	
					01-21-210-73110	162.95
			7973		COFFEE,NAPKINS,WATER	
					01-21-000-72220	34.78
			8116		COPY PAPER	
					01-17-205-72310	449.70
			8253		CANDY,FRUIT,COPY PAPER,BANDS	
					01-14-000-73110	2.50
					60-00-000-73117	2.50
					01-33-300-73115	2.49
					01-33-310-73115	2.49
					01-14-000-73115	28.51
					60-00-000-73115	2.95
					01-33-300-73110	2.94
					01-33-310-73110	2.94
					60-00-000-73110	23.98
					01-23-000-73110	23.98
					01-24-000-73110	12.00
					01-25-000-73580	7.48
					01-24-000-72220	39.96
			8954		CREDIT CANDY/IRISH PARADE	
					01-35-000-72923	-119.42
					Total :	2,565.51
181248	3/22/2019	007092 SAUNORIS	581777		MERRIMAC	
					60-00-000-73680	32.80
					Total :	32.80
181249	3/22/2019	012444 SOUTH SUBURBAN JUVENILE	031919		MEMBERSHIP/RAY VIOLETTA	
					01-17-225-72720	20.00
					Total :	20.00

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181250	3/22/2019	015405 SSACOP	031919		MEMBERSHIP/TONY CAMPBELL 01-17-205-72720	50.00
					Total :	50.00
181251	3/22/2019	013647 SSBOA	032119		LODE,CHAMBERS/MONTHLY MEET 01-33-300-72170	40.00
					Total :	40.00
181252	3/22/2019	007224 STANDARD EQUIPMENT COMPANY	P12417		FILTERS,FUELS 01-23-000-72530	251.13
			P12418		OIL FILTERS, ELEMENTS 01-23-000-72530	299.31
					Total :	550.44
181253	3/22/2019	012238 STAPLES BUSINESS ADVANTAGE	3407690693		PAD 01-53-000-73870	12.99
					01-14-000-73110	121.35
					Total :	134.34
181254	3/22/2019	015452 STEINER ELECTRIC COMPANY	S006296492.001		BIT,DRILL TAPS 01-25-000-73410	36.18
					Total :	36.18
181255	3/22/2019	007297 SUTTON FORD INC./FLEET SALES	032119	VTP-016735	2019 FORD F150 PICKUP TRUCK 30-00-000-74232	33,822.00
			480424		SOCKET ASY 01-17-205-72540	310.02
			614932		LABOR 60-00-000-72540	70.00
					Total :	34,202.02
181256	3/22/2019	018264 THE LAKOTA GROUP, INC.	17030.04-06		HARMONY SQUARE 2/1/19-2/28/19 30-00-000-75905	5,560.00
					Total :	5,560.00
181257	3/22/2019	018724 THE LOCKER SHOP	59611		BOOT 01-19-000-73610	129.00
			OE 60218		SHIRTS,OXFORD,SWEATPANTS,PA	

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181257	3/22/2019	018724 THE LOCKER SHOP	(Continued)			
			OES 60216		01-19-000-73610 POLO,T-SHIRT 01-19-000-73610	339.00 145.00
					Total :	613.00
181258	3/22/2019	007777 THOMPSON ELEVATOR INSPECTION	19-0969		ELEV PLAN REVW EDENBRIDGE AI	
			19-1018		01-33-300-72853 STOP FEE 01-14-000-72315	75.00 12.00
					Total :	87.00
181259	3/22/2019	007825 TOWER CAR WASH OF TINLEY PARK	4541		23 POLICE OR MUNICIPAL WASH	
					01-17-205-72540	92.00
					Total :	92.00
181260	3/22/2019	013200 TRIBUNE PUBLISHING COMPANY	004594434000		ACCT#CU00027575 2/1/19-2/28/19	
					01-33-310-72330 01-23-000-72330 01-25-000-72330 01-23-000-72330 01-14-000-72330	286.16 87.60 293.06 202.94 432.18
					Total :	1,301.94
181261	3/22/2019	015532 TRI-ELECTRONICS, INC.	245299		KEY FOBS	
					01-25-000-73870	379.04
					Total :	379.04
181262	3/22/2019	002165 ULINE, INC	106659407		POLYTUBING	
					01-17-225-73110	198.60
					Total :	198.60
181263	3/22/2019	002613 UNITED HEALTHCARE AARP	030719		MAR 19 PYMT FOR APR 19 COVER	
					01-33-300-72435 01-13-000-72435 60-00-000-72435 01-23-000-72435	254.75 211.26 64.37 64.36

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181263	3/22/2019	002613 UNITED HEALTHCARE AARP	(Continued)		60-00-000-72435	201.40
					01-17-205-72435	128.73
					60-00-000-72435	285.71
					01-24-000-72435	192.97
					01-23-000-72435	100.70
					60-00-000-72435	232.40
					01-25-000-72435	37.13
					60-00-000-72435	37.14
					01-25-000-72435	37.13
					01-17-205-72435	148.47
					Total :	1,996.52
181264	3/22/2019	011416 VERIZON WIRELESS	9826117336		ACCT 280481333-00001	
					11-00-000-72127	72.02
					01-16-000-72127	72.02
					01-17-220-72127	1,969.06
					01-17-205-72127	36.01
					01-19-000-72127	432.22
					01-20-000-72127	144.04
					01-21-000-72127	144.04
					01-25-000-72127	130.92
					01-33-300-72127	144.04
					01-33-320-72127	72.02
					01-35-000-72127	108.03
					01-12-000-72127	108.03
					01-13-000-72127	72.02
					01-23-000-72127	608.69
					60-00-000-72127	489.04
					01-21-210-72127	36.01
					01-11-000-72127	216.06
					01-11-000-72120	54.00
					01-33-310-72127	75.90
			9826117337		ACCT 2804813333-00003	
					01-15-000-72120	54.00
					01-11-000-72120	162.00
					01-12-000-72120	54.00

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181264	3/22/2019	011416 VERIZON WIRELESS	(Continued)			
					01-13-000-72120	108.00
					01-14-000-72120	12.13
					01-17-205-72120	4,502.58
					01-19-000-72120	267.44
					01-20-000-72120	275.73
					01-21-000-72120	146.06
					01-21-210-72120	194.59
					01-23-000-72120	1,426.29
					01-24-000-72120	225.86
					01-25-000-72120	263.68
					01-33-300-72120	270.00
					01-33-310-72120	144.33
					01-33-320-72120	54.00
					01-42-000-72120	26.24
					01-53-000-72120	7.49
					60-00-000-72120	945.93
					01-16-000-72120	164.27
					01-23-000-72127	36.01
					01-25-000-72127	36.01
					01-17-205-72127	36.01
					01-19-000-72127	72.02
			9826118824		285837077-00001	
					01-17-205-72127	8.65
					Total :	14,477.49
181265	3/22/2019	016989 WALLRICH, PAULA	031819		REIM.EXP.TRAIN DTOWN MDRN M	
					01-33-310-72170	14.50
					Total :	14.50
181266	3/22/2019	010165 WAREHOUSE DIRECT WORKPL SOLTNS	4225031-0		TRAY,MARKERS	
					60-00-000-73110	28.66
					01-23-000-73110	28.66
					01-24-000-73110	14.33
					Total :	71.65
181267	3/22/2019	011055 WARREN OIL CO.	W1209212		N.L. GAS USED 3/6/19-3/14/19	

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181267	3/22/2019	011055 WARREN OIL CO.	(Continued)			
					01-17-205-73530	12,015.92
					01-19-000-73530	516.98
					01-21-000-73530	227.43
					60-00-000-73530	2,153.82
					01-23-000-73530	1,401.31
					01-24-000-73530	670.40
					01-33-310-73530	45.92
					01-12-000-73530	175.57
					01-14-000-73532	51.32
					01-53-000-73530	350.06
					01-42-000-73545	233.37
					01-33-300-73530	303.60
					01-20-000-73530	200.42
					Total :	18,346.12
181268	3/22/2019	013263 WEST SIDE TRACTOR SALES	S68835		THERMOSTAT	
					01-23-000-72530	31.25
					Total :	31.25
101 Vouchers for bank code : apbank						Bank total : 334,012.12
105 Vouchers in this report						Total vouchers : 351,704.05

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
----------------	-------------	---------------	----------------	-------------	----------------------------	---------------

The Tinley Park Village Board having duly met at Village Hall do hereby certify that the following claims or demands against said village were presented and are approved for payment as presented on the above listing.

In witness thereof, the Village President and Clerk of the Village of Tinley Park, hereunto set their hands.

_____ Village President

_____ Village Clerk

_____ Date

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 1

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181270	3/29/2019	010955 A T & T LONG DISTANCE	827776689		CORP ID 931719 LONG DISTANCE 01-17-225-72120	53.63
					Total :	53.63
181271	3/29/2019	002734 AIR ONE EQUIPMENT, INC	141906	VTP-016493	BOOTS 01-19-000-74619 01-19-000-74619	5,390.00 45.00
					Total :	5,435.00
181272	3/29/2019	002856 AIRY'S, INC	22984	VTP-016803	WATER MAIN REPAIR 60-00-000-72745	9,275.62
			22995	VTP-016782	WATER LEAK REPAIRS 60-00-000-72745	3,092.75
			22997	VTP-016783	WATER LEAK REPAIRS 60-00-000-72745	3,676.02
					Total :	16,044.39
181273	3/29/2019	014929 ASCAP	100005199997-8		ACCT#500693116 LICENSE FEES 01-35-000-72720	358.00
					Total :	358.00
181274	3/29/2019	010953 BATTERIES PLUS - 277	P12697861		BATTERIES 14-00-000-74150	147.80
			P12791382		BATTERIES 01-17-220-73600	134.85
					Total :	282.65
181275	3/29/2019	017545 BENNETT, BARBARA	032419		REIM. EXP.QUICHE VTY 01-33-300-72220	10.99
					Total :	10.99
181276	3/29/2019	002938 BEST TECHNOLOGY SYSTEMS INC.	BTL-18178-6	VTP-016798	SHOOTING RANGE MAINTENANCE 01-25-000-72779	1,040.00
					Total :	1,040.00
181277	3/29/2019	002974 BETTENHAUSEN CONSTRUCTION SERV	190029		SEMI TRUCK TIME FOR HAULING L	

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 2

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181277	3/29/2019	002974	BETTENHAUSEN CONSTRUCTION SERV (Continued)			
				VTP-016784	60-00-000-73860	450.00
				VTP-016784	01-23-000-73860	225.00
				VTP-016784	70-00-000-73860	75.00
					Total :	750.00
181278	3/29/2019	016817	BEVERLY SNOW AND ICE INC	40266	AREA 21-TINLEY CREEK BRIDGE	
					01-23-000-72785	50.00
				40267	AREA 5-PUBLIC SAFETY & FIRE ST.	
					01-23-000-72785	130.00
				40268	AREA 17-FIRE STATION 2	
					01-23-000-72785	160.00
				40269	AREA 18-FIRE STATION 3	
					01-23-000-72785	110.00
				40270	AREA 19-FIRE STATION 4	
					01-23-000-72785	160.00
				40271	AREA 15-HELIPORT & EMA	
					01-23-000-72785	580.00
				40272	AREA 1-HICKORY ST PARKING STA	
					01-23-000-72785	300.00
				40273	AREA 11-MUNICIPAL LOT (ED & JOE	
					01-23-000-72785	90.00
				40274	AREA 8-MUNICIPAL LOT (SUBWAY I	
					01-23-000-72785	140.00
				40275	AREA 9-MUNICIPAL LOT (BATH & KI	
					01-23-000-72785	65.00
				40276	AREA 10-MUNICIPAL LOT (CARDIN/	
					01-23-000-72785	65.00
				40277	AREA 12-80TH AVE NORTH TRAIN S	
					70-00-000-72740	1,800.00
				40278	AREA 2-OAK PARK AVE TRAIN STA	
					70-00-000-72740	600.00
				40279	AREA 20-PAWS	
					01-23-000-72785	90.00
				40280	AREA 14-POLICE STATION	
					01-23-000-72785	245.00
				40281	AREA 16-POST 11	

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 3

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181278	3/29/2019	016817 BEVERLY SNOW AND ICE INC	(Continued)			
			40282		01-23-000-72785	60.00
			40283		AREA 13-80TH AVE SOUTH TRAIN S	
					70-00-000-72740	1,900.00
			40284		AREA 6-MUNICIPAL LOT(UNITED MI	
					01-23-000-72785	130.00
			40285		AREA 7-VILLAGE HALL	
					01-23-000-72785	490.00
			40286		AREA 4-VOGT PLAZA	
					01-23-000-72785	90.00
					AREA 3-ZABROCKI PLAZA	
					01-23-000-72785	150.00
					Total :	7,405.00
181279	3/29/2019	012907 BORROWDALE, RUSSELL	032319		PER DIEM:LODG,MEALS IDEOA CO	
					01-17-220-72140	466.24
					Total :	466.24
181280	3/29/2019	003148 BREMEN ANIMAL HOSPITAL, LTD	53946		EXAM/YAMBO	
					01-17-220-72240	381.50
					Total :	381.50
181281	3/29/2019	003026 BROOK ELECTRICAL DISTRIBUTION	S008436694.001		CABLE	
			S008436694.002		01-25-000-73570	268.75
				VTP-016807	FIBER OPTIC ENDS FOR P.D. & STC	
					01-25-000-73570	518.71
					Total :	787.46
181282	3/29/2019	014148 CALL ONE	1210676-1128114		MOVE FEE FOR LINE	
					01-14-000-72120	1,000.00
					Total :	1,000.00
181283	3/29/2019	011029 CALOMINO, ELIZABETH	032319		REIM. EXP.MEALS/CENTRAL SQ CC	
					01-17-205-72170	109.71
					Total :	109.71
181284	3/29/2019	011929 CAPITAL ONE BANK (USA), N.A.	000002		**** 6452 SALAD WRAPS/SANDWIC	

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 4

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181284	3/29/2019	011929 CAPITAL ONE BANK (USA), N.A.	(Continued)			
			021119		01-41-046-72930 **** 6452 EMAIL MARKETING SERVI	176.99
			021219		01-35-000-72720 **** 6452 GENE LODE CONT ED HE.	731.50
			021319		01-33-300-72140 **** 6452 CAFR REVIEW FY 2018	50.00
			021319		01-14-000-72845 **** 6452 LIEN	505.00
			022019		01-14-000-72355 **** 6452 10 IMAGES A MONTH	122.52
			022619		01-35-000-72985 **** 6452 GENE LODE PLUMBERS L	29.99
			022819		01-33-300-72720 **** 6452 REGIST CHRIS FRANKENI	153.38
			022819		01-15-000-72170 **** 6452 RECORDED DEED	1,200.00
			022819		01-14-000-72355 **** 6452 REGIST BRAD BETTENHA	102.10
			022819.		01-15-000-72170 **** 6452 REGIST:EILEEN SCHOLZ	15.00
			030419		01-15-000-72140 **** 6452 REGIST TERICA KETCHUM	1,200.00
			030519		01-13-000-72140 ANNUAL CHARGE LIBRARY/NOT NI	175.00
			030619		01-17-205-72140 **** 6452 GIFT CARDS/PARADE WIN	239.88
			030919		01-35-000-72923 **** 6452 MAKE STICKER TRANSPA	100.00
			048479		30-00-000-72987 **** 6452 NECKLACES,HEADBANDE	3.76
			10001		01-35-000-72923 **** 6452 MEAL	24.00
			103801320181130/1031		01-15-000-72220 **** 6452 SEARCHES,REPORTS	191.41
			112-1873382-4904214		01-17-225-72852 **** 6452 SHAMROCK MAGNET DEC	100.50

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 5

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181284	3/29/2019	011929	CAPITAL ONE BANK (USA), N.A.		(Continued)	
					01-35-000-72923	13.98
					112-8171243-4869030	
					**** 6452 MAGNETIC BUMPER STIC	
					01-35-000-72923	7.65
					113-2521508-0669005	
					**** 6452 CABLES	
					01-35-000-72982	18.94
					113-9910013-5165018	
					**** 6452 PHOTOGRAPHY LIGHTINC	
					01-35-000-72982	115.99
					12415708	
					**** 6452 CAR SEAT ORGANIZER	
					01-33-300-73110	33.42
					12501334	
					**** 6452 DIE CUT STICKERS	
					30-00-000-72987	36.35
					1592-0027	
					**** 6452 REGIST BRAD BETTENHA	
					01-15-000-72170	325.00
					2640790	
					**** 6452 TABLECVR,TINSEL,FOAM	
					01-35-000-72923	11.00
					29892	
					**** 6452 TINLEY JUNCTION PLUS	
					01-35-000-72720	39.00
					3G9XDHQ-ADTXVL	
					**** 6452 FLIP PDF	
					01-35-000-72655	317.69
					44064	
					**** 6452 8X8 STEP BANNER & STAI	
					30-00-000-72987	228.35
					447683	
					**** 6452 TELESCOPING SAFETY PI	
					60-00-000-72528	301.58
					457299450	
					**** 6452 CLICK N SHIP	
					01-13-000-72110	14.35
					575648	
					**** 6452 CONF MICHAEL ZONSIUS	
					01-15-000-72170	465.00
					70229	
					**** 6452 RETAIL REAL ESTATE FOF	
					01-33-320-72170	95.00
					9007933161	
					**** 6452 MEMBERSHIP DENISE MA	
					01-12-000-72720	209.00
					9007942381	
					**** 6452 MEMBERSHIP PAULA WAC	
					01-12-000-72720	209.00
					905906913	
					**** 6452 CONF HANNAH LIPMAN	
					01-12-000-72170	75.00
					HZBHWP	
					**** 6452 FLIGHT CONF MICHAEL ZI	

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 6

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181284	3/29/2019	011929 CAPITAL ONE BANK (USA), N.A.	(Continued)		01-15-000-72170	460.60
					Total :	8,097.93
181285	3/29/2019	011713 CARR, PATRICK	74515689		REIM.EXP. IESMA TRNG SUMMIT 2019 01-21-000-72170	125.00
					Total :	125.00
181286	3/29/2019	003396 CASE LOTS INC	8133		TOWELS,TOILET TISSUE,POLISH 01-25-000-73580	383.90
					Total :	383.90
181287	3/29/2019	003243 CDW GOVERNMENT INC	RKT5516		MATROX M9120 PLUS LP 52MB PCI 01-25-000-72552	287.80
			RLG6534		<IT> - MICROSOFT LICENSING REN	
				VTP-016481	01-11-000-72655	381.44
				VTP-016481	01-12-000-72655	335.27
				VTP-016481	01-13-000-72655	477.81
				VTP-016481	01-15-000-72655	574.17
				VTP-016481	01-16-000-72655	238.90
				VTP-016481	01-17-205-72655	1,577.97
				VTP-016481	01-17-215-72655	48.18
				VTP-016481	01-17-217-72655	48.18
				VTP-016481	01-17-220-72655	2,915.04
				VTP-016481	01-17-225-72655	525.99
				VTP-016481	01-19-000-72655	5,832.08
				VTP-016481	01-20-000-72655	525.99
				VTP-016481	01-21-000-72655	429.63
				VTP-016481	01-21-210-72655	1,146.34
				VTP-016481	01-23-000-72655	1,481.61
				VTP-016481	01-24-000-72655	287.09
				VTP-016481	01-25-000-72655	525.99
				VTP-016481	01-33-300-72655	477.81
				VTP-016481	01-33-310-72655	238.90
				VTP-016481	01-33-320-72655	96.36
				VTP-016481	01-35-000-72655	287.09
				VTP-016481	60-00-000-72655	1,624.16

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 7

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181287	3/29/2019	003243	CDW GOVERNMENT INC			
			(Continued)			
				VTP-016481	01-11-000-72655	20.67
				VTP-016481	01-12-000-72655	18.17
				VTP-016481	01-13-000-72655	25.89
				VTP-016481	01-15-000-72655	31.12
				VTP-016481	01-16-000-72655	12.95
				VTP-016481	01-17-205-72655	85.51
				VTP-016481	01-17-215-72655	2.61
				VTP-016481	01-17-217-72655	2.61
				VTP-016481	01-17-220-72655	157.97
				VTP-016481	01-17-225-72655	28.50
				VTP-016481	01-19-000-72655	316.05
				VTP-016481	01-20-000-72655	28.50
				VTP-016481	01-21-000-72655	23.28
				VTP-016481	01-21-210-72655	62.12
				VTP-016481	01-23-000-72655	80.29
				VTP-016481	01-24-000-72655	15.56
				VTP-016481	01-25-000-72655	28.50
				VTP-016481	01-33-300-72655	25.89
				VTP-016481	01-33-310-72655	12.95
				VTP-016481	01-33-320-72655	5.22
				VTP-016481	01-35-000-72655	15.56
				VTP-016481	60-00-000-72655	88.03
				VTP-016481	01-11-000-72655	924.51
				VTP-016481	01-12-000-72655	812.60
				VTP-016481	01-13-000-72655	1,158.08
				VTP-016481	01-15-000-72655	1,391.63
				VTP-016481	01-16-000-72655	579.03
				VTP-016481	01-17-205-72655	3,824.57
				VTP-016481	01-17-215-72655	116.78
				VTP-016481	01-17-217-72655	116.78
				VTP-016481	01-17-220-72655	7,065.27
				VTP-016481	01-17-225-72655	1,274.86
				VTP-016481	01-19-000-72655	14,135.39
				VTP-016481	01-20-000-72655	1,274.86
				VTP-016481	01-21-000-72655	1,041.31
				VTP-016481	01-21-210-72655	2,778.42

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 8

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181287	3/29/2019	003243	CDW GOVERNMENT INC			
			(Continued)			
				VTP-016481	01-19-000-72655	873.45
				VTP-016481	01-20-000-72655	78.78
				VTP-016481	01-21-000-72655	64.34
				VTP-016481	01-21-210-72655	171.68
				VTP-016481	01-23-000-72655	221.90
				VTP-016481	01-24-000-72655	43.00
				VTP-016481	01-25-000-72655	78.78
				VTP-016481	01-33-300-72655	71.56
				VTP-016481	01-33-310-72655	35.78
				VTP-016481	01-33-320-72655	14.43
				VTP-016481	01-35-000-72655	43.00
				VTP-016481	60-00-000-72655	243.22
				VTP-016481	01-23-000-72655	3,591.02
				VTP-016481	01-24-000-72655	695.83
				VTP-016481	01-25-000-72655	1,274.86
				VTP-016481	01-33-300-72655	1,158.08
				VTP-016481	01-33-310-72655	579.03
				VTP-016481	01-33-320-72655	233.55
				VTP-016481	01-35-000-72655	695.83
				VTP-016481	60-00-000-72655	3,936.51
				VTP-016481	01-11-000-72655	9.08
				VTP-016481	01-12-000-72655	7.98
				VTP-016481	01-13-000-72655	11.38
				VTP-016481	01-15-000-72655	13.67
				VTP-016481	01-16-000-72655	5.69
				VTP-016481	01-17-205-72655	37.57
				VTP-016481	01-17-215-72655	1.15
				VTP-016481	01-17-217-72655	1.15
				VTP-016481	01-17-220-72655	69.41
				VTP-016481	01-17-225-72655	12.52
				VTP-016481	01-19-000-72655	138.86
				VTP-016481	01-20-000-72655	12.52
				VTP-016481	01-21-000-72655	10.23
				VTP-016481	01-21-210-72655	27.29
				VTP-016481	01-23-000-72655	35.28
				VTP-016481	01-24-000-72655	6.84

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 9

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181287	3/29/2019	003243 CDW GOVERNMENT INC	(Continued)			
				VTP-016481	01-25-000-72655	12.52
				VTP-016481	01-33-300-72655	11.38
				VTP-016481	01-33-310-72655	5.69
				VTP-016481	01-33-320-72655	2.29
				VTP-016481	01-35-000-72655	6.84
				VTP-016481	60-00-000-72655	38.66
				VTP-016481	01-11-000-72655	57.13
				VTP-016481	01-12-000-72655	50.21
				VTP-016481	01-13-000-72655	71.56
				VTP-016481	01-15-000-72655	85.99
				VTP-016481	01-16-000-72655	35.78
				VTP-016481	01-17-205-72655	236.33
				VTP-016481	01-17-215-72655	7.22
				VTP-016481	01-17-217-72655	7.22
				VTP-016481	01-17-220-72655	436.58
				VTP-016481	01-17-225-72655	78.78
			RMR3928		<911> - 911 SERVER UPGRADE PR	
				VTP-016752	11-00-000-74126	1,633.74
					Total :	75,229.01
181288	3/29/2019	014026 CHANDLER SERVICES	25797		R&M MOTOR VEHICLES	
				VTP-016668	01-19-000-72540	5,518.87
					Total :	5,518.87
181289	3/29/2019	015199 CHICAGO PARTS & SOUNDS LLC	2J0000944		LABOR	
			2J0000952		01-17-205-72540	275.00
					CENTER SEAT,BRACKET KIT	
					60-00-000-72540	360.00
					Total :	635.00
181290	3/29/2019	003606 CHICAGO SOUTHLAND CONV. V B	0319		FEB LIAB MARCH COLL HOTEL ACC	
			0319		12-00-000-79107	15,335.46
					FEB LIAB MARCH COLL HOTEL ACC	
					12-00-000-79107	15,335.46
					Total :	30,670.92

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 10

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181291	3/29/2019	018915 CIT INTERNATIONAL INC	04212		REGIST JON MITTELMAN 01-17-205-72140	325.00
Total :						325.00
181292	3/29/2019	012057 COMCAST CABLE	8771401810265348		ACCT#8771401810265348 3/22/19-4 01-19-000-72517	81.15
			8771401810316240		ACCT#8771401810316240 3/21/19-4 01-17-205-72517	167.48
Total :						248.63
181293	3/29/2019	013892 COMED	6771163052		ACCT#6771163052 TRAFFIC SIGNA 01-24-000-72510	1,974.50
Total :						1,974.50
181294	3/29/2019	013878 COMED - COMMONWEALTH EDISON	0052035006		ACCT#0052035006 6720 SOUTH ST 73-67-000-72510	1,398.35
			0421064066		ACCT#0421064066 0 LAPORTE RD 60-00-000-72510	141.13
			0519019106		ACCT#0519019106 METERED/SEAS 12-00-000-72510	7.88
			1224165129		ACCT#1224165129 LIGHTING 7053 01-24-000-72510	154.43
			4384028017		ACCT#4384028017 6815 HICKORY S 01-24-000-72510	46.83
			4803158058		ACCT#4803158058 0 RIDGEFIELD L 60-00-000-72510	425.19
			5437131000		ACCT#5437131000 7980 W 183RD S 01-25-000-72510	335.28
			5983017013		ACCT#5983017013 WATER MONITC 60-00-000-72510	229.53
			7398024011		ACCT#7398024011 7000 W 183RD S 01-24-000-72510	100.41
Total :						2,839.03
181295	3/29/2019	018311 CONNECTION	56603490		<IT/PD> - SPARE MONITORS / ADD	
				VTP-016730	01-16-000-72565	164.87
				VTP-016730	01-17-220-72565	164.87

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 11

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181295	3/29/2019	018311 CONNECTION	(Continued) 56618718		LAPTOP DOCK STN 01-16-000-72565	124.93
			56622001		WRLS SOLAR KYBO & MSE MK750 01-33-310-72565	77.68
			56622096		LCD TV,10 FT DISPLAYPORT 01-21-210-72565	420.44
			56629300		TONER CARTS 01-17-205-73110	160.72
			56633128		TONER CART 01-17-205-73110	80.36
			56633187		USB DRIVE ,FLASH DRIVE 01-17-205-73110	408.75
			56633405		WIRELESS MOUSE 01-33-300-72565	68.88
Total :						1,671.50
181296	3/29/2019	012522 CONNEY SAFETY PRODUCTS, LLC	05682894		VESTS 60-00-000-73845	189.25
					01-23-000-73845	189.25
					01-24-000-73845	98.32
Total :						476.82
181297	3/29/2019	012410 CONSERV FS, INC.	105005555		DIESELEX GOLD ULTRA LS DYED 60-00-000-73545	300.97
Total :						300.97
181298	3/29/2019	018911 COUNTY COURT REPORTERS, INC	125002		TP & METRO ALLIANCE OF POLICE 01-14-000-72855	1,077.60
Total :						1,077.60
181299	3/29/2019	003635 CROSSMARK PRINTING, INC	73662		DISCOVER TINLEY JUNCTION INSE 01-41-046-72981	954.47
			73696	VTP-016775	PLUMBING INSPECTION APPROVE 01-33-300-72310	169.37
Total :						1,123.84

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 12

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181300	3/29/2019	012198 CRYDER ENTERPRISES, INC.	2350	VTP-016808	HYDRANT PAINTING 60-00-000-72790	4,980.00
Total :						4,980.00
181301	3/29/2019	015554 DALEY-MOMMSEN ENTERPRISES	032719		BOX OF JOE/DONUTS 01-17-217-72220	25.99
Total :						25.99
181302	3/29/2019	016307 DAVISSON, ROGER	032319		PER DIEM: LODG,MEALS/IDEOA CC 01-17-220-72140	466.24
Total :						466.24
181303	3/29/2019	004019 EVON'S TROPHIES & AWARDS	031419		ENGRAVING 01-25-000-72520	15.28
Total :						15.28
181304	3/29/2019	004176 FEDEX (FEDERAL EXPRESS)	6-495-91166		ACCT#8845-9401-4~ 01-14-000-72110	20.57
Total :						20.57
181305	3/29/2019	002791 FIRST AID COMPLIANCE INC	236941		MEDICAL SUPPLIES 60-00-000-73117 01-23-000-73117 01-24-000-73117	42.04 42.04 21.02
Total :						105.10
181306	3/29/2019	004756 FIRST MIDWEST BANK 312	312-1843		#312-1843 SAFE DEPOSIT BOX REN 01-17-205-73600	137.00
Total :						137.00
181307	3/29/2019	012291 FITZPATRICK, JOSEPH	022219		REIM. EXP. SSWWA LUNCH MTG 60-00-000-72220	20.00
			031319		REIM.EXP.LODG,MEALS/WASTEWA/ 60-00-000-72140	414.25
			032619		REIM. EXP.MEALS ISAWWA WATEF 60-00-000-72220	19.95
Total :						454.20

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 13

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181308	3/29/2019	015058 FLEETPRIDE	23002237		BACKUP LED 01-19-000-72540	140.00
Total :						140.00
181309	3/29/2019	018916 FRANKENFIELD, CHRISTOPHER	032819		REIM.EXP.LODG,AIRFARE/TYLER C 01-15-000-72130	1,641.92
Total :						1,641.92
181310	3/29/2019	002877 G. W. BERKHEIMER CO., INC.	415177		24X24X4 STD4 73-80-000-72520	69.66
Total :						69.66
181311	3/29/2019	018919 GARDNER & EYAD EYAD, SHADAE	Ref001374335		UB Refund Cst #00507325 60-00-000-20599	46.10
Total :						46.10
181312	3/29/2019	004458 GATTO'S RESTAURANT & BAR	114742		MEAL PACKAGE/COOK CNTY IREL/ 01-21-000-72170	606.00
Total :						606.00
181313	3/29/2019	010419 GLOBAL EMERGENCY PRODUCTS, INC	AGJ13218		REPAIRS PUMPER 01-19-000-72540	721.78
			AGJ13682	VTP-016795	R&M MOTOR VEHICLES 01-19-000-72540	984.16
Total :						1,705.94
181314	3/29/2019	004538 GOLDY LOCKS	668433		DUPL KEY 60-00-000-74321	5.50
			668472		DUPL KEY 01-19-000-73870	33.00
Total :						38.50
181315	3/29/2019	015397 GOVTEMPSUSA LLC	2743254		3/10 & 3/17/19 PAULA WALLRICH 01-33-000-72750	5,498.15
Total :						5,498.15
181316	3/29/2019	004438 GRAINGER	9119404763		GLOVES 60-00-000-73845	35.14

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 14

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181316	3/29/2019	004438 GRAINGER	(Continued)		01-23-000-73845 01-24-000-73845	35.14 17.56 Total : 87.84
181317	3/29/2019	017400 HANOVER TOWNSHIP	032719		2019 TRNG BARAJAS /LAZZARA 4/1 01-21-000-72170	70.00 Total : 70.00
181318	3/29/2019	014491 HANSEN DOOR INC.	7623		TORSION SPRING,PLUGS 01-25-000-72520	318.00 Total : 318.00
181319	3/29/2019	012281 HINCKLEY SPRINGS	5977593 032319		ACCT#32542175977593 WATER CO 01-21-210-73110	150.85 Total : 150.85
181320	3/29/2019	004955 ILCMA	032819		REGIST FRAMKE,CARR,LIPMAN 01-12-000-72170 01-35-000-72170	120.00 35.00 Total : 155.00
181321	3/29/2019	004875 IRMA	SALES0017324		FEBRUARY'19 DEDUCTIBLE 01-14-000-72541 60-00-000-72541	15,201.25 13,448.24 Total : 28,649.49
181322	3/29/2019	007233 JOLIET SUSPENSION, INC.	119042 119099	VTP-016780 VTP-016810	REPAIR BOTH REAR SPRINGS UNI 60-00-000-72540 REPLACE FRONT SPRINGS & ALIG 01-23-000-72540	604.58 610.26 Total : 1,214.84
181323	3/29/2019	018046 KEVRON PRINTING & MAILING,INC.	19-43508 19-43545 19-43570		BUSINESS CARDS DENISE MAIOLC 01-12-000-73110 17.50 EACH 100BUSINESS CARDS/ 01-33-300-72310 BUSINESS CARDS/HOWARD,FITZP.	25.00 52.50

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 15

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181323	3/29/2019	018046 KEVRON PRINTING & MAILING,INC.	(Continued)		60-00-000-72310	125.00
					Total :	202.50
181324	3/29/2019	005379 KLEIN, THORPE & JENKINS, LTD	032019		LEGAL SERV GENERAL/ADMINISTF 01-14-000-72850	347.00
					Total :	347.00
181325	3/29/2019	005349 KORTUM, LISA	032319		REIM.EXP.MEALS/LIMO-CENTRAL S 01-21-210-72170	359.77
			45372		REIM. EXP.OFFICE SUPPLIES/MLT 01-21-210-73110	21.38
					Total :	381.15
181326	3/29/2019	005617 LANDHEIM TRAINING CENTER	63743		BOARD,EXERCISE,BATH/YAMBO 01-17-220-72240	378.00
					Total :	378.00
181327	3/29/2019	018265 LIPMAN, HANNAH	032119		REIM.EXP. MILEAGE 54 @ 58.0 01-12-000-72130	31.32
					Total :	31.32
181328	3/29/2019	018527 LISTRO, SAMMY J.	032619		PERF DISCOVER TINLEY 01-41-046-72981	50.00
					Total :	50.00
181329	3/29/2019	005546 LODE, GENE	032519		REIM.EXP.MILEAGE & TOLLS/PLUM 01-33-300-72130	49.54
					Total :	49.54
181330	3/29/2019	005537 LORENDO, STEVE	032219		REIM.EXP.MEALS CONF EAST PEO 01-20-000-72220	53.20
			435422142041		REIM. EXP. LODG EAST PEORIAM I 01-20-000-72130	342.72
					Total :	395.92
181331	3/29/2019	012396 LORENZEN, ALLEN	032619		REIM.EXP. MEALS ISAWWA WATEF 60-00-000-72220	64.81

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 16

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181331	3/29/2019	012396	012396 LORENZEN, ALLEN		(Continued)	Total : 64.81
181332	3/29/2019	013059	MAIOLO, DENISE		REIM. EXP. SUBS 01-12-000-72220	20.00 Total : 20.00
181333	3/29/2019	012631	MASTER AUTO SUPPLY, LTD.		TIRE CEMENT 60-00-000-72540 01-23-000-72540 01-24-000-72540 01-17-205-72540 01-33-300-72540	2.40 2.40 2.39 3.59 1.20 Total : 11.98
181334	3/29/2019	006074	MENARDS		TAPE,GOLD METALLIC,PAINT,TURF 60-00-000-73620 60-00-000-73870 61914 REPAIR AND REPLACEMENT FURN VTP-016768 01-19-000-72524 61918 EYETOOLS,GLV,DETAIL BRUSH SE 60-00-000-73410 61928 BIT 01-23-000-73840 62017 DRILL COMBO,PUNCH,WRENCH 01-25-000-73410 62018 BLADE,WOOD GLUE,PART 01-25-000-73840 62028 MOP HEAD 01-25-000-73580 62137 POST MOUNT 01-23-000-73840 62302 CNCT,PLUG 01-19-000-73410 62307 FUEL PREMIX 01-19-000-73540 62308 WATER,PINE-SOL,NOZZLE 01-19-000-72220	18.77 129.69 719.10 28.82 3.49 19.06 8.44 13.98 58.79 43.77 28.74 51.67

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 17

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181334	3/29/2019	006074	006074 MENARDS		(Continued)	Total : 1,124.32
181335	3/29/2019	005742	METRO POWER INC.	12341	REBUILDING GENERATOR AT POS1 60-00-000-72530	6,465.07 Total : 6,465.07
181336	3/29/2019	018372	METROPOLITAN FIRE CHIEFS ASSOC	032719	DUES FOREST REEDER 01-19-000-72720	40.00 Total : 40.00
181337	3/29/2019	013855	MID-WEST SIGN SUPPLY CO.	0104291-IN	SIGN 01-23-000-73830	147.00 Total : 147.00
181338	3/29/2019	016256	MITTELMAN, JONATHAN	032119	REIM.EXP.CRISIS INTERVENTION C 01-17-205-72170 01-17-205-72720	185.00 25.00 Total : 210.00
181339	3/29/2019	005856	MONROE TRUCK EQUIPMENT,INC.	325022	LEVER,BOLT,BEARING,STICK HANI 01-23-000-72530	146.39 Total : 146.39
181340	3/29/2019	015386	MUNICIPAL GIS PARTNERS, INC	4357	GIS STAFFING DEC'18 01-16-000-72652	8,287.20 8,287.19
			4818		GIS STAFFING JAN'19 01-16-000-72652	8,475.86 8,475.85
			4819		GIS STAFFING FEB'19 01-16-000-72652 60-00-000-72652	8,475.86 8,475.85 Total : 50,477.81
181341	3/29/2019	015723	NICOR	64423710009	ACCT#64-42-37-1000 9 6825 173RD 01-25-000-72511	1,354.95
				81423710003	ACCT#81-42-37-1000 3 17375 69TH 01-25-000-72511	160.74

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 18

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181341	3/29/2019	015723 NICOR	(Continued) 90223493009		ACCT#90-22-34-9300 9 6700 SOUTH 73-67-000-72511	318.25
Total :						1,833.94
181342	3/29/2019	006221 NORTHERN SAFETY CO. INC.	903353483		EYEWEAR 60-00-000-73845 01-23-000-73845 01-24-000-73845	80.91 80.91 40.46
Total :						202.28
181343	3/29/2019	015811 NSN EMPLOYER SERVICES, INC.	3316		MANAGEMENT SERVICES APRIL-JU 01-14-000-72445	500.00
Total :						500.00
181344	3/29/2019	006475 PARK ACE HARDWARE	0348810/2		NUMBERS 01-19-000-73410 060454/1 VALVE, SCREWDRIVER SET 60-00-000-73410 060468/1 GREASE, FASTENERS 60-00-000-73840 60-00-000-73870 060522/1 STOPS, CABLE 60-00-000-74321 060536/1 STAPLES 60-00-000-73110 060540/1 MAILBOX POST, ROUGHNECK BLK 01-23-000-73840 060545/1 MARKING PAINT 01-19-000-72140 060564/1 ANCHOR KITS 01-25-000-72520	7.18 11.98 0.59 3.67 2.53 4.77 59.18 40.98 26.38
Total :						157.26
181345	3/29/2019	006780 POMP'S TIRE SERVICE, INC	410660198		TIRES 01-19-000-72570	500.96

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 19

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181345	3/29/2019	006780	006780 POMP'S TIRE SERVICE, INC	(Continued)		Total : 500.96
181346	3/29/2019	016035	PORCARO, RICHARD	032119	PERDIEM:LODG,MEALS/CARL STRI 01-17-220-72140	1,298.00 Total : 1,298.00
181347	3/29/2019	006507	POSTMASTER, U. S. POST OFFICE	032819	PERMIT#6 VEHICLE STICKER 2019 06-00-000-73210	8,535.37 Total : 8,535.37
181348	3/29/2019	015451	PROMO ANSWERS, INC.	1941427	WRAPPED STARLIGHT MINTS 01-41-046-72981	273.71 Total : 273.71
181349	3/29/2019	018795	PURCELL, ANDREW A	0000003	PHOTOGRAPHING CEREMONY 01-35-000-72985	75.00 Total : 75.00
181350	3/29/2019	006850	QUILL CORPORATION	4589311 5796384	NOTEBOOK,FOLDER 01-33-310-73110 BADGE CLIP,INSERT 01-35-000-73110	34.32 92.63 Total : 126.95
181351	3/29/2019	014412	RAINS, SCOTT	5530	REIM. EXP. FOOD YAMBO 01-17-220-72240	57.99 Total : 57.99
181352	3/29/2019	006361	RAY O'HERRON CO. INC	1868161-IN 1900413-IN 1904186-IN 1904850-IN	SERVING SINCE BRUSHED GOLD 01-17-205-73610 RAINCOATS 01-17-205-73610 BADGE 01-17-205-73610 BADGE PLAIN SEAL 01-17-205-73610	28.14 372.00 172.13 192.22 Total : 764.49

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 20

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181353	3/29/2019	017584 RELADYNE	1198065-IN		5W-20 BULK OIL	
				VTP-016779	01-17-205-73535	298.43
				VTP-016779	01-23-000-73535	125.00
				VTP-016779	60-00-000-73535	125.00
				VTP-016779	01-24-000-73535	48.42
					Total :	596.85
181354	3/29/2019	006940 ROCKAITIS, RANDALL N.	032319		PER DIEM:LODG,MEALS/TOBACCO	
					01-17-205-72140	155.88
					Total :	155.88
181355	3/29/2019	013234 ROMEOVILLE FIRE ACADEMY	2019-125		TRAINING ALEXANDER EMMANOU	
				VTP-016508	01-19-000-72145	155.00
					Total :	155.00
181356	3/29/2019	017649 ROT, LAURA	032619		REIM.EXP.ADDT'L DUE STAMPS	
			032619.		01-20-000-72110	15.00
					REIM. EXP.ADDT'L DUE POSTAGE	
					01-19-000-72110	25.00
					Total :	40.00
181357	3/29/2019	016334 RUSH TRUCK CENTERS	3014269688		SENSOR ASSEMBLY/GASKET VALV	
			3014369883	VTP-016788	01-23-000-72540	516.02
			3014371288		PLUG ASM,BOLT	119.45
					01-23-000-72540	
					CREDIT GASKET VALVE	
					01-23-000-72540	-328.24
					Total :	307.23
181358	3/29/2019	007049 RYDIN DECAL	354709		VEHICLE LICENSE DECALS	
					06-00-000-73210	5,873.45
					Total :	5,873.45
181359	3/29/2019	007629 SAM'S CLUB DIRECT	7183		****8162 WATER,COPY PAPER,WIPI	
					01-14-000-73110	4.49
					01-25-000-73580	4.49
					01-33-300-73110	4.49

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 21

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181359	3/29/2019	007629 SAM'S CLUB DIRECT	(Continued)			
					01-33-310-73110	4.49
					01-25-000-73580	8.98
					01-19-000-73110	119.92
					60-00-000-73115	27.94
					01-23-000-73115	27.94
					01-24-000-73115	13.98
			8827		WATER,COPY PAPER,SODA,FABU,(
					01-14-000-73115	3.74
					01-23-000-73115	3.74
					01-33-300-73115	3.73
					01-33-310-73115	3.73
					01-25-000-73580	31.12
					01-21-210-73110	149.90
					01-15-000-72220	54.90
					01-14-000-73115	21.90
					60-00-000-73115	5.98
					01-23-000-73115	5.98
					01-24-000-73115	2.98
					Total :	504.42
181360	3/29/2019	007283 SCHOLZ, EILEEN	19-02		REIM. EXP. AIRFARE/TYLER CONN	
					01-15-000-72130	375.96
					Total :	375.96
181361	3/29/2019	007109 SIRCHIE FINGER PRINT LABS	0390312-IN	VTP-016744	SECURE SWAB 2	
					01-17-225-73550	284.95
					Total :	284.95
181362	3/29/2019	018607 TELCOM INNOVATIONS GROUP, LLC	A53244		LABOR CHARGE BILLABLE REMOT	
					01-25-000-72777	325.00
					Total :	325.00
181363	3/29/2019	018264 THE LAKOTA GROUP, INC.	17030.04-05		HARMONY SQUARE 1/1/19-1/31/19	
					30-00-000-75905	21,413.50
			18047-02		TP DOWNTOWN STREETScape 11	
					30-00-000-75905	6,518.50

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 22

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181363	3/29/2019	018264	018264 THE LAKOTA GROUP, INC.		(Continued)	Total : 27,932.00
181364	3/29/2019	007886	THEODORE POLYGRAPH SERVICE	6525	POLY JONAH DEFFENBAUGH 01-41-040-72846	175.00 Total : 175.00
181365	3/29/2019	012480	TOTAL ADMINISTRATIVE SERV.CORP	IN1478885	FSA-ADMIN FEES 5/1/19-5/31/19 01-12-000-72449	213.39 Total : 213.39
181366	3/29/2019	012187	TOTAL AUTOMATION CONCEPTS, INC	W15701 W15702	POWER ISSUES POLICE DEPT 01-25-000-72530 HEATING SYSTEM METRA ST 6700 01-25-000-72530	89.00 89.00 Total : 178.00
181367	3/29/2019	004106	TYLER TECHNOLOGIES, INC	025-253181 045-244699	INCODER COURT CASE MANAGEME 01-17-205-72655 TIME CLOCK FOR EXECUTIME PW 30-00-000-74139	1,754.90 2,410.00 Total : 4,164.90
181368	3/29/2019	008040	UNDERGROUND PIPE & VALVE CO	034462	MAIN BREAK CLAMPS 60-00-000-73630	990.00 Total : 990.00
181369	3/29/2019	008057	USA BLUE BOOK	839982	HOSE 60-00-000-72530	413.72 Total : 413.72
181370	3/29/2019	018917	VEGAN HOMECOOK	032819	DEMO PARTICIPATION DISCOVER 1 01-41-046-72981	25.00 Total : 25.00
181371	3/29/2019	018250	VERIZON CONNECT NWF INC	OSV000001700207	CUST ID#TINL001 GPS TRUCK TRA 01-23-000-72790	322.15 Total : 322.15

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 23

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
181372	3/29/2019	012368	VISION INTEGRATED GRAPHICS,LLC	523368	MARCH 1ST WATER BILLS 60-00-000-72310 60-00-000-72110	1,639.68 2,432.33 Total : 4,072.01
181373	3/29/2019	010165	WAREHOUSE DIRECT WORKPL SOLTNS	4228194-0 4230839-0 4236474-0	PAPER 60-00-000-73110 01-23-000-73110 BOOKEND ,PAPER TOWELS 01-25-000-73580 01-23-000-73110 STAPLES 60-00-000-73110 01-23-000-73110 01-24-000-73110	47.59 47.59 37.94 5.96 13.88 13.88 6.95 Total : 173.79
181374	3/29/2019	011057	WEX BANK	58355877	ACCT#0414-00-849445-2 FUEL PUR 60-00-000-73530 01-23-000-73530	28.35 75.00 Total : 103.35
181375	3/29/2019	012034	WITMER PUBLIC SAFETY GROUP,INC	E1827156	RADIO STRAPS 01-19-000-72550	90.53 Total : 90.53
181376	3/29/2019	016828	ZIMBAUER, JASON	032619	REIM. EXP. MEALS ISAWWA TRNG 60-00-000-72220	50.68 Total : 50.68
107 Vouchers for bank code : apbank						Bank total : 333,811.78
107 Vouchers in this report						Total vouchers : 333,811.78

vchlist
03/29/2019 8:41:49AM

Voucher List
Village of Tinley Park

Page: 24

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
----------------	-------------	---------------	----------------	-------------	----------------------------	---------------

The Tinley Park Village Board having duly met at Village Hall do hereby certify that the following claims or demands against said village were presented and are approved for payment as presented on the above listing.

In witness thereof, the Village President and Clerk of the Village of Tinley Park, hereunto set their hands.

_____ Village President

_____ Village Clerk

_____ Date

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181377	3/29/2019	003606 CHICAGO SOUTHLAND CONV. V B	0319		FEB LIAB MARCH COLL HOTEL ACC 12-00-000-79107	15,335.46
					Total :	15,335.46
181380	4/5/2019	013126 22ND CENTURY MEDIA, LLC	2019-76244		TINLEY JUNCTION ISSUE 01-41-046-72981	586.11
					Total :	586.11
181381	4/5/2019	002856 AIRY'S, INC	23017	VTP-016811	WATER MAIN BREAK 60-00-000-72745	4,118.55
					Total :	4,118.55
181382	4/5/2019	011466 ALBERTSONS/SAFEWAY	803373-032219-3165		**** 0415 SODA 01-14-000-73115	11.97
			803435-032619-3192		**** 0415 BREAKFAST ITEMS,FRUIT 01-33-300-72220	66.55
			805010-032919-3165		**** 0410 GIFT CARDS BINGO SENI 01-41-056-72937	500.00
			806767-031319-3165		**** 0415 TRAYS,FRUIT,CHEESE,SA 30-00-000-75905	105.96
					Total :	684.48
181383	4/5/2019	002628 AMERICAN WATER	040119		MAR'19 SEWER TRTMNT BROOKSI 60-00-000-73225	45,792.00
					Total :	45,792.00
181384	4/5/2019	002793 AMSTERDAM PRINTING & LITHO	6256488		MEDICAL INFORMATION FILE LOOSE 01-12-000-73110	118.85
			6258821		FEDERAL LABOR LAW POSTER 01-12-000-73110	32.51
					Total :	151.36
181385	4/5/2019	003359 BACKFLOW SOLUTIONS INC	3585	VTP-016828	CROSS CONNECTION CONTROL PI 60-00-000-72790	2,919.03
					Total :	2,919.03

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181386	4/5/2019	018807 BAXTER & WOODMAN INC	0205186	VTP-016822	PROJ#180656.40 2019 WATER MAIN 60-00-000-72840	21,159.47
Total :						21,159.47
181387	4/5/2019	002974 BETTENHAUSEN CONSTRUCTION SERV	190030	VTP-016812	HAULING SPOILS 60-00-000-73681	595.00
			190032	VTP-016812	01-23-000-72890	255.00
			190032	VTP-016812	HAULING SPOILS 60-00-000-73681	525.00
			190034	VTP-016812	01-23-000-72890	225.00
			190034	VTP-016812	HAULING SPOILS 60-00-000-73681	280.00
			190039	VTP-016812	01-23-000-72890	120.00
			190039		HAULING WOOD CHIPS 01-23-000-73680	400.00
Total :						2,400.00
181388	4/5/2019	018928 BLANCO JR, JORGE	Ref001374715		UB Refund Cst #00508137 60-00-000-20599	75.00
Total :						75.00
181389	4/5/2019	012966 BOLING, THOMAS	03-19		SHAREPOINT 01-16-000-72650	2,287.50
Total :						2,287.50
181390	4/5/2019	015192 BONAREK, MELISSA	032819		PER DIEM:UBER/LYFT,MEALS SEM 01-17-205-72170	236.32
Total :						236.32
181391	4/5/2019	018420 BOUND TREE MEDICAL LLC	83150069	VTP-016765	PEDIATRIC ZOLL AED PADS 01-19-000-73115	1,041.12
					01-19-000-73115	13.30
Total :						1,054.42
181392	4/5/2019	003026 BROOK ELECTRICAL DISTRIBUTION	S008441123.001		CONN 01-25-000-73570	144.90
Total :						144.90

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181393	4/5/2019	003504 C & M PIPE & SUPPLY CO., INC	10347		4IN CONCRETE ADJ RING 01-23-000-73790	156.00
			10372		36IN FLAT FLATTOP 01-23-000-73790	234.50
Total :						390.50
181394	4/5/2019	003396 CASE LOTS INC	8325		MULTIFOLD BOXES,LINERS 01-25-000-73580	373.90
Total :						373.90
181395	4/5/2019	003229 CED/EFENGEE	5025-524446		PHIL 01-25-000-73570	169.34
			5025-524520		ELECTRICAL SUPPLIES/CODING T/	
				VTP-016829	60-00-000-73570	309.43
				VTP-016829	01-23-000-73570	309.43
				VTP-016829	01-24-000-73570	154.71
Total :						942.91
181396	4/5/2019	015199 CHICAGO PARTS & SOUNDS LLC	2-0000327		FLASHER 01-17-205-72540	49.50
			2J0000959		LABOR 16M REMOVE EMERG EQU 01-17-205-72540	275.00
			2J0000960		LABOR 6R REMOVE EMERG EQUIF 01-17-205-72540	275.00
			2J0000961		LABOR 6R AMBER INSTALLED SUF 01-17-205-72540	350.00
			2J0000962		LABOR 15M AMBER INSTALL SUPPI 01-17-205-72540	350.00
			2J0000975		LABOR REMOVE EMERG EQUIP FR 01-17-205-72540	275.00
			2J0000976		LABOR 16M INSTALL SUPPLIED AM 01-17-205-72540	350.00
Total :						1,924.50
181397	4/5/2019	017349 CHICAGO STREET CCDD, LLC	17103		DUMP FEE 3/12/19 01-23-000-72890	280.00
			17130		DUMP FEES	

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181397	4/5/2019	017349 CHICAGO STREET CCDD, LLC	(Continued)	VTP-016816	01-23-000-72890	630.00
Total :						910.00
181398	4/5/2019	018198 CHICAGOLAND INVESTIGATIVE SERV	5263		EMPLOYEE BACKGROUNDS	
					01-15-000-72446	350.00
					01-33-320-72446	427.90
					01-14-000-72446	350.00
					01-25-000-72446	1,827.90
					01-19-000-72446	388.95
					01-35-000-72446	350.00
					01-25-000-72446	75.00
Total :						3,769.75
181399	4/5/2019	012057 COMCAST CABLE	8771401810170142		ACCT#8771401810170142 3/30/19-4	
					01-14-000-72125	231.85
Total :						231.85
181400	4/5/2019	013878 COMED - COMMONWEALTH EDISON	0021100130		ACCT#0021100130 RT/23 METERED	
			0363058226		01-24-000-72510	49.26
			0369095018		ACCT#0363058226 TFLT 9340 W 17	
			0522112018		01-24-000-72510	85.57
			1222218001		ACCT#0369095018 6761 NORTH ST	
			2587063010		01-24-000-72510	32.40
			2761036017		ACCT#0522112018 LITE RT/25 PAR	
			2777112019		01-24-000-72510	40.07
			3214011009		ACCT#1222218001 1 E OAK PK SS I	
			3784064010		70-00-000-72510	106.13
					ACCT#2587063010 REAT TEMP 173	
					12-00-000-72510	21.56
					ACCT#2761036017 STREET LIGHTS	
					01-24-000-72510	60.68
					ACCT#2777112019 0 175TH ST & S/	
					01-23-000-72510	363.24
					ACCT#3214011009 16853 LAKEWO	
					60-00-000-72510	284.50
					ACCT#3784064010 16301 CENTRAL	

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181400	4/5/2019	013878	COMED - COMMONWEALTH EDISON		(Continued)	
					60-00-000-72510	226.92
			4329016037		ACCT#4329016037 TEMP PARK LOT	
					12-00-000-72510	28.92
			6483053261		ACCT#6483053261 IRRIGATION 174	
					01-23-000-72510	33.20
			7063131025		ACCT#7063131025 7813 174TH ST I	
					60-00-000-72510	64.90
			7090006006		ACCT#7090006006 TEMP PARKING	
					12-00-000-72510	21.56
			8363023007		ACCT#8363023007 0 179TH ST & 82	
					60-00-000-72510	309.11
					Total :	1,728.02
181401	4/5/2019	018311	CONNECTION		<911> - RPLCMNT DISPATCH WKST	
			56637012	VTP-016771	11-00-000-72530	4,386.18
			56652524	VTP-016730	<IT/PD> - SPARE MONITORS / ADD	
				VTP-016730	01-16-000-72565	316.96
				VTP-016730	01-17-220-72565	316.96
			56656760		HDMI,ADAPTER	
					01-16-000-72565	171.79
					Total :	5,191.89
181402	4/5/2019	012410	CONSERV FS, INC.		CONSERV,STRUCTRON	
			66027985		01-23-000-73410	131.52
					Total :	131.52
181403	4/5/2019	012826	CONSTELLATION NEWENERGY, INC.		ACCT#8061886 UTIL#6771163043 2/	
			14582019401		01-24-000-72510	3,445.22
			4623055116		CUST#795603-12 2/21/19-3/22/19	
					01-24-000-72510	12,573.35
					Total :	16,018.57
181404	4/5/2019	003635	CROSSMARK PRINTING, INC		UTILITY TERMINATION NOTICE	
			73716		60-00-000-72310	298.04
			73724		NEIGHBORHOOD WATCH POSTER	
					01-17-215-73600	168.81

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181404	4/5/2019	003635 003635 CROSSMARK PRINTING, INC	(Continued)			Total : 466.85
181405	4/5/2019	017603 DANDAN, RICK TARIQ	033119		CONSULTING SERV MARCH'19 01-33-300-72790	19,710.55 Total : 19,710.55
181406	4/5/2019	018924 DAVIDSON, JACQUELINE	Ref001374711		UB Refund Cst #00455921 60-00-000-20599	34.46 Total : 34.46
181407	4/5/2019	018920 DEVINE, MADISON G	032919		TOBACCO ENFORCEMENT DETAIL 01-17-205-73875	40.00 Total : 40.00
181408	4/5/2019	018926 DLUGOPOLSKI, DIANE	Ref001374713		UB Refund Cst #00503892 60-00-000-20599	39.05 Total : 39.05
181409	4/5/2019	018743 DON'S WORLD OF SPORTS INC.	45727		GARMENTS EMB ONLY 01-20-000-73610	32.00 Total : 32.00
181410	4/5/2019	003770 DUSTCATCHERS INC	59539 59991 59992 60040		MATS/VH 01-25-000-72790 MATS/PD 01-25-000-72790 MATS/PW GARAGE 01-25-000-72790 MATS/VH 01-25-000-72790	65.93 85.41 103.00 65.93 Total : 320.27
181411	4/5/2019	004094 E J EQUIPMENT INC.	P16819		BALL VALVES 60-00-000-72530	184.47 Total : 184.47
181412	4/5/2019	004009 EAGLE UNIFORM CO INC	275001	VTP-016736	UNIFORM 01-19-000-73610	80.00

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181412	4/5/2019	004009 EAGLE UNIFORM CO INC	(Continued) 275335		CITATION PINS 01-19-000-73610	300.00
Total :						380.00
181413	4/5/2019	004109 EASTERN ILLINOIS UNIVERSITY	030619.		MEMBERSHIP EILEEN SCHOLZ 01-15-000-72720	55.00
Total :						55.00
181414	4/5/2019	004033 EFFECTIVE SIGNS	19-03-143		HARMONY SQUARE BANNER 30-00-000-75905	338.00
Total :						338.00
181415	4/5/2019	011176 ELEMENT GRAPHICS & DESIGN, INC	14527 14529		GRAPHICS REMV & INSTLL 15M 01-17-205-72540 GRAPHICS REMV & INSTLL 16M 01-17-205-72540	146.01 331.77
Total :						477.78
181416	4/5/2019	018691 FGM ARCHITECTS	18-2533.01-6		FD ST #47 1/26/19-2/22/19 33-00-000-75907	25,218.60
Total :						25,218.60
181417	4/5/2019	004265 FIRE PROTECTION PUBLICATION	126873	VTP-016690	IFSTA MANUAL - STRUCTURAL FIRI 01-19-000-72140	395.00
Total :						395.00
181418	4/5/2019	012941 FMP	52-418165 52-418323 52-418731		ACCUMULATOR ASSY 01-17-205-72540 ACTUATOR ASY 01-17-205-72540 DEL 48PG 01-19-000-72540	42.64 39.91 141.19
Total :						223.74
181419	4/5/2019	011611 FOX VALLEY FIRE & SAFETY CO.	IN00253791		VTP-015831 MONTHLY RADIO MAIN 14-00-000-72750	4,074.50

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181419	4/5/2019	011611	011611 FOX VALLEY FIRE & SAFETY CO.	(Continued)		Total : 4,074.50
181420	4/5/2019	018886	GATOR CHEF INC	23979	SANDWICH/SALAD PREP REFRIGE 73-80-000-72530	3,214.50 Total : 3,214.50
181421	4/5/2019	018929	GHEITH, INAS	Ref001374716	UB Refund Cst #00497467 60-00-000-20599	7.68 Total : 7.68
181422	4/5/2019	010419	GLOBAL EMERGENCY PRODUCTS, INC	AGJ13758	ENGINE REPAIR E49/0731	
				AGJ13783	01-19-000-72540	7,675.01
				AGJ13784	MAINT E49/0739	
				AGJ13785	01-19-000-72540	9,801.29
				AGJ13786	MOTOR VEHICLES	
					01-19-000-72540	9,604.30
					MAINT E49/0739	
					01-19-000-72540	9,161.01
					MAINT E49/0739	
					01-19-000-72540	14,556.88
						Total : 50,798.49
181423	4/5/2019	012902	GO PARTS INC.	169013	OIL FILTER,ROTORS 01-17-205-72540	202.82 Total : 202.82
181424	4/5/2019	004542	GO PROMOTIONS	151213	JR. POLICE BADGE STICKERS 01-17-215-73600	411.63 Total : 411.63
181425	4/5/2019	004538	GOLDY LOCKS	668556	DUPL KEY 01-25-000-73840	3.95 Total : 3.95
181426	4/5/2019	004438	GRAINGER	9120133310	BATTERY 01-19-000-73410	232.00
				9123688237	GLOVES 60-00-000-73845	78.82

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181426	4/5/2019	004438 GRAINGER	(Continued)		01-23-000-73845	78.82
					01-24-000-73845	39.40
			9124130544		DECANTERS	
					60-00-000-73870	26.18
					01-23-000-73870	26.18
					01-24-000-73870	13.08
					Total :	494.48
181427	4/5/2019	015198 GREEN PROMOTING LLC	52924		POLOS	
					30-00-000-72987	470.70
					Total :	470.70
181428	4/5/2019	004741 HEARTS & FLOWERS	008540		DISH GARDEN	
					01-17-205-73600	50.00
					Total :	50.00
181429	4/5/2019	018927 HEIDENRY, NICK	Ref001374714		UB Refund Cst #00507196	
					60-00-000-20599	32.44
					Total :	32.44
181430	4/5/2019	016048 HRUBY, RYAN	040119		PER DIEM: MEALS FLD TRNG OFFC	
					01-17-220-72140	75.00
					Total :	75.00
181431	4/5/2019	005044 ILLINOIS FIRE CHIEF'S ASSOC.	19-260		MEMBERSHIP ROBERT BETTENHA	
					01-19-000-72720	40.00
					Total :	40.00
181432	4/5/2019	005160 ILLINOIS STATE POLICE	CC4004		CC 4004 TINLEY FINGERPRINT VILI	
					01-14-000-72848	141.25
					Total :	141.25
181433	4/5/2019	018922 INGALLS DEVELOPMENT FOUNDATION	032519		2019 BENEFIT GALA-TOURISM COM	
					12-00-000-72986	5,000.00
					Total :	5,000.00
181434	4/5/2019	018925 J A R INDUSTRIAL SALES	Ref001374712		UB Refund Cst #00479325	

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181434	4/5/2019	018925 J A R INDUSTRIAL SALES	(Continued)		60-00-000-20599	48.04
					Total :	48.04
181435	4/5/2019	005212 J. S. R. ENTERPRISES, INC.	22171	VTP-016815	RECIRCULATING PUMP AT POLICE 01-25-000-72520	2,154.76
			22355	VTP-015852	PD TMV INSTALLATION (FOR BUILI 01-25-000-72520	5,900.00
			22820	VTP-016107	FS1(46) TMV REPLACEMENT 01-25-000-72530	6,400.00
					Total :	14,454.76
181436	4/5/2019	017577 KARDS INC.	002335	VTP-016249	INSTALL REFLECTIVE CHEVRON O 01-19-000-72540	3,476.39
					Total :	3,476.39
181437	4/5/2019	018427 KERESTES MARTIN ASSOC INC	1801.07-14		WAYFINDING PLAN 30-00-000-72987	816.25
					Total :	816.25
181438	4/5/2019	005413 KNOX COMPANY	INV01632845	VTP-016579	KNOX BOX MAINT TAMPER SEALS 01-20-000-73872	420.00
					01-20-000-73872	15.00
					Total :	435.00
181439	4/5/2019	016966 KOZIOL, NINA	040419		DEMO PARTICIPATION DISCOVER T 01-41-046-72981	100.00
					Total :	100.00
181440	4/5/2019	013850 LANDSCAPE CONCEPTS MANAGEMENT	040119		REFUND OVERPAYMENT CONTR LI 01-14-000-79010	50.00
					Total :	50.00
181441	4/5/2019	005548 LAW ENFORCEMENT TARGETS,INC.	0412001-IN	VTP-016722	RUBBIE DUMMES 01-17-220-73760	1,219.25
					Total :	1,219.25
181442	4/5/2019	014190 LEHIGH HANSON	5735038		BED/BACKFILL	

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181442	4/5/2019	014190 LEHIGH HANSON	(Continued)			
				VTP-016814	60-00-000-73680	852.94
				VTP-016814	01-23-000-73680	426.47
				VTP-016814	70-00-000-73680	142.15
					Total :	1,421.56
181443	4/5/2019	018527 LISTRO, SAMMY J.	040419		DJ/PHOTOS WITH THE BUNNY	
					01-35-000-72923	50.00
					Total :	50.00
181444	4/5/2019	013858 LOWE'S HOME CENTER, INC.	23296397		**** 4879 MAILBOX,POST	
					01-23-000-73840	131.98
					Total :	131.98
181445	4/5/2019	007100 M. E.SIMPSON COMPANY, INC	33262		WATER ASSESSMENT PROGRAM	
			33275	VTP-016823	60-00-000-72790	20,307.00
					LEAK LOCATION DUVAN DR & 175T	
					60-00-000-72513	250.00
					Total :	20,557.00
181446	4/5/2019	005765 MARTIN WHALEN O.S. INC.	IN1844146		MAINTENANCE CONTRACT FOR C	
				VTP-016813	01-24-000-72750	399.59
				VTP-016813	60-00-000-72750	799.18
				VTP-016813	01-23-000-72750	799.19
					Total :	1,997.96
181447	4/5/2019	012631 MASTER AUTO SUPPLY, LTD.	15030-67993		LONG LIFE	
			15030-68098		01-23-000-72540	6.46
					SWAY BAR LINKS	
					01-19-000-72540	19.92
					Total :	26.38
181448	4/5/2019	006074 MENARDS	60854		1/4-20 X 3/4 PH FL MS SS	
			60877		73-67-000-72520	1.59
			62027		PROTECTOR,CANVAS,POST ITS,AC	
					60-00-000-72528	80.73
					5/16 X 1- 1/4 FEND WASH 5PC	

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181448	4/5/2019	006074 MENARDS	(Continued)			
			62304		01-23-000-73840 DUCK BLUE TAPE,ADHESIVE	3.18
			62305		01-25-000-72530 FOAM SEAL WHT LRG	13.82
			62306		01-25-000-72520 STEP DRILL BIT SET 2PC	3.78
			62326		01-25-000-73410 1/4-20 TAP #7 DRILL COMBO	19.99
			62381		30-00-000-74106 CORDS,OUTLET	25.72
			62385		01-24-000-73570 HAMMER,PAIL,CHISEL,LID,LEVEL	48.00
			62411		01-23-000-73410 PARTS	66.65
			62424		01-25-000-73840 DUCT TAPE,CAUTION TAPE	4.97
					60-00-000-73870	21.56
					01-23-000-73870	21.56
					01-24-000-73870	10.78
			62430		CLNR/DEGREASER	
					01-25-000-73580	19.16
			62568		STERILITE,LATCH BOX,WRENCH S	
					01-33-300-73870	59.31
			62837		WASH,COOLER	
					01-21-000-72530	58.55
					Total :	459.35
181449	4/5/2019	017651 MSC INDUSTRIAL SUPPLY CO.	2886361001		HARDWARE/WATER DEPT REPAIRS	
				VTP-016821	60-00-000-73632	516.62
			2886368001		SCREWS	
					60-00-000-73840	156.59
			2886511001		PARTS,SEAL,BULBS,DRILL BITS	
					60-00-000-72540	56.08
					01-23-000-72540	56.08
					01-24-000-72540	30.71

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181449	4/5/2019	017651	017651 MSC INDUSTRIAL SUPPLY CO.	(Continued)		Total : 816.08
181450	4/5/2019	018026	MUNICIPAL FLEET MANAGERS ASSOC	19-093	2019 DUES/MUNICIPAL FLEET MAN 01-23-000-72720	30.00 Total : 30.00
181451	4/5/2019	015386	MUNICIPAL GIS PARTNERS, INC	4820	GIS STAFFING MARCH'19 01-16-000-72652 60-00-000-72652	8,475.86 8,475.85 Total : 16,951.71
181452	4/5/2019	010810	MUNICIPAL SERV. CONSULTING INC	TPCN-3-19 TPCS-3-19	CONSULTING SERV CIMP 30-00-000-75812 COMM & TECH PROJ UPGRADE RA 11-00-000-72750	8,421.00 13,597.50 Total : 22,018.50
181453	4/5/2019	006226	NFPA	040319	NFPA CERT FIRE PLAN EXAMINER 01-20-000-72140	150.00 Total : 150.00
181454	4/5/2019	015723	NICOR	01981510009 06821610000 53463710003 54072310003 73675410002 74433410003 83523710008 96019958527	ACCT#01-98-15-1000 9 7780 W 183I 01-25-000-72511 ACCT#06-82-16-1000 0 6640 167TH 60-00-000-72511 ACCT#53-46-37-1000 3 18241 S 80T 01-25-000-72511 ACCT#54-07-23-1000 3 16250 OAK I 01-25-000-72511 ACCT#73-67-54-1000 2 7800 183RD 01-25-000-72511 ACCT#74-43-34-1000 3 7700 W 183I 01-25-000-72511 ACCT#83-52-37-1000 8 7980 183RS 01-25-000-72511 ACCT#96-01-99-5852 7 7999 TIMBEI 73-80-000-72511	340.03 421.93 69.79 895.79 1,367.70 28.78 1,356.66 329.22

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181454	4/5/2019	015723	015723 NICOR		(Continued)	Total : 4,809.90
181455	4/5/2019	006221	NORTHERN SAFETY CO. INC.	903381011	SMOKE CHEATERS,EYEWEAR,GLC 60-00-000-73845 01-23-000-73845 01-24-000-73845	31.37 31.37 15.69 Total : 78.43
181456	4/5/2019	010135	ONSITE COMMUNICATIONS USA, INC	49057 49087	CABLE,ANTENNAS 01-21-000-72550 PORTABLE TWO-WAY RADIOS 01-21-000-72550	101.20 2,215.00 Total : 2,316.20
181457	4/5/2019	006475	PARK ACE HARDWARE	034838/2 034854/2 060575/1 060579/1	SHWRHEAD,LEVER HANDLE 01-19-000-72520 MAILBOX,STOP NUT 01-23-000-73840 TIDE 01-19-000-73580 DETERGENT,HND SOAP,TOWELS 01-19-000-73580	37.98 103.17 19.98 288.35 Total : 449.48
181458	4/5/2019	006507	POSTMASTER, U. S. POST OFFICE	032919	PERMIT#6 APRIL'19 WATER BILLS 60-00-000-72110	2,839.12 Total : 2,839.12
181459	4/5/2019	006559	PRAXAIR DISTRIBUTION, INC	88355629	ACETYLENE,HIGH PRESSURE 60-00-000-73730 01-23-000-73730 01-24-000-73730	88.58 88.58 44.29 Total : 221.45
181460	4/5/2019	018930	QUICK SCOOP	7241/0419	PET WASTE CLEAN UP 01-33-300-72750	40.00 Total : 40.00

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181461	4/5/2019	006850 QUILL CORPORATION	6214781		TRIFOLD BROCHURE 01-35-000-73110	56.08
					Total :	56.08
181462	4/5/2019	006361 RAY O'HERRON CO. INC	1918129-IN	VTP-016743	AMMO 01-17-220-73760	1,424.80
					Total :	1,424.80
181463	4/5/2019	009047 RIORDAN, DANIEL	040219		REIM.EXP.LODG/FIRE&LIFE SAFET 01-20-000-72130	228.48
					Total :	228.48
181464	4/5/2019	006940 ROCKAITIS, RANDALL N.	040319		PER DIEM: MEALS/ICS 300&400 4/1 01-17-220-72140	60.00
					Total :	60.00
181465	4/5/2019	006922 RUBINO'S ITALIAN IMPORTS	033		SUBS,SALAD,MOSTICOLLI 60-00-000-72220 01-23-000-72220 01-24-000-72220	144.00 144.00 72.00
					Total :	360.00
181466	4/5/2019	016334 RUSH TRUCK CENTERS	3014438068		GASKET 60-00-000-72540	39.21
					Total :	39.21
181467	4/5/2019	007316 SALINA'S PASTA & PIZZA INC	245174		FOLDING CHAIRS/GROUND BREAK 30-00-000-75905	78.30
					Total :	78.30
181468	4/5/2019	007629 SAM'S CLUB DIRECT	0403		****8162 SODA,KLEENEX,COFFEE,(01-17-215-73110 01-17-205-73110 01-17-205-73315	48.80 59.92 18.36
			8987		CNDY,TEA BGS,CFFEE,BOWLS,WT 01-41-056-72937 60-00-000-73115 01-23-000-73115	190.32 20.69 20.69

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181468	4/5/2019	007629 SAM'S CLUB DIRECT	(Continued)			
					01-24-000-73115	10.34
					01-14-000-73115	6.11
					01-25-000-73115	6.11
					01-33-300-73115	6.10
					01-33-310-73115	6.10
			9539		SNACKS,WATER, TABLECVR,CANDI	
					01-14-000-73115	160.26
					01-25-000-73580	14.96
					01-14-000-73115	3.74
					60-00-000-73115	3.74
					01-33-300-73115	3.73
					01-33-310-73115	3.73
					01-14-000-73110	14.99
					60-00-000-73110	14.99
					01-33-300-73110	14.99
					01-33-310-73115	14.99
					60-00-000-73115	10.97
					01-23-000-73115	10.97
					01-24-000-73115	5.48
					60-00-000-73110	21.56
					01-23-000-73110	21.56
			9795		01-24-000-73110	10.78
					SODA,SNACKS,COOKIE TRAY,SHEI	
					01-14-000-73115	36.58
					60-00-000-73115	18.18
					01-23-000-73115	18.18
					01-24-000-73115	9.08
					Total :	807.00
181469	4/5/2019	007453 SERVICE SANITATION, INC.	7693892		VTP-015832 RESTROOM FIRE TRN	
					01-19-000-72750	153.32
					Total :	153.32
181470	4/5/2019	007577 SHERWIN WILLIAMS CO	2884-6		PAINT	
					01-25-000-73620	34.16

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181470	4/5/2019	007577 007577 SHERWIN WILLIAMS CO	(Continued)			Total : 34.16
181471	4/5/2019	018921 SOJKA, CATHY	032919		TOBACCO ENFORCEMENT DETAIL 01-17-205-73875	40.00 Total : 40.00
181472	4/5/2019	007224 STANDARD EQUIPMENT COMPANY	P12872	VTP-016820	HOOD PARTS UNIT 99 SWEEPER 01-23-000-72530	1,080.64 Total : 1,080.64
181473	4/5/2019	012238 STAPLES BUSINESS ADVANTAGE	3408782239		DIVIDERS,BINDERS 01-17-205-73110	88.18 Total : 88.18
181474	4/5/2019	011189 STAPLES CREDIT PLAN	2251171121 2255393831		**** 8086 DIVIDER,SWIFFER CLOTH 01-21-210-73110 CREDIT DIVIDER 01-21-210-73110	74.36 -45.98 Total : 28.38
181475	4/5/2019	015452 STEINER ELECTRIC COMPANY	S006300231.001 S006306994.001 S006311893.001 S006313136.001		MINI-COM MODULE 01-24-000-73570 DRILL TAP,HEX HD TEK 01-25-000-73840 BUCHANAN PC/BOX 01-24-000-73570 BUCHANAN PC/BOX 01-24-000-73570	108.30 41.33 24.17 16.70 Total : 190.50
181476	4/5/2019	018878 SUPERION LLC	230274 230688	VTP-016574 VTP-016574	<IT> - REPLACEMENT 911 CAD SEF 11-00-000-74126 <IT> - REPLACEMENT 911 CAD SEF 11-00-000-74126	2,369.00 450.00 Total : 2,819.00
181477	4/5/2019	007297 SUTTON FORD INC./FLEET SALES	480762		SOCKET ASY 01-17-205-72540	310.02

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181477	4/5/2019	007297	007297 SUTTON FORD INC./FLEET SALES (Continued)			Total : 310.02
181478	4/5/2019	018724	THE LOCKER SHOP		ES 60811 SHIRTS,SHORTS,WINDSHIRT	
					01-19-000-73610	104.00
					ES 61064 SHORTS,SHIRTS	
					01-19-000-73610	67.00
					OE 60810 SHORTS,SHIRTS	
					01-19-000-73610	102.00
					OE 60830 WINDSHIRT,WORK SHIRT	
					01-19-000-73610	115.00
					OE 61404 SHORTS,WINDSHIRT,CAP	
					01-19-000-73610	289.00
					OES 60816 SHIRTS,SHORTS,BELT,POLO,BOOT	
					01-19-000-73610	350.00
					OES 60832 SHIRTS,WINDSHIRT	
					01-19-000-73610	370.00
					OES 61403 SHIRTS,POLOS,SHORTS,WINDSHIR	
					01-19-000-73610	285.00
					Total :	1,682.00
181479	4/5/2019	007886	THEODORE POLYGRAPH SERVICE	6540	POLY EXAM JOHN SUTKO	
					01-41-040-72846	175.00
					Total :	175.00
181480	4/5/2019	004490	TINLEY PARK POLICE DEPT.	040119	PETTY CASH REIM MILEAGE,MTG,F	
					01-17-205-72130	21.55
					01-17-205-72170	20.00
					01-17-205-73530	15.03
					01-17-205-73600	21.84
					01-17-215-72220	83.27
					Total :	161.69
181481	4/5/2019	004816	UNIVERSITY OF ILLINOIS	92916	COMMERCIAL PESTICIDE TRAINING	
				VTP-016831	01-23-000-72140	300.00
				VTP-016831	01-23-000-73590	195.00
					Total :	495.00

Voucher List
Village of Tinley Park

Bank code : apbank

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
181482	4/5/2019	008011 URBANSKI, JOHN	032919		REIM.EXP. LODG,MEALS WATERCC 60-00-000-72170	740.91
Total :						740.91
181483	4/5/2019	006362 VILLAGE OF OAK LAWN	6348		REGIONL WATR LOAN INTERST PY 60-00-000-73221	19,764.38
			ACCT#1-9990015-00		ACCT#1-9990015-00 3/1/19-4/1/19 60-00-000-73220	1,011,883.34
Total :						1,031,647.72
181484	4/5/2019	012368 VISION INTEGRATED GRAPHICS,LLC	523368		MARCH 1ST WATER BILLS 60-00-000-72310	1,639.68
Total :						1,639.68
181485	4/5/2019	011055 WARREN OIL CO.	W1211917		N.L. GAS USED 3/15/19-3/28/19 01-17-205-73530	5,423.67
					01-19-000-73530	230.81
					01-20-000-73530	74.34
					01-21-000-73530	27.14
					60-00-000-73530	804.10
					01-24-000-73530	510.54
					01-33-300-73530	122.58
					01-33-310-73530	15.73
					01-12-000-73530	123.96
					14-00-000-73530	32.68
					01-53-000-73530	142.81
					01-42-000-73545	169.08
					01-23-000-73530	483.74
			W1211918		DIESEL USED 3/6/19-3/28/19 01-19-000-73545	1,630.93
					60-00-000-73545	1,035.39
					01-23-000-73545	1,491.79
					01-24-000-73545	412.92
					01-14-000-73531	5,143.30
Total :						17,875.51
107 Vouchers for bank code : apbank						Bank total : 1,399,671.59

Bank code : apbank

<u>Voucher</u>	<u>Date</u>	<u>Vendor</u>	<u>Invoice</u>	<u>PO #</u>	<u>Description/Account</u>	<u>Amount</u>
----------------	-------------	---------------	----------------	-------------	----------------------------	---------------

107 Vouchers in this report

Total vouchers : 1,399,671.59

The Tinley Park Village Board having duly met at Village Hall do hereby certify that the following claims or demands against said village were presented and are approved for payment as presented on the above listing.

In witness thereof, the Village President and Clerk of the Village of Tinley Park, hereunto set their hands.

_____ Village President

_____ Village Clerk

_____ Date

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

ORDINANCE
NO. 2019-O-014

**AN ORDINANCE APPROVING THE OFFICIAL ZONING MAP OF THE
VILLAGE OF TINLEY PARK**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
MICHAEL W. GLOTZ
WILLIAM P. BRADY
JOHN A. CURRAN
Board of Trustees

Published in pamphlet form by authority of the President and Board of Trustees of the Village of Tinley Park
Peterson, Johnson, & Murray Chicago, LLC, Village Attorneys
200 W. Adams, Suite 2125 Chicago, IL 60606

VILLAGE OF TINLEY PARK

Cook County, Illinois

Will County, Illinois

ORDINANCE NO. 2019-R-014**AN ORDINANCE APPROVING THE OFFICIAL ZONING MAP OF THE
VILLAGE OF TINLEY PARK**

WHEREAS, Section 6(a) of Article VII of the 1970 Constitution of the State of Illinois provides that any municipality which has a population of more than 25,000 is a home rule unit, and the Village of Tinley Park, Cook and Will Counties, Illinois, with a population in excess of 25,000 is, therefore, a home rule unit and, pursuant to the provisions of said Section 6(a) of Article VII, may exercise any power and perform any function pertaining to its government and affairs, including, but not limited to, the power to tax and to incur debt; and

WHEREAS, pursuant to 65 ILCS 5/11-13-19 of the Illinois Municipal Code, the corporate authorities of the Village of Tinley Park (“Village”) shall publish, no later than March 31st of each year, a map showing the existing zoning uses, divisions, restrictions, regulations, and classifications of the Village (“Zoning Map”) for the preceding calendar year; and

WHEREAS, the corporate authorities of the Village desire to adopt said Zoning Map, attached hereto as Exhibit 1; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interest of the Village of Tinley Park and its residents to adopt said Zoning Map; and

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF TINLEY PARK, COOK AND WILL COUNTIES, ILLINOIS, STATE AS FOLLOWS:

SECTION 1: The foregoing recitals shall be and are hereby incorporated as findings of fact as if said recitals were fully set forth herein.

SECTION 2: The President and Board of Trustees of Village of Tinley Park hereby approve and adopt the Zoning Map, attached hereto as Exhibit 1, as the Official Zoning Map of the Village of Tinley Park.

SECTION 3: That said Official Zoning Map shall be maintained and available for inspection at the Village of Tinley Park, Village Hall.

SECTION 4: Any policy, resolution, or ordinance of the Village that conflicts with the provisions of this Ordinance shall be and is hereby repealed to the extent of such conflict.

SECTION 5: That the Village Clerk is hereby ordered and directed to publish this Ordinance in pamphlet form, and this Ordinance shall be in full force and effect from and after its passage, approval, and publication as required by law.

PASSED THIS 19th day of March, 2019.

AYES:

NAYS:

ABSENT:

APPROVED THIS 19th day of March, 2019.

VILLAGE PRESIDENT

ATTEST:

VILLAGE CLERK

STATE OF ILLINOIS)
 COUNTY OF COOK) SS
 COUNTY OF WILL)

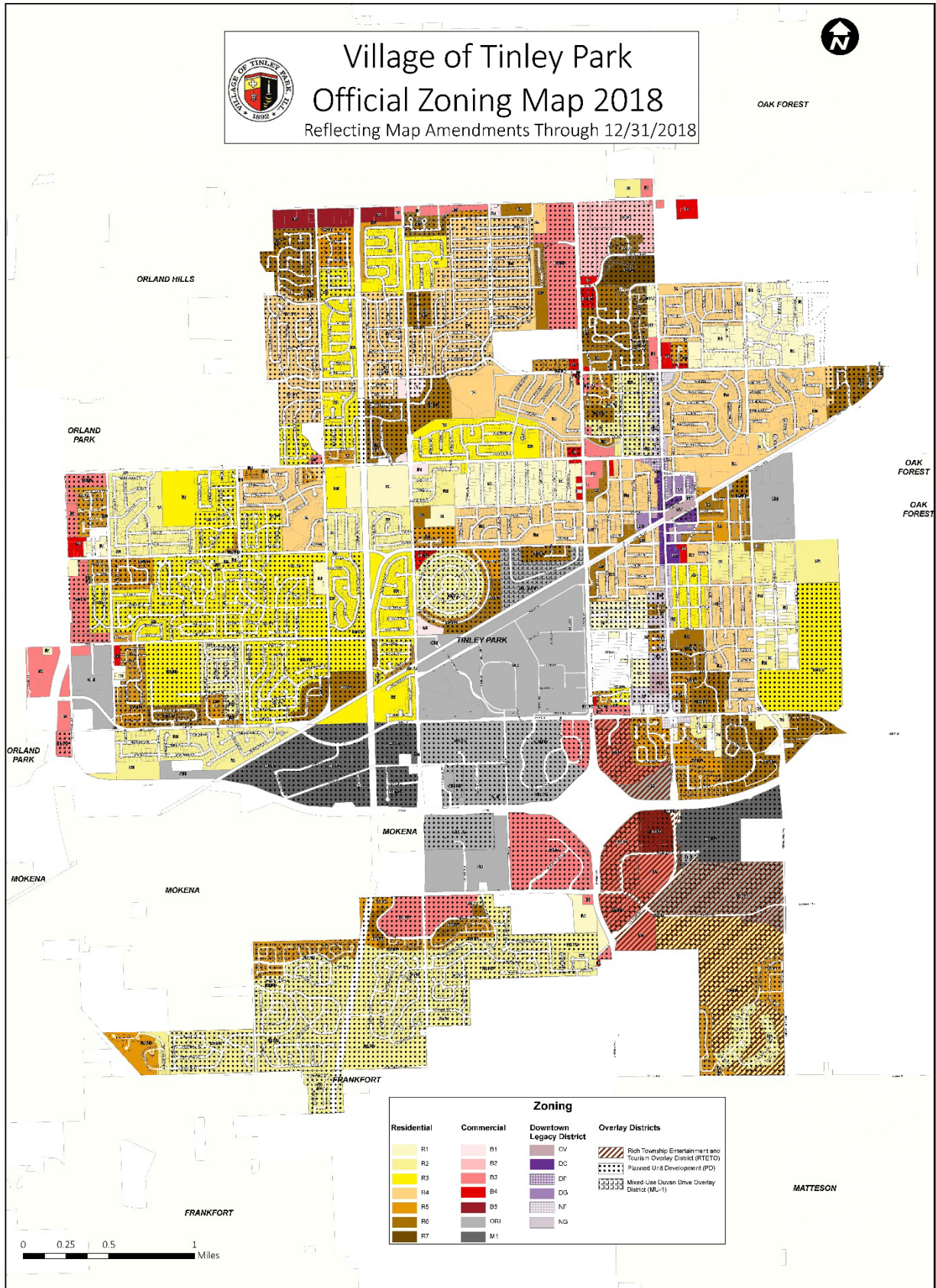
CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Ordinance No. 2019-O-014, “AN ORDINANCE APPROVING THE OFFICIAL ZONING MAP OF THE VILLAGE OF TINLEY PARK,” which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK

EXHIBIT 1





PLAN COMMISSION STAFF REPORT

March 7, 2019

Applicant

Village of Tinley Park

Official Zoning Map Approval – 2018 Map

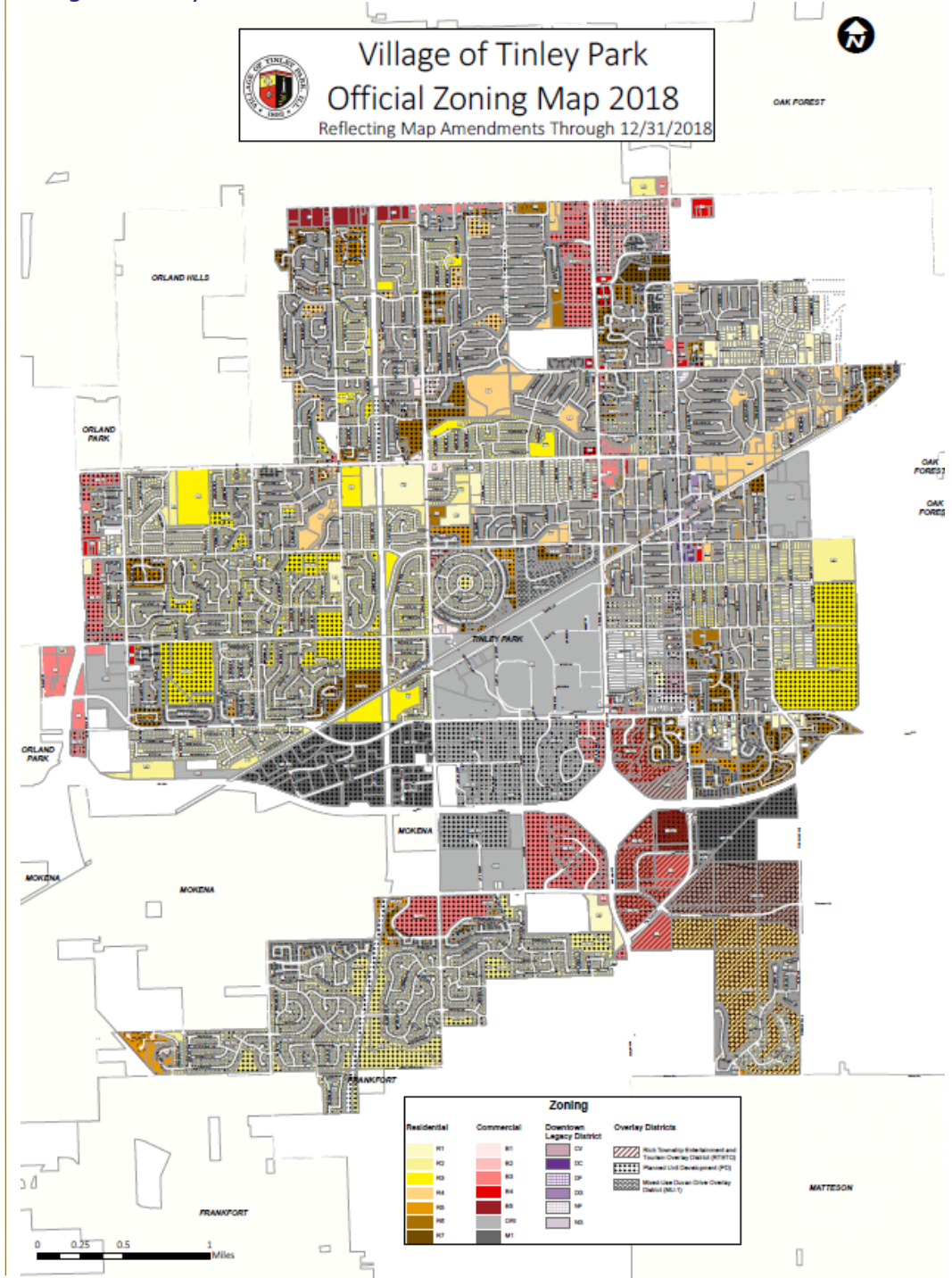
Village of Tinley Park

Approvals Sought

Official Zoning Map recommendation to the Village Board

Project Planner

Kimberly Clarke
Planning Manager



Staff has worked with the Village's GIS Consultant, MGP, Inc., to review the Village's Zoning Map and identify all updates and corrections through December 31, 2018. Per the Illinois Municipal Code, municipalities must adopt an Official Zoning Map by March 31st of each year.

Village Board approval is scheduled for March 19, 2019 to review and approve the draft version of the 2018 Official Zoning Map. The Plan Commission must provide a recommendation to the Village Board as to whether or not to approve the official zoning map as proposed by Staff.

Staff notes that **no properties are being rezoned** as part of the adoption of the official zoning map. All zoning changes included a public hearing at the time of their approval and the request is simply ensuring the map correctly reflects any of the previous year's changes. The corrections made to the map reflect either map amendments (rezonings), annexations, and subdivisions approved in 2018, or corrections that were previously approved but not accurately documented.

BACKGROUND

The Illinois Municipal Code (65 ILCS 5/11-13-19) requires municipal authorities to annually publish an Official Zoning Map by March 31st each year.

*(65 ILCS 5/11-13-19) (from Ch. 24, par. 11-13-19) Sec. 11-13-19. Except as otherwise provided in this section, **the corporate authorities shall cause to be published no later than March 31 of each year a map clearly showing the existing zoning uses, divisions, restrictions, regulations and classifications of such municipality for the preceding calendar year.***

The map published by the corporate authorities shall be the official zoning map.

Throughout the year the Village's GIS Consultant maintains the on-line map and keeps it current; however an official map must still be approved each year. Staff has reviewed the current Zoning Map, made corrections based on map amendments through December 31, 2018, and provided a proposed draft of the Official Zoning Map for the Plan Commission's review.

CORRECTIONS TO THE ZONING MAP

Staff has also identified various corrections to the Official Zoning Map for 2018, including:

- The property at 6820 Centennial Drive was left out of the Brentowne Mall PUD and was previously shown as only B-2 zoning. This has been corrected to show the lot in the surrounding B-2 PD zoning. This error was noted in the February 21, 2019 staff report for a Substantial Deviation requested by CTF Illinois.

There were no annexations or rezoning approval in 2018. The Village's GIS Consultant, MGP, Inc., has provided an updated map that reflects the correction noted by Staff. The updated map has been included in the Plan Commission packet in draft form.

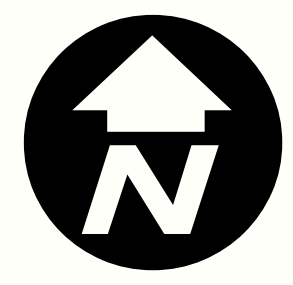
RECOMMENDATION

Following a successful review, proceed to Village Board on March 19, 2019.



Village of Tinley Park Official Zoning Map 2018

Reflecting Map Amendments Through 12/31/2018



OAK FOREST

ORLAND HILLS

ORLAND PARK

OAK FOREST

OAK FOREST

TINLEY PARK

ORLAND PARK

MOKENA

MOKENA

MOKENA

FRANKFORT

FRANKFORT

MATTESON



Zoning			
Residential	Commercial	Downtown Legacy District	Overlay Districts
R1	B1	CV	Rich Township Entertainment and Tourism Overlay District (RTETO)
R2	B2	DC	Planned Unit Development (PD)
R3	B3	DF	Mixed-Use Duvan Drive Overlay District (MU-1)
R4	B4	DG	
R5	B5	NF	
R6	ORI	NG	
R7	M1		



**MINUTES OF THE REGULAR MEETING OF THE
PLAN COMMISSION, VILLAGE OF TINLEY PARK,
COOK AND WILL COUNTIES, ILLINOIS**

March 7, 2019

The Regular Meeting of the Plan Commission was held in the Council Chambers of Village Hall on March 7, 2019 at 7:00 p.m.

PLEDGE OF ALLEGIANCE

ROLL CALL

Plan Commissioners: Ken Shaw, Chairman
Tim Stanton
Angela Gatto
Lucas Engel
Garrett Gray
Eduardo Mani
Chuck Augustyniak
MaryAnn Aitchison
Stephen Vick

Absent Plan Commissioner(s): None

Village Officials and Staff: Kimberly Clarke, Planning Manager
Dan Ritter, Senior Planner
Barbara Bennett, Commission Secretary

CALL TO ORDER

PLAN COMMISSION CHAIRMAN SHAW called to order the Regular Meeting of the Plan Commission for March 7, 2019 at 7:01 p.m.

COMMUNICATIONS

None at this time

APPROVAL OF MINUTES

Minutes of the February 21, 2019 Regular Meeting of the Plan Commission were presented for approval. A Motion was made by COMMISSIONER STANTON, seconded by COMMISSIONER GATTO, to approve the Minutes as presented. The Motion was approved by voice call. CHAIRMAN SHAW declared the Motion approved as presented.

TO: VILLAGE OF TINLEY PARK PRESIDENT AND BOARD OF TRUSTEES

FROM: VILLAGE OF TINLEY PARK PLAN COMMISSION

SUBJECT: MINUTES OF THE MARCH 7, 2019 REGULAR MEETING

Item #3 DISCUSSION/REVIEW: ANNUAL ZONING MAP APPROVAL

Staff has worked with the Village's GIS Consultant, MGP, Inc., to review the Village's Zoning Map and identify all updates and corrections through December 31, 2018. Per the Illinois Municipal Code, municipalities must adopt an Official Zoning Map by March 31st of each year. No properties are being rezoned as part of the adoption of the official zoning map, it is only updating the previous year's changes. At that time the Plan Commission must provide a recommendation to the Village Board as to whether or not to approve the official zoning map as proposed by Staff.

Present were the following:

Plan Commissioners: Ken Shaw, Chairman
Tim Stanton
Angela Gatto
Lucas Engel
Garrett Gray
Eduardo Mani
Chuck Augustyniak
MaryAnn Aitchison
Stephen Vick

Absent Plan Commissioner(s): None

Village Officials and Staff: Kimberly Clarke, Planning Manager
Dan Ritter, Senior Planner
Barbara Bennett, Commission Secretary

Guests: None

Dan Ritter, Senior Planner gave a presentation as noted in the Staff Report. Per the Illinois Municipal Code, municipalities must adopt an Official Zoning Map by March 31st of each year. Staff has worked with the Village's GIS Consultant, MGP, Inc. to review the Village's Zoning Map and identify all updates and corrections through December 31, 2018.

The Illinois Municipal Code (65 ILCS 5/11-13-19) requires municipal authorities to annually publish an Official Zoning Map by March 31st each year.

(65 ILCS 5/11-13-19) (from Ch. 24, par. 11-13-19) Sec. 11-13-19. Except as otherwise provided in this section, the corporate authorities shall cause to be published no later than March 31 of each year a map clearly showing the existing zoning uses, divisions, restrictions, regulations and classifications of such municipality for the preceding calendar year. The map published by the corporate authorities shall be the official zoning map.

Throughout the year the Village's GIS Consultant maintains the online map and keeps it current; however an official map must still be approved each year. Staff has reviewed the current Zoning Map, made corrections based on map amendments through December 31, 2018, and provided a proposed draft of the Official Zoning Map for the Plan Commission's review.

Staff has identified one correction to the Official Zoning Map for 2018, including:

- The property at 6820 Centennial Drive was left out of the Brementowne Mall PUD and was previously shown as only B-2 zoning. This has been corrected to show the lot in the surrounding B-2 PD zoning. This error was noted in the February 21, 2019 staff report for a Substantial Deviation requested by CTF Illinois.

There were no annexations or rezoning approval in 2018. The Village's GIS Consultant, MGP, Inc., has provided an updated map that reflects the correction noted by Staff. The updated map has been included in the Plan Commission packet in draft form.

CHAIRMAN SHAW asked for a motion:

A Motion was made by COMMISSIONER GATTO, seconded by COMMISSIONER AUGUSTYNIAK to recommend that the Village Board approve the official Zoning Map of 2018 as drafted and presented to the Plan Commission at this meeting. The Motion was approved by voice call. CHAIRMAN SHAW declared the Motion unanimously approved.

The will be presented to the Village Board on March 19, 2019.

GOOD OF THE ORDER:

1. On March 13, 2019 there is a Ground Breaking Event for the North Street improvements. The final plans for the Plaza will be presented to the Plan Commission in the future.
2. Staff was contacted by the developer to schedule a pre-construction meeting for the Boulevard at Central Station project. The developer is working on finalizing their construction drawings to submit for a building permit.

COMMENTS FROM THE COMMISSION

None at this time.

PUBLIC COMMENT:

None at this time.

ADJOURNMENT:

There being no further business, a Motion was made by PLAN COMMISSIONER GRAY, seconded by PLAN COMMISSIONER AUGUSTYNIAK to adjourn the Regular Meeting of the Plan Commission of March 7, 2019 at 8:15 p.m. The Motion was unanimously approved by voice call. PLAN COMMISSION CHAIRMAN SHAW declared the meeting adjourned.

MEMORANDUM

DATE: March 15, 2019
TO: Trustee Brian H. Younker
 Chair – Public Works Committee
FROM: Colby Zemaitis, PE CFM, Village Engineer

SUBJECT: FY2020 Pavement Management Program (PMP)- Street Resurfacing

Attached for your reference is a list which shows the preliminary streets that are being recommended to be covered under the FY2020 program. The recommendation includes approximately 11.2 miles of streets to be resurfaced under the program. The total funding needed for the estimated cost of the FY2020 Program is \$3,960,000.

Provided below is a summary of the projected available funds from the various funding sources used in the past for the FY2020 Pavement Management Program as discussed with the Treasurer's office.

<i>Motor Fuel Tax Fund</i>	<i>\$1,506,784</i>
Regular MFT	\$1,450,000
High Growth Impact Allocation	\$56,784
<i>Local Roads Fund</i>	<i>\$2,453,216</i>

The amount reflected above does not anticipate any increase in existing revenues, any grants through SSMMA or the dedication of other existing revenues.

We have found success in bidding the program early as it enables the Village to get lower asphalt prices. Early bids tend to be more competitive since it is often the first large program put out for bid and there is still uncertainty in the market as to the availability of projects for Contractors early in the season.

A schedule for adoption of the MFT Resolution/Agreements, bidding schedule, award and construction is provided below.

- **Tuesday 3-19-19** Discuss the final PMP Program details and potential funding up to \$3,960,000 at a Public Works Committee Meeting and discuss entering into an official agreement for Robinson Engineering to provide engineering services related to the Resurfacing Program.
- **Tuesday 3-19-19** Approve \$1,507,000 in spending for the FY2020 PMP Resurfacing Program from MFT funds at Village Board Meeting. Pass MFT Resolution.
- **Tuesday 3-19-19** Approve entering into an Agreement for Robinson Engineering to provide engineering services related to the FY2020 Resurfacing Program
- **Wednesday 3-20-19** Send signed resolution, agreements and engineering documents to IDOT for approval
- **On or before Thursday 4-11-19** Pending IDOT's approval, accept bids for the FY2020 PMP Resurfacing Program. Bid date will be dependent upon IDOT's review turnaround and could be earlier. Village Board should direct staff to set the actual bid date per IDOT's recommendation.
- **Tuesday 4-16-19** Approve award of PMP Contract to lowest responsive, responsible bidder.

Attachments-Street Location Map and List

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-022

**A RESOLUTION (IDOT RESOLUTION 19-00000-00-GM) AUTHORIZING AN
APPROPRIATION OF UP TO \$1,507,000 IN MFT FUNDS FOR THE
FY2020 PAVEMENT MANAGEMENT PROGRAM**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

**A RESOLUTION (IDOT RESOLUTION 19-00000-00-GM) AUTHORIZING AN
APPROPRIATION OF UP TO \$1,507,000 IN MFT FUNDS FOR THE
FY2020 PAVEMENT MANAGEMENT PROGRAM**

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered authorizing an (IDOT Resolution 19-00000-00-GM) appropriation of up to \$1,506,000 in MFT Funds for the FY2020 Pavement Management Program, a true and correct copy of such Resolution being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "appropriation" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid appropriation.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
 COUNTY OF COOK) SS
 COUNTY OF WILL)

CERTIFICATE

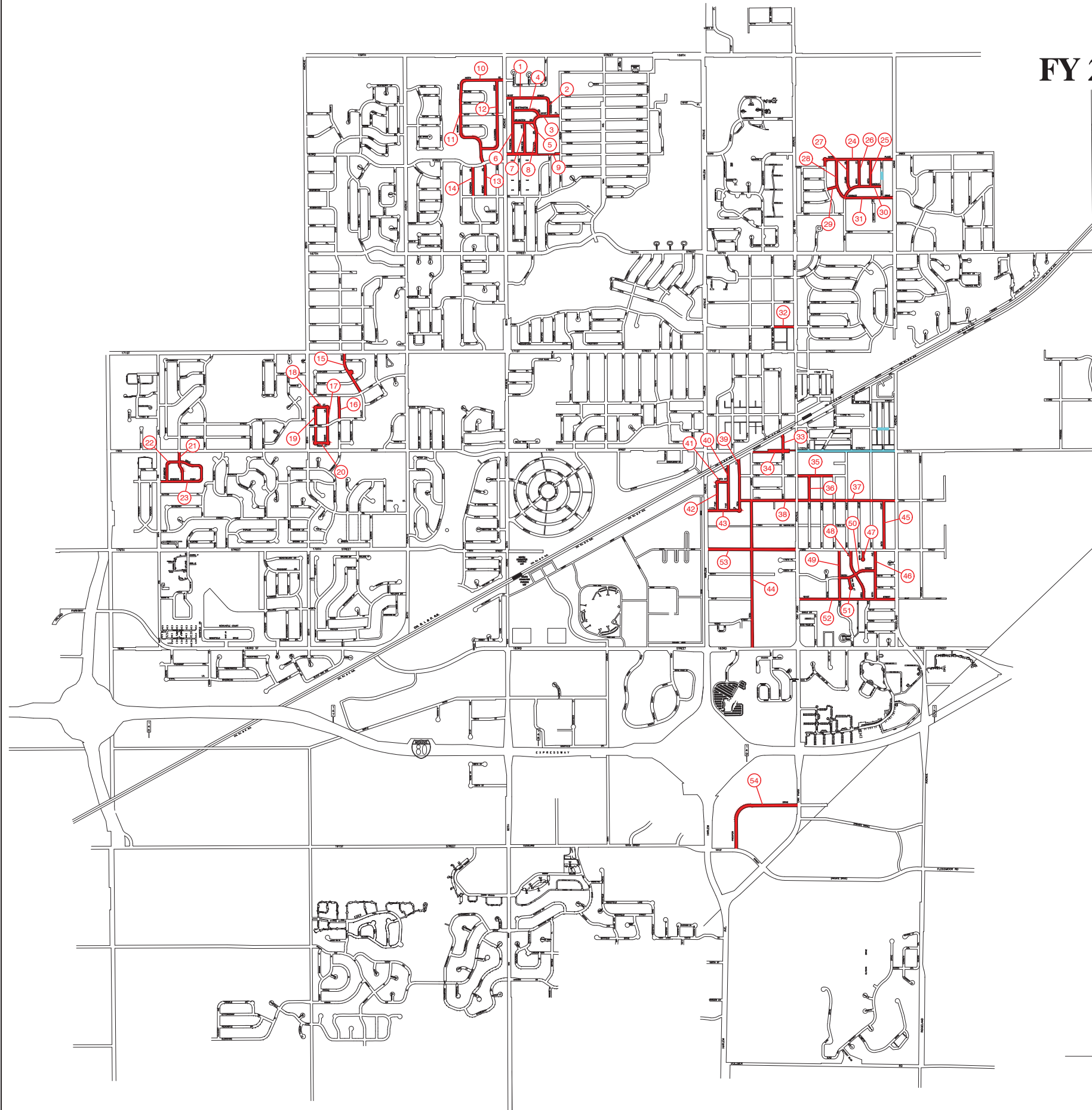
I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-022, **“A RESOLUTION (IDOT RESOLUTION 19-00000-00-GM) AUTHORIZING AN APPROPRIATION OF UP TO \$1,507,000 IN MFT FUNDS FOR THE FY2020 PAVEMENT MANAGEMENT PROGRAM,”** which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

 KRISTIN A. THIRION, VILLAGE CLERK

VILLAGE of TINLEY PARK

M.F.T. 19-00000-00-GM FY 2020 PAVEMENT MANAGEMENT PROGRAM PROPOSED RESURFACING



VILLAGE PRESIDENT
JACOB C. VANDENBERG

VILLAGE CLERK
KRISTIN A. THIRION

VILLAGE TRUSTEES
BRIAN H. YOUNKER
MICHAEL J. PANNITTO
CYNTHIA A. BERG

WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN P. CURRAN

Tinley Park FY2020 PMP Proposed Street Resurfacing (19-R0005.01)

Location No.	Location Name	From	To	Length
1	161st Street	80th Avenue	Kensington Avenue	1086
2	Kensington Avenue	161st Street	161st Place	432
3	161st Place	Ozark Avenue	Whittington Drive	736
4	Whittington Drive	Princeton Avenue	161st Place	716
5	Arlington Drive	Princeton Avenue	Everdon Drive	503
6	Princeton Avenue	161st Street	163rd Street	1424
7	Hamilton Avenue	Arlington Drive	163rd Street	763
8	Everdon Drive	Arlington Drive	163rd Street	841
* 9	163rd Street	Ozark Avenue	80th Avenue	1394
10	160th Street	80th Avenue	Bornet Drive	1078
11	Bornet Drive	160th Street	163rd Street	2575
12	Alexandria Drive	160th Street	Bornet Drive	2086
13	Bornet Drive	163rd Street	Nottingham Drive	820
14	Evergreen Drive	163rd Street	Nottingham Drive	747
15	✓ Valley Drive	171st Street	Carriage Lane	1106
16	Humber Lane	Carriage Lane	Raintree Road	563
17	Tamar Lane	Dee Court	Trent Court	762
18	Dee Court	Tamar Lane	Avon Lane	206
19	Avon Lane	Dee Court	Trent Court	754
20	Trent Court	Tamar Lane	Avon Lane	215
21	Cambridge Place	175th Street	Windsor Parkway	648
22	Drummond Drive	Windsor Parkway	Windsor Parkway	1412
23	Windsor Parkway	Drummond Drive	94th Avenue	1467
* 24	✓ 163rd Place	Ridgeland Avenue	66th Court	1897
25	✓ 65th Avenue	163rd Place	164th Place	650
* 26	✓ 65th Court	163rd Place	164th Place	655
* 27	✓ Clark Lane	163rd Place	164th Place	751
* 28	✓ 66th Avenue	163rd Place	Terrace Drive	1034
29	✓ 164th Place	66th Avenue	66th Court	244
* 30	✓ 164th Place	64th Court	Terrace Drive	1061
* 31	✓ Terrace Drive	66th Avenue	Ridgeland Avenue	1302
32	170th Street	Oak Park Avenue	New England Avenue	535
33	68th Court	Hickory Street	175th Street	405
34	175th Street	East Dead End	70th Avenue	966
35	176th Street	66th Court	Oak Park Avenue	941
36	✓ 67th Court	176th Street	177th Street	570
37	177th Street	Ridgeland Avenue	Oak Park Avenue	2583
* 38	✓ 177th Street	Oak Park Avenue	70th Court	1473
39	70th Court	Hickory Street	177th Place	1300
* 40	71st Avenue	Hickory Street	177th Place	1189
41	176th Street	71st Avenue	71st Court	207
42	71st Court	176th Street	177th Place	771
43	177th Place	70th Court	Harlem Avenue	885
** 44	✓ Sayre Avenue	177th Street	183rd Street	3882
* 45	64th Court	177th Street	179th Street	1268
46	65th Avenue	179th Street	181st Street	1251
47	65th Court	177th Street	End Cul De Sac	182
48	66th Avenue	179th Street	181st Street	1336
49	66th Court	179th Street	181st Street	1244
* 50	180th Street	65th Avenue	66th Court	876
51	Pin Oak Court	180th Street	End Cul De Sac	226
* 52	181st Street	Ridgeland Avenue	Oak Park Avenue	2549
53	179th Street	Oak Park Avenue	Harlem Avenue	2324
54	Prosperi Drive	Oak Park Avenue	191st Street	2460

MAP LEGEND

STREET TO BE RESURFACED

STREET TO BE PATCHED ONLY

TABLE LEGEND

✓ CURB REPLACEMENT ON ONE SIDE OF THE STREET AT A TIME

* INDICATES STREET TO BE FULL SURFACE REMOVAL, HOT IN PLACE RECYCLING AND RESURFACING

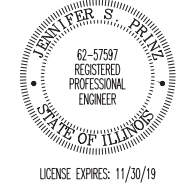
(XX) INDICATES MIX N70 TO BE USED

** INDICATES STREET WILL HAVE COMBINATION OF SURFACE REMOVAL, HOT IN PLACE RECYCLING, EDGE GRIND AND RESURFACING

59,351 FT=11.2 MILES

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

Janice P. King



ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128
PROJECT NO. 19-R0005.01

SHEET NO. 1 OF 5

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-023

**A RESOLUTION APPROVING A PROFESSIONAL SERVICES AGREEMENT BETWEEN THE
VILLAGE OF TINLEY PARK AND ROBINSON ENGINEERING FOR ENGINEERING
SERVICES RELATED TO THE FY2020 PAVEMENT MANAGEMENT PROGRAM**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

A RESOLUTION APPROVING A PROFESSIONAL SERVICES AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND ROBINSON ENGINEERING FOR ENGINEERING SERVICES RELATED TO THE FY2020 PAVEMENT MANAGEMENT PROGRAM

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered authorizing an Professional Services Agreement, a true and correct copy of such agreement being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "agreement" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid agreement.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-023, **“A RESOLUTION APPROVING A PROFESSIONAL SERVICES AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND ROBINSON ENGINEERING FOR ENGINEERING SERVICES RELATED TO THE FY2020 PAVEMENT MANAGEMENT PROGRAM,”** which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK



Illinois Department of Transportation

Maintenance Engineering to be Performed by a Consulting Engineer
(to be attached to BLR 14231 or BLR 14221)

Local Agency Village of Tinley Park
Section Number 19-00000-00-GM

The services to be performed by the consulting engineer, pertaining to the various items of work included in the estimated cost of maintenance operations (BLR 14231 or BLR 14221), shall consist of the following:

PRELIMINARY ENGINEERING shall include:

Investigation of the condition of the streets or highways for determination (in consultation with the local highway authority) of the maintenance operations to be included in the maintenance program: preparation of the maintenance resolution, maintenance estimate of cost and, if applicable, proposal; attendance at meetings of the governing body as may reasonably be required; attendance at public letting; preparation of the contract and/or acceptance of BLR 12330 form. The maintenance expenditure statement must be submitted to IDOT within 3 months of the end of the maintenance period.

ENGINEERING INSPECTION shall include:

Furnishing the engineering field inspection, including preparation of payment estimate for contract, material proposal and/or deliver and install proposal and/or checking material invoices of those maintenance operations requiring engineering field inspection, as opposed to those routine maintenance operations as described in Chapter 14-2.04 of BLRS Manual, which may or may not require engineering inspection.

For furnishing preliminary engineering, the engineer will be paid a base fee PLUS a negotiated fee percentage. For furnishing engineering inspection the engineer will be paid a negotiated fee percentage. The negotiated preliminary engineering fee percentage for each group shown in the "Schedule of Fees" shall be applied to the total estimated costs of that group. The negotiated fee for engineering inspection for each group shall be applied to the total final cost of that group for the items which required engineering inspection. In no case shall this be construed to include supervision of contractor operations.

SCHEDULE OF FEES

Total of the Maintenance Operation	Base Fee
<input checked="" type="checkbox"/> > \$20,000	\$1,250.00
<input type="checkbox"/> ≤ \$20,000 (Negotiated: \$1,250 Max.)	

PLUS

Group	Preliminary Engineering		Engineering Inspection		Operation to be Inspected
	Acceptable Fee %	Negotiated Fee %	Acceptable Fee %	Negotiated Fee %	
I	NA	NA	NA	NA	NA
IIA	2%	NA	1%	NA	NA
IIB	3%	NA	3%	NA	NA
III	4%	NA	4%	NA	NA
IV	5%	3.5%	6%	6%	YES

By: _____
Local Agency Official Signature

Title

Date

By: *Gregory S. Prinz*
Consulting Engineer Signature

Director of Engineering

Title

Date

P.E. Seal

P.E. License Expiration Date

3.5.19

11.30.19

STANDARD TERMS AND CONDITIONS

CONTRACT – These Standard Terms and Conditions supplement the Agreement between the Local Agency ("LA") and the Consulting Engineer ("ENGINEER") [herein REL]:

STANDARD OF CARE - The standard of care for all professional engineering, survey or related professional services performed or furnished by REL under this Agreement will be the care and skill ordinarily used by members of the same profession practicing under similar circumstances at the same time and in the same locality. REL makes no warranties, express or implied, under this Agreement or otherwise, in connection with REL's services on this Project.

RELIANCE – REL may, without liability, rely on the accuracy and completeness of information provided by LA, LA's consultants and any contractors, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards without the need for verification.

CHANGES IN SCOPE –The proposed fees constitute REL's estimate to perform the services required to complete the Project. However, all required services are not always definable in the initial planning. Accordingly, circumstances may dictate a change in the scope of services to be performed. Where this occurs, changes in the Agreement shall be negotiated, an equitable adjustment made to REL's compensation and agreed to in writing by REL and LA.

DELAYS – REL shall complete its obligations within a reasonable time. If, through no fault of REL, such periods of time or dates are changed, or the orderly and continuous progress of REL's services is impaired, or REL's services are delayed or suspended, then the time for completion of REL's services, and the rates and amounts of REL's compensation, shall be adjusted equitably.

SUSPENSION & TERMINATION – LA may suspend the Project upon seven (7) days written notice to REL. If REL's services are substantially delayed through no fault of REL, REL may suspend services after giving seven (7) days written notice to LA. Either party may terminate this agreement upon thirty (30) days written notice to the other party in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.

LA shall remain liable for, and shall promptly pay REL for all services rendered to the date of such suspension/termination of services plus suspension/termination charges incurred by REL. Suspension/ termination charges include the cost of assembling documents, personnel and equipment rescheduling or reassignment, and commitments made to others on LA's behalf.

OPINION OF PROBABLE COSTS - REL's opinions of probable Construction Cost are to be made on the basis of REL's experience and qualifications and represent REL's best judgment as an experienced and qualified professional generally familiar with the construction industry. However, since REL has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, REL cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by REL.

REUSE OF PROJECT DELIVERABLES - All design documents prepared or furnished by REL are instruments of service, and REL retains all ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed. LA shall not rely in any way on any Document unless it is in printed form, signed and sealed by REL or one of its Consultants.

RIGHT OF ENTRY – LA agrees to obtain legal right-of-entry on the property when entry to property is required by the work.

ENVIRONMENTAL CONDITIONS OF SITE - REL's scope of services does not include any services related to any environmental issues related to the site including petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, or regulated by any Federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning any hazardous, toxic, or dangerous waste, substance, or material.

RELATIONSHIP WITH CONTRACTORS – REL shall not at any time supervise, direct, or have control over any contractor's work, nor shall REL have authority over or responsibility for the means, methods, techniques, sequences, or procedures of

construction selected or used by any contractor, nor for safety precautions and programs in connection with the contractors' work, nor for any failure of any contractor to comply with laws and regulations applicable to contractor's work. REL neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work. REL shall have no authority to stop the work of any contractor on the Project.

LIMITATION OF LIABILITY – REL's total liability to LA for any and all claims for damages whatsoever, arising out of or in any way related to the Project or this Agreement, from any cause or causes, including but not limited to REL's negligence, errors, omissions, strict liability, or breach of contract, shall be limited as follows: REL's total liability shall not exceed the lesser of (1) \$1,000,000 (one million dollars) or (2) the remaining limits of any policy of insurance which provides coverage for LA's cause or causes of action, such remaining limits to be measured as of the date judgment is entered against REL or the date when LA and REL otherwise settle/resolve the cause or causes of action.

INSURANCE – REL shall maintain insurance coverage for Professional, Commercial General, Automobile, Worker's Compensation and Employer's Liability in amounts in accordance with any legal requirements and REL's business requirements. Certificates of Insurance shall be provided by REL upon written request.

MUTUAL WAIVER – To the fullest extent permitted by law, LA and REL waive against each other, and the other's employees, officers, directors, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project.

GOVERNING LAW, JURISDICTION & VENUE – This Agreement shall be governed by, and construed in accordance with, the laws of the State of Illinois. Further, the parties agree and consent to the exclusive jurisdiction of the courts of the State of Illinois for all purposes regarding this Agreement and that venue of any action brought hereunder shall be exclusively in Cook County, IL.

NON-ENFORCEMENT – A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

ASSIGNMENT – A party shall not assign its rights or obligations pursuant to this Agreement without the express written permission and consent of the other party. This Agreement shall be binding upon and inure to the benefit of any permitted assigns.

SURVIVAL – All express representations, waivers, indemnifications, and limitations of liability included in this Agreement shall survive its completion or termination for any reason.

THIRD PARTIES - Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by LA or REL to any Contractor, Contractor's subcontractor, supplier, other individual or entity, or to any surety for or employee of any of them. All duties and responsibilities undertaken pursuant to this Agreement shall be for the sole and exclusive benefit of LA and REL and not for the benefit of any other party.

SEVERABILITY - Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon LA and REL, who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that expresses the intention of the stricken provision.

STATUTE OF LIMITATIONS – to the fullest extent permitted by law, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence to run, no later than the date of Substantial Completion of this Agreement.

CONFLICTS - If a conflict exists between the Agreement provisions and these Standard Terms and Conditions then these Standard Terms and Conditions shall prevail and control.

LA's Initial: _____ Date: _____
Supplements BLR 5510, 5511, 5512, 5520, 5530, 5610 & 5611



Interoffice Memo

Date: March 4, 2019

To: Kevin Workowski, Public Works Director

From: Kelly Mulqueeney, Street Superintendent

Subject: Contract Award for Apple Lane Pond Sediment Removal

Presented for March 19th 2019 Village Board Meeting Agenda for consideration and possible action:

Description/Scope of Work:

The Village of Tinley Park (The Village) in its role of maintaining certain stormwater management properties in the public realm, seeks a proposal from a capable contractor to coordinate and provide aquatic sediment removal services at Apple Lane Pond.

Background:

This RFP was advertised on February 8th, 2019, two (2) sealed proposals were received by the deadline on Tuesday February 26, 2019, at 12:00 PM, and recorded by the Village Clerk's office.

Recommendation:

Proposals were submitted by U.S. Aqua Vac, Inc. (Aqua Vac) and V3 Companies, Ltd. (V3) Both of the sealed proposals were reviewed and rated by the scoring panel consisting of Kelly Mulqueeney, Colby Zemaitis (Village Engineer) and Mitch Murdock (Landscape Architect Consultant). The panel identified U.S. Aqua Vac, Inc. as the highest rated option.

The proposal submitted by Aqua Vac was minimal, but met all of the basic requirements laid out in the RFP. The proposal submitted by V3 had much more information in terms of project experience, photographs, and company profile. However, their cost proposal was many times higher.

<u>Contractor</u>	<u>Location</u>	<u>Average Score</u>	<u>Amount</u>
U.S. Aqua Vac, Inc.	Crete, IL	77.3	\$129,999
V3 Companies, Ltd.	Woodridge, IL	73.0	\$439,700

Budget / Finance: Funding is budgeted in the FY19 Budget.

Budget Available (Apple Pond Sediment Removal and Restoration)	<u>\$361,000.00</u>
Anticipated Costs Sediment Removal	\$129,999.00
Anticipated Costs Apple Pond Restoration (Separate Contract)	<u>\$143,686.77</u>
Difference (Under Budget)	\$87,314.23

Staff Direction Request:



1. Approve the service contract for the Apple Pond Sediment Removal Contract to U.S. Aqua Vac, Inc. in the amount of \$129,999.00
2. Direct Staff as necessary.

Apple Pond Sediment Removal- Bid Comparisons

Village of Tinley Park, IL
Proposals Due: 2/26/2019

Lowest Cost Option

A: SEDIMENT REMOVAL				US AQUA VAC		V3	
Description	Days of Work	Daily Rate	SEDIMENT REMOVAL COST	Days of Work	Daily Rate	SEDIMENT REMOVAL COST	
Pond Cleaning:							
Remove sediment, sludge, silt and muck from waterway	50	\$ 1,700.00	\$ 85,000.00	40	\$495/HR	\$ 235,000.00	
		TOTAL COST: SEDIMENT REMOVAL	\$ 85,000.00		TOTAL COST: SEDIMENT REMOVAL	\$ 235,000.00	
B: SEDIMENT AND BAGS LEFT ON-SITE							
Description	Qty. of Bags	Unit Cost	BAGS AND SEDIMENT COST: LEFT ON-SITE	Qty. of Bags	Unit Cost	BAGS AND SEDIMENT COST: LEFT ON-SITE	
Furnish Bags:							
Provide bags in an amount to result in approximately 150 CY of dried material Bag description:	1	\$ 4,500.00	\$ 4,500.00	1	\$ 2,250.00	\$ 2,250.00	
Locate Bags:							
Locate filled bags to designated dewatering area.		\$	\$	1	\$ 1,000.00	\$ 1,000.00	
		TOTAL COST: BAGS AND SEDIMENT LEFT ON-SITE	\$ 4,500.00		TOTAL COST: BAGS AND SEDIMENT LEFT ON-SITE	\$ 3,250.00	
C: SEDIMENT AND BAGS REMOVED FROM SITE							
Description	Qty. of Bags	Unit Cost	BAGS AND SEDIMENT COST: REMOVED FROM SITE	Qty. of Bags	Unit Cost	BAGS AND SEDIMENT COST: REMOVED FROM SITE	
Furnish Bags:							
Provide bags in an amount sufficient to remove all material from the site other than the on-site bags Bag description:	3	\$ 4,500.00	\$ 13,500.00	7	\$ 4,850.00	\$ 33,950.00	
Remove and Dispose Bags:							
Remove filled bags from site and dispose per specifications	3	FLAT RATE	\$ 26,999.00	7	\$ 22,500.00	\$ 157,500.00	
		TOTAL COST: BAGS AND SEDIMENT REMOVED FROM SITE	\$ 40,499.00		TOTAL COST: BAGS AND SEDIMENT REMOVED FROM SITE	\$ 191,450.00	
		BASE BID TOTAL PROJECT COST: A + B + C	\$ 129,999.00		BASE BID TOTAL PROJECT COST: A + B + C	\$ 429,700.00	
D: UNDERWATER SURVEY							
Description	Qty.	Unit Cost	UNDERWATER SURVEY COST	Qty.	Unit Cost	UNDERWATER SURVEY COST	
Provide Survey:							
Measure depths of water and silt throughout Apple Pond, and provide a written document and map of findings	1	\$	NO CHARGE	1	\$ 475.00	\$ 475.00	
		ADD ALTERNATE TOTAL COST: D	NO CHARGE		ADD ALTERNATE TOTAL COST: D	\$ 475.00	
E: RIP RAP REMOVAL							
Description	Linear Feet	Unit Cost	RIPRAP REMOVAL COST	Linear Feet	Unit Cost	RIPRAP REMOVAL COST	
Remove Concreted Rip Rap Edge:							
Includes removal/disposal of all existing concrete/riprap edge treatment around the perimeter of the pond.	1,705	\$	\$	1,705	\$ 65.00	\$ 110,825.00	
		ADD ALTERNATE TOTAL COST: E	COST NOT PROVIDED		ADD ALTERNATE TOTAL COST: E	\$ 110,825.00	

*All proposed costs include work done according to all of the details, requirements and specifications per the RFP documents.

Apple Pond Sediment Removal
 RFP Scoring Sheet
 2/26/2019

Category	Scoring	Mitch	Kelly	Colby	Mitch	Kelly	Colby
		V3			US AquaVac		
Experience and Qualifications	40 points	38	35	35	36	30	30
Ability to Complete Work in a Timely Manner	20 points	18	20	10	18	20	10
Fee Amount and Terms	20 points	0	0	5	15	18	20
References and Projects with other Municipalities and/or projects of comparable scale	20 points	18	20	20	8	12	15
	TOTAL= 100	74	75	70	77	80	75
		Average Score:		73.0	Average Score:		77.3

March 1, 2019

Ms. Kelly Mulqueeny

Street Superintendent

Village of Tinley Park

16250 S. Oak Park Ave.

Tinley Park, Illinois 60477



re: **Apple Pond Sediment Removal RFP - Contractor Recommendation**

Dear Kelly:

Upon thorough review of the two (2) proposals opened on February 26, 2019 for the Apple Pond Sediment Removal project, we would like to recommend beginning contract negotiations with the highest rated responder, U.S. Aqua Vac, Inc. (Aqua Vac) of Crete, IL.

The Apple Pond Sediment Removal RFP was scored on categories that considered the qualifications, capabilities and professional experience of each company as well as their cost proposal.

Aqua Vac has completed all of the required bidding forms, submitted the appropriate bid security, and they have met all of the requirements outlined within the project manual.

Please let us know if you have any questions or concerns.

Sincerely,

A handwritten signature in blue ink, appearing to read 'M. J. Murdock', written in a cursive style.

Mitch Murdock

Project Manager – site design group, ltd.

CC: RKS / BM/ KM

site design group, ltd.
888 south michigan avenue #1000
chicago, illinois 60605
tel 312.427.7240 fax 312.427.7241
www.site-design.com

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-019

**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK
AND U.S. AQUA VAC., INC., OF CRETE, ILLINOIS FOR THE APPLE POND SEDIMENT
REMOVAL.**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

RESOLUTION NO. 2019-R-019

A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND U.S. AQUA VAC., INC., OF CRETE, ILLINOIS FOR THE APPLE POND SEDIMENT REMOVAL.

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered authorizing an Contract, a true and correct copy of such agreement being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "agreement" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Contract.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-019, “**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND U.S. AQUA VAC., INC., OF CRETE, ILLINOIS FOR THE APPLE POND SEDIMENT REMOVAL.**,” which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK

VILLAGE OF TINLEY PARK**SERVICE CONTRACT**

This contract is by and between the **Village of Tinley Park**, a Illinois home-rule municipal corporation (the "Village"), and **U.S. Aqua Vac** (the "Contractor"), for the project or work described in Exhibit A, attached hereto and made a part hereof.

1. In consideration of the compensation stated in paragraph 2, the Contractor shall provide all the services described in the Scope of Services attached hereto as Exhibit "A" and incorporated herein by reference. The express terms of this Contract shall take precedence and control over any term or provision of the Scope of Services (Exhibit A) that in any way conflicts with, differs from, or attempts to alter the terms of this Contract.
2. Except in the event of a duly authorized change order approved by the Village as provided in this Contract, and in consideration of the Contractor's final completion of all work in conformity with this Contract, the Village shall pay the Contractor an amount not to exceed **one hundred twenty nine thousand nine hundred and ninety nine and 00/100 Dollars (\$129,999.00)**. Within **seven (7)** calendar days of completion of the work, the Contractor shall submit his application for payment to the Village, and the Village shall pay Contractor for the work performed no later than **thirty (30)** calendar days from the date of the Village's receipt and the Village's approval of the work and the application for payment. No payment shall be made by the Village until the Contractor has submitted to the Village (i) a Contractor's Affidavit listing all subcontractors and material suppliers utilized on the project and (ii) final waivers of lien from the Contractor, all subcontractors and all material suppliers.
3. No changes shall be made, nor will invoices for changes, alterations, modifications, deviations, or extra work or services be recognized or paid except upon the prior written order from authorized personnel of the Village. The Contractor shall not execute change orders on behalf of the Village or otherwise alter the financial scope of the Project.
4. Written change orders may be approved by the Village Manager or his designee provided that the change order does not increase the amount set forth in paragraph 2 of this Contract to more than \$10,000.00. Changes in excess of this amount must be approved by the Village Board prior to commencement of the services or work. **Any request by the Contractor for an increase in the Scope of Services and an increase in the amount listed in paragraph 2 of this Contract shall be made and approved by the Village prior to the Contractor providing such services or the right to payment for such additional services shall be waived.**
5. **Time is of the essence on this Contract.** The Contractor shall complete all work under this Contract by the dates set forth below:
6. No "Notice to Proceed" may be given nor any work commenced until this Contract is fully executed and all exhibits and other attachments are completely filled out and attached hereto.

7. It is understood and agreed by the parties that the Contractor is an independent contractor retained for the above-mentioned purpose. The Village shall not control the manner nor the means of the Contractor's performance, but shall be entitled to a work product as described herein. The term "subcontractor" shall mean and include only those hired by and having a direct contract with Contractor for performance of work on the Project. The Village shall have no responsibility to any subcontractor employed by a Contractor for performance of work on the Project, and all subcontractors and material suppliers shall look exclusively to the Contractor for any payments due. The Village will **not** be responsible for reporting or paying employment taxes or other similar levies that may be required by the United States Internal Revenue Service or other State or Federal agencies. Every subcontractor shall be bound by the terms and provisions of this Contract as far as applicable to their work. The Contractor shall be fully responsible to the Village for the acts and omissions of its subcontractors, and shall ensure that any subcontractors perform in accordance with the requirements of this Contract. Nothing contained herein shall create any contractual or employment relations between any subcontractor and the Village. The Contractor is solely responsible for the safety procedures, programs and methods of its employees and agents and shall hold the Village harmless for any and all damages resulting from violations thereof. The Contractor shall comply with all applicable federal, State and local safety laws and regulations.
8. **It is further agreed that the Contractor shall indemnify, hold harmless, and defend the Village, its officers, agents, and employees from and against any and all claims, losses, damages, causes of action, suits, and liability of every kind, including all expenses of litigation, court costs, and attorneys' fees, for injury to or death of any person or for damage to any property arising out of or in connection with the work done by the Contractor under this Contract. Such indemnity shall apply regardless of whether the claims, losses, damages, causes of action, suits, or liability arise in whole or in part from the negligence of the Village, any other party indemnified hereunder, the Contractor, or any third party.**
9. **The Contractor assumes full responsibility for the work to be performed hereunder and hereby releases, relinquishes, and discharges the Village, its officers, agents, and employees from all claims, demands, and causes of action of every kind and character, including the cost of defense thereof, for any injury to or death of any person and any loss of or damage to any property that is caused by, alleged to be caused by, arising out of, or in connection with the Contractor's work to be performed hereunder. This release shall apply regardless of whether said claims, demands, and causes of action are covered in whole or in part by insurance and regardless of whether such injury, death, loss, or damage was caused in whole or in part by the negligence of the Village, any other party released hereunder, the Contractor, or any third party. The Contractor shall maintain insurance coverage in an amount and from a carrier suitable to the Village, and the Village shall be named as an additional insured where required. Certificates of Insurance are attached hereto as Exhibit B.**
10. The Village is exempt from payment of state and local sales and use of taxes on labor and materials incorporated into the project. If necessary, it is the Contractor's responsibility to obtain a sales tax permit, resale certificate, and exemption certificate that shall enable the Contractor to buy any materials to be incorporated into the project and then resale the aforementioned materials to the Village without paying the tax on the materials at the time of purchase. In no event will the Village be liable for or pay any sales or use taxes incurred by the Contractor in performing the services under this contract.

11. The Contractor shall comply with all applicable federal, state, and local statutes, regulations, ordinances, and other laws, including but not limited to the Immigration Reform and Control Act (IRCA). The Contractor may not knowingly obtain the labor or services of an unauthorized alien. The Contractor, not the Village, must verify eligibility for employment as required by IRCA.
12. At any time, the Village may terminate this Contract for convenience, upon written notice to the Contractor. The Contractor shall cease work immediately upon receipt of such notice. The Contractor shall be compensated for services performed and accepted by the Village up to the date of termination.
13. No waiver or deferral by either party of any term or condition of this Contract shall be deemed or construed to be a waiver or deferral of any other term or condition or subsequent waiver or deferral of the same term or condition.
14. This Contract may only be amended by written instrument approved and executed by the parties.
15. This Contract and the rights and obligations contained herein may not be assigned by the Contractor without the prior written approval of Village.
16. The parties hereby state that they have read and understand the terms of this Contract and hereby agree to the conditions contained herein.
17. This Contract has been made under and shall be governed by the laws of the State of Illinois. The parties agree that performance and all matters related thereto shall be in Cook County, Illinois.
18. Contractor, its employees, associates or subcontractors shall perform all the work hereunder. Contractor agrees that all of its associates, employees, or subcontractors who work on this Project shall be fully qualified and competent to do the work described hereunder. Contractor shall undertake the work and complete it in a timely manner.
19. If any provision of this Contract shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court of competent jurisdiction finds that any provision of this Contract is invalid or unenforceable, but that by limiting such provision it may become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.
20. This Contract represents the entire and integrated agreement between the Village and Contractor and supersedes all prior negotiations, representations, or agreements, either written or oral.
21. This Contract will be effective when signed by the last party whose signing makes the Contract fully executed.

22. The Contractor agrees to comply with the Illinois Prevailing Wage Act, if the work to be performed under this Contract is covered by said Act.

IF THIS IS PREVAILING WAGE WORK:

This contract calls for the construction of a “public work,” within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 *et seq.* (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department’s web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice and record keeping duties.

23. The Contractor agrees to comply with the Illinois Substance Abuse Prevention on Public Works Projects Act.

CERTIFICATIONS BY CONTRACTOR

Eligibility to Contract

The undersigned hereby certifies that the Contractor is not barred from bidding on or entering into this contractor as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Human Rights Act

The undersigned hereby certifies that the Contractor is in compliance with Title 7 of the 1964 Civil Rights Act as amended and the Illinois Human Rights Act as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Drug-Free Workplace Act

The undersigned, **having 25 or more employees**, does hereby certify pursuant to section 3 of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate Regarding Sexual Harassment Policy

The undersigned does hereby certify pursuant to section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Substance Abuse Prevention on Public Works Projects Act

The undersigned hereby certifies that:

- A. There is in place a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635), and has provided a written copy thereof to the Village of Tinley Park.
- B. There is in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635)

(Cross out either A or B depending upon which certification is correct)

Name of Contractor (please print)

Submitted by (signature)

Title

[NAME OF CONTRACTOR]

BY: _____

_____ Date

Printed Name: _____

Title: _____

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Mayor
(required if Contract is \$10,000 or more)

ATTEST:

Village Clerk
(required if Contract is \$10,000 or more)

_____ Date

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Village Manager

Exhibit A

SCOPE OF SERVICES

Exhibit B

INSURANCE REQUIREMENTS

(See Risk Manager for Insurance Requirements)



Village of Tinley Park, Illinois
REQUEST FOR PROPOSALS
Apple Pond Sediment Removal
2019-RFP-004

The Village of Tinley Park ("the Village"), invites Proposals from a capable Contractor to coordinate and provide pond sediment removal services. The Contractor shall perform the following services beginning in Spring 2019.

- Provide all services and equipment necessary to remove the sediment from Apple Pond via pump/ vacuum system.
- Place sediment bags in the designated drying area.
- Remove and dispose of all other sediment bags.

Firms with demonstrated experience in this area, and with an interest in making their services available to the Village, are invited to respond to this RFP.

GENERAL REQUIREMENTS: Proposers are to submit four (4) packets. Submit **one (1) original plus three (3)** complete copies of the proposals.

SUBMISSION LOCATION: The Village Of Tinley Park- Clerk's Office
 16250 South Oak Park Avenue
 Tinley Park, IL 60477

SUBMISSION DATE: **Tuesday, February 26, 2019 by 12:00 p.m.**
 Responses received after the time specified will not be opened.

PRE-SUBMITTAL MEETING: **Thursday, February 14, 2019 at 10:00 a.m.**
 Recommended meeting at Public Works Facility:
 7980 W. 183rd St
 Tinley Park, IL 60477

CONTACT QUESTIONS: Submit questions via email to: Mitch Murdock at mitchell.murdock@site-design.com . Questions are required no less than one (1) week prior to the RFP opening date. **Absolutely no informal communication shall occur regarding this RFP, including requests for information or speculation between Proposers or any of their individual members and any Village elected official or employee. All questions will be answered with a copy of the question and answer to each proposer that the Village is aware of and may be answered by addendum.**

CONTENTS: The following sections, including this cover sheet, shall be considered integral parts of this solicitation:

- Notice of RFP
- General Terms and Conditions
- Project Overview
- Submission Requirements
- Requirements and Expectations
- Projected Timeline
- Pond Depth Measurements
- Bid Tab
- Site Plan



GENERAL TERMS AND CONDITIONS

1. **Negotiations:**
The Village of Tinley Park reserves the right to negotiate specifications, terms and conditions, which may be necessary or appropriate to the accomplishment of the purpose of this RFP. Nothing in this RFP is intended as a contract or as any kind of promise or commitment to enter into an agreement.
2. **Confidentiality:**
RFPs and responses thereto are subject to the Illinois Freedom of Information Act ("FOIA").
3. **Reserved Rights:**
The Village of Tinley Park reserves the right, at any time and for any reason, to cancel this RFP or any portion thereof, to reject any or all RFPs. The Village reserves the right to waive any immaterial defect in any RFP. The Village may seek clarification from a proposer at any time, after the submission date, and failure to respond promptly is cause for rejection.
4. **Incurred Costs:**
The Village of Tinley Park will not be liable for any costs incurred by respondents in replying to this RFP.
5. **Award:**
Award, if any, will be based on the highest ranked responsive, responsible bidder. Award, if any, will be based on the evaluation criteria set forth herein.
6. **Discussion of RFP:**
The Village of Tinley Park may conduct discussions with any proposer who submits a response to this RFP. During the course of such discussions, the Village shall not disclose any information derived from one proposer to any other proposer.
7. **Time and Effort:**
Time is of the essence. The broker shall be able to devote sufficient resources to the Village of Tinley Park.
8. **Responsibility and Default:**
The proposer shall be required to assume responsibility for all items listed in this RFP. The successful proposer shall be considered the sole point of contact for purposes of any service agreement entered into by the Village.
9. **Interpretations or Correction of Request for Proposals:**
Proposer shall promptly notify the Village of Tinley Park of any ambiguity, inconsistency or error that they may discover upon examination of the RFP. Interpretation, correction and changes to the RFP will be made by written addendum. Interpretation, corrections or changes made in any other manner will not be binding.
10. **Addenda:**
Addenda are written instruments issued by the Village prior to the date of receipt of qualifications, which modify or interpret the RFP by addition, deletions, clarifications, or corrections. Each proposer shall ascertain prior to submitting a qualifications packet that all addenda issued have been received, and by submission of a qualification packet, such act shall be taken to mean that such proposer has received and understands fully the contents of the



addenda.

11. **Taxes:**
The Village of Tinley Park is exempt from paying Federal and Illinois State taxes.
12. **Non-Discrimination:**
Proposer shall comply with the Illinois Human Rights Act, 778ILCS 5/1-101 et seq. as amended and any rules and regulations promulgated in accordance therewith, including, but not limited to, the Equal Employment Opportunity Clause, Illinois Administrative Code, Title 44, Part 780 (Appendix A), which is incorporated herein by reference.
13. **Insurance: *Please submit certificate with your proposal***
The proposer must obtain insurance issued by a company or companies qualified to do business in the State of Illinois and provide the Village with evidence of credible insurance. Insurance in the following types and amounts is necessary:
 - A. **Worker's Compensation and Employer's Liability** with limits not less than:
 - a. (1) Worker's Compensation: Statutory;
 - b. (2) Employer's Liability;
 - c. \$1,000,000 injury-per occurrence
 - d. Such insurance shall evidence that coverage applies in the State of Illinois.
 - B. **Comprehensive Motor Vehicle Liability** with limits for vehicles owned, non-owned or rented not less than:
 - a. Bodily Injury/Property Damage: Combined Single Limit: \$1,000,000 per accident
 - C. **Comprehensive General Liability** with coverage written on an "occurrence" as is and with limits no less than:
 - a. Each Occurrence: \$ 1,000,000
 - b. General Aggregate: \$2,000,000
 - c. Products and completed operations: General Aggregate: \$2,000,000
 - D. **Coverage's shall include:**
 - a. Premises/Operations
 - b. Independent Vendors
 - c. Personal Injury (with Employment Exclusion deleted)
 - d. Broad Form Property Damage Endorsement
 - e. Blanket Contractual Liability (must expressly cover the indemnity provisions of this Contract)
 - E. **Umbrella Policy.** The required coverage's may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss. This policy should apply to the Commercial General Liability and Motor Vehicle Coverage. Minimum amount \$5,000,000 in combination. An exception for a lower limit may be granted at the discretion of the Village of Tinley Park. Such an exception could be based upon other criteria such as a review of their safety record, information provided by references, and/or any established prior job performance on behalf of the Village.

Village of Tinley Park shall be named as an Additional Insured on the Comprehensive General Liability, Comprehensive Motor Vehicle Liability and Umbrella/Excess Policies. An endorsement



naming the Village an additional insured must be submitted With the Certificate of Insurance. All insurance policies are to be placed with insurers authorized to conduct business in the state with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to the Village.

F. **Other Insurance Provisions -**

The insurance policies are to contain, or be endorsed to contain, the following provisions:

- a. The Entity, its officers, officials, employees, and volunteers are to be covered as additional insureds on the general liability, auto and umbrella/excess policies. An endorsement naming the Village an additional insured must be submitted with the Certificate of Insurance
 - b. For any claims related to this project, the insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the Entity, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the Entity, its officers, officials, employees, or volunteers shall be excess of the Vendor's insurance and shall not contribute with it. Vendor shall procure and maintain for the duration of the contract, and for 2 years thereafter, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Vendor, his agents, representatives, employees.
 - c. Each insurance policy required by this clause shall provide that coverage shall not be canceled, except with notice to the Entity.
 - d. Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to the Entity.
 - e. Waiver of Subrogation: Vendor hereby agrees to waive rights of subrogation which any insurer of Vendor may acquire from Vendor by virtue of the payment of any loss. Vendor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the Entity for all work performed by the Vendor, its employees, agents.
14. **Change in Status:**
The proposer shall notify the Village of Tinley Park immediately of any changes in its status resulting from any of the following: (a) proposer is acquired by another party; (b) proposer becomes insolvent; (c) proposer, voluntarily or by operation of law, becomes subject to the provisions of any chapter of the Bankruptcy Act; (d) vendor ceases to conduct its operations in normal course of business. The Village of Tinley Park shall have the option to terminate any professional working relationship with the vendor immediately on written notice based on any such change in status.
15. **Precedence:**
Where there appears to be variances or conflicts, the following order of precedence shall prevail: The Village of Tinley Park Request for Proposals; and the Proposers Response to RFP.
16. **Submittal and Evaluation Factors:**
The contract will be awarded to the Contractor determined by the Village of Tinley Park to be in the best interest of the Village, who meets or exceeds the criteria and provisions sought by the



Village. The Village reserves the right to reject any or all responses or to waive any details in the responses received whenever such rejection or waiver is in the best interests of the Village. The Village also reserves the right to reject the RFP of a Contractor who has previously failed to satisfactorily perform a contract. The Village of Tinley Park reserves the right to award the contract to a Contractor who is not the lowest cost; however, cost is an important factor in the selection of a Contractor.

In determining the most qualified responder, the following criteria will be considered by the Village:

- A. Experience and qualifications;
- B. Ability to complete required work in a timely manner;
- C. Fee amount and terms;
- D. Experience with other Municipalities and/or projects of comparable scale

PROJECT OVERVIEW

I. Introduction and Purpose

The Village of Tinley Park (The Village) in its role of maintaining certain stormwater management properties in the public realm, seeks a proposal from a capable Contractor to coordinate and provide aquatic sediment removal services at Apple Pond. The Village has identified an area in the northwest corner of the site where a limited volume of sediment can be placed in dewatering bags to dry out. The Village would like to have approximately 120 cubic yards of dried material left in the bags in that area.

II. SCOPE OF SERVICES AND SPECIFICATIONS

It is the responsibility of the successful Responder to meet the requirements of the following scope of services and specifications:

1. General

- A. Contractor shall be responsible for all mobilization of equipment and materials to and from the site.
- B. Furnish all equipment, including pumps, barges, hoses, filters, generators, and any other necessary tools involved in the removal of sediment from the pond.
- C. Furnish all sediment bags and any other materials necessary for the installation or placement of the sediment bags as noted in the plans.
- D. Furnish all sediment bags and any other materials necessary for the removal and disposal of the bags from the site, as noted in the plans.
- E. Bid will be based on completed project by cleaning waterway of sediment from shoreline to shoreline.

2. Products

- A. Sediment bags shall be of material specific for the use of the product on this project. The contractor shall provide the manufacturer's documentation for the sediment bags regarding approved use for this application, weight capacity, force capacity, environmental deterioration expectations, methods of disposal after use, and any other manufacturer recommendations.
- B. Any additional products used on the project must meet approval of the Village of Tinley Park and are subject to all industry quality standards and the manufacturer's recommended guidelines for use.

3. Execution

- A. Pumping Equipment



1. Sediment shall be removed via a pump / vacuum system with no less than 75 H.P. with no less than a 1800 gpm flow rate allowing heavy solids.
 2. Intake and Discharge hoses shall be no less than 6" in diameter.
 3. Any and all hydraulics and pumps in or around the waterway need to be operated with a food grade hydraulic / vegetable oil that will not pollute the waterways if it was to leak and seep into the water.
 4. All equipment shall be placed such that the Village of Tinley Park/ Apple Pond stormwater management and operations are uninterrupted. Traffic and roadway operations on Apple Ln, 161st St, Crekmont Ct and adjacent streets must remain open and uninterrupted.
 5. All personnel onsite operating equipment in or out of the water needs to have proof of being properly trained at an accredited academy and have the proper certificates.
 6. All personal onsite operating equipment in or out of the water needs to have proof of being properly trained and licensed for sediment removal operation.
- B. Sediment Bag Placement
1. The containment bags shall be placed within the limits of the sediment removal pump capacity.
 2. The on-site bag placement location has been determined by the Village of Tinley Park, as indicated on the plans. Containment bags left on-site shall be placed within the identified areas in a manner in which they receive optimum drainage but not interfere with the routine maintenance of the area. Bags must be placed outside of a Flood Plain.
 3. As the Village of Tinley Park has provided a flat drying area, the contractor shall be responsible for any bracing and securing of containment bags so as to make safe their placement and not pose any threat of danger or hazard to local personnel or wildlife.
 4. The quantity of bags placed in the drying area will not exceed an amount estimated to provide 120 cubic yards of dried material, but could be as low as zero. The material may be reused on site as part of a separate contract. The exact amount of bags and material to be left on-site will be determined by the Village.
- C. Sediment Bag Removal
1. All sediment bags beyond those left in the drying area shall be removed from the site and disposed of properly in adherence to all applicable laws and regulations.
 2. Proper documentation from the facility accepting the material in the removed sediment bags shall be provided to the Village of Tinley Park.

SUBMISSION REQUIREMENTS

1. Company Profile- Responder shall include a short written description with background information about the company.
2. Pricing- Must be included in the cost proposal, as listed on the detailed bid tab.
3. Sediment Bag Plan and Documentation- Responder shall provide a written description of the plan for the sediment bags proposed for the dry out area, including the sizes and quantities of bags proposed. Manufacturer's documentation shall be provided for all types of sediment bags proposed for use on the project.
4. References - Responder shall include three (3) references from past projects with a similar scope of work.



5. Qualifications- Responder shall provide evidence that the personnel who will be onsite operating equipment in or out of the water have been properly trained at an accredited academy and have the proper certificates.
6. Insurance Certificate- Must be included per the insurance requirements noted in Section 13 of the General Terms and Conditions above.

REQUIREMENTS AND EXPECTATIONS

The following are general requirements and expectations of the selected Contractor:

1. The Contractor shall perform all work in accordance with Federal, State, and Local laws, regulations, codes and ordinances;
2. The Contractor must be able to receive requests via e-mail.
3. The Contractor is expected to have all necessary supplies, equipment, personnel, and skills to complete the project in a timely manner;
4. Hours of work are 7:00 AM through 7:00 PM, Monday through Friday, and between 9:00 AM and 5:00 PM on Saturday, unless authorized at the sole discretion of The Village.
5. The surrounding area shall have a neat, professional looking appearance upon completion of the job, and
6. All contractor employees shall wear suitable uniforms during the time they are on Village property or public ROW areas.

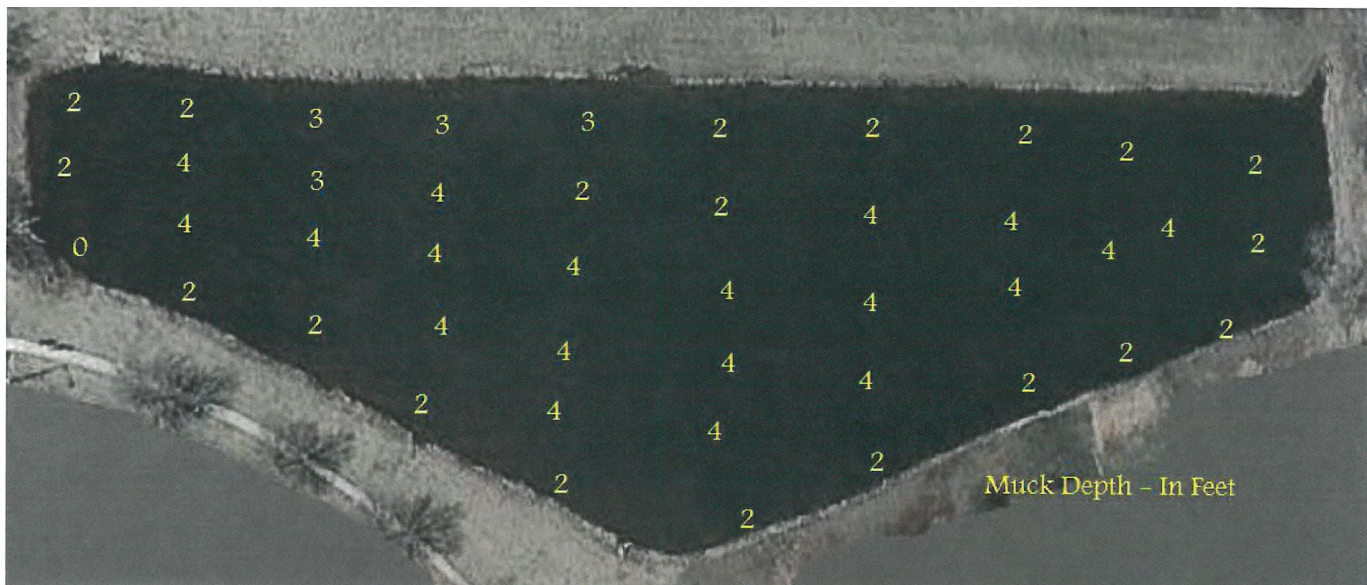
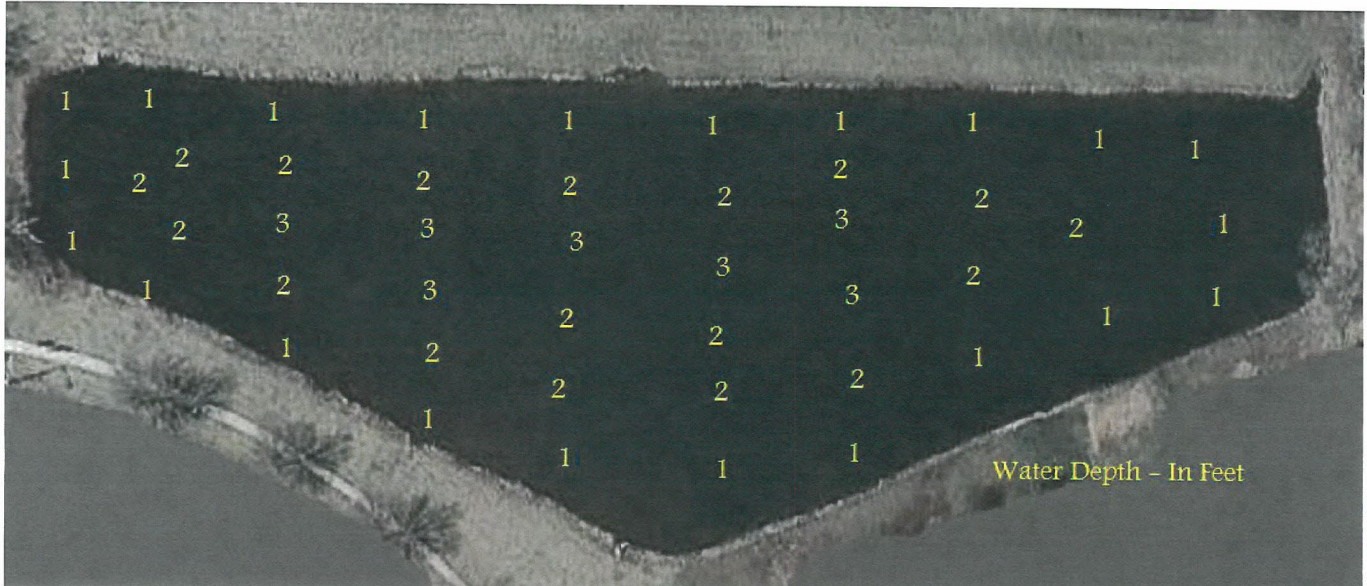
PROJECTED TIMELINE

Every effort will be made to adhere to the following schedule:

RFP Released:	February 5, 2019
Proposals Due	February 26, 2019 at 12:00 PM
RFP Review	February/March 2019
Committee Review	March 2019
Board Approval	March 2019



Pond Depth Measurements- Taken 2012



Apple Pond Sediment Removal
Village of Tinley Park, IL
Proposals Due: 2/26/2019
Project #: 8323

A: SEDIMENT REMOVAL

Description	Days of Work	Daily Rate	SEDIMENT REMOVAL COST
Pond Cleaning:			
Remove sediment, sludge, silt and muck from waterway		\$	\$
TOTAL COST: SEDIMENT REMOVAL			\$

B: SEDIMENT AND BAGS LEFT ON-SITE

Description	Qty. of Bags	Unit Cost	BAGS AND SEDIMENT COST: LEFT ON-SITE
Furnish Bags:			
Provide bags in an amount to result in approximately 150 CY of dried material		\$	\$
Bag description:			
Locate Bags:			
Locate filled bags to designated dewatering area.		\$	\$
TOTAL COST: BAGS AND SEDIMENT LEFT ON-SITE			\$

C: SEDIMENT AND BAGS REMOVED FROM SITE

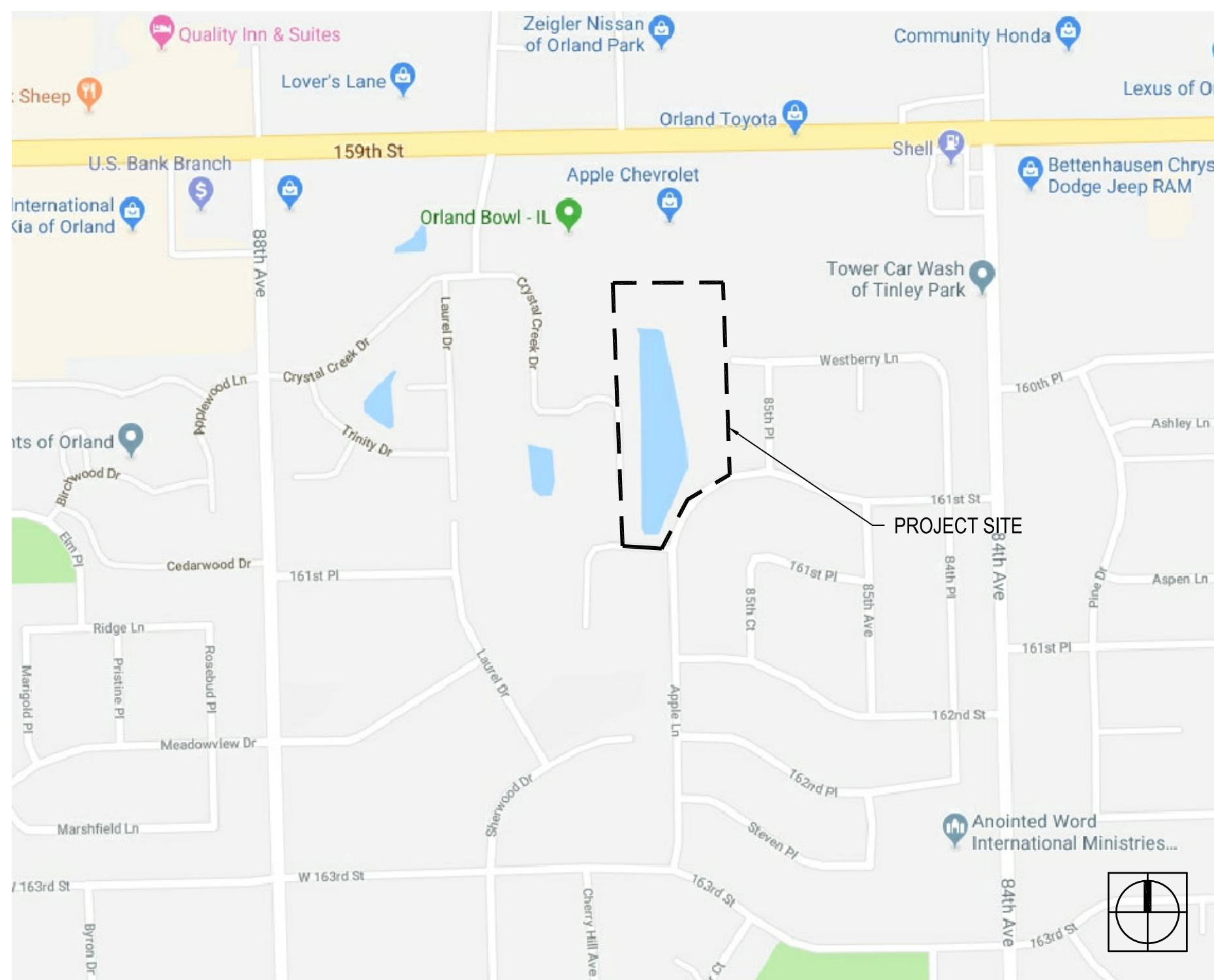
Description	Qty. of Bags	Unit Cost	BAGS AND SEDIMENT COST: REMOVED FROM SITE
Furnish Bags:			
Provide bags in an amount sufficient to remove all material from the site other than the on-site bags		\$	\$
Bag description:			
Remove and Dispose Bags:			
Remove filled bags from site and dispose per specifications		\$	\$
TOTAL COST: BAGS AND SEDIMENT REMOVED FROM SITE			\$

BASE BID TOTAL PROJECT COST: A + B + C	\$
---	----

D: UNDERWATER SURVEY

Description	Qty.	Unit Cost	UNDERWATER SURVEY COST
Provide Survey:			
Measure depths of water and silt throughout Apple Pond, and provide a written document and map of findings	1	\$	\$
ADD ALTERNATE TOTAL COST: D			\$

*All proposed costs include work done according to all of the details, requirements and specifications per the RFP documents.



PROJECT LOCATION MAP

TINLEY PARK APPLE POND SEDIMENT REMOVAL

161ST ST & CREEKMONT DR.
TINLEY PARK, ILLINOIS 60487



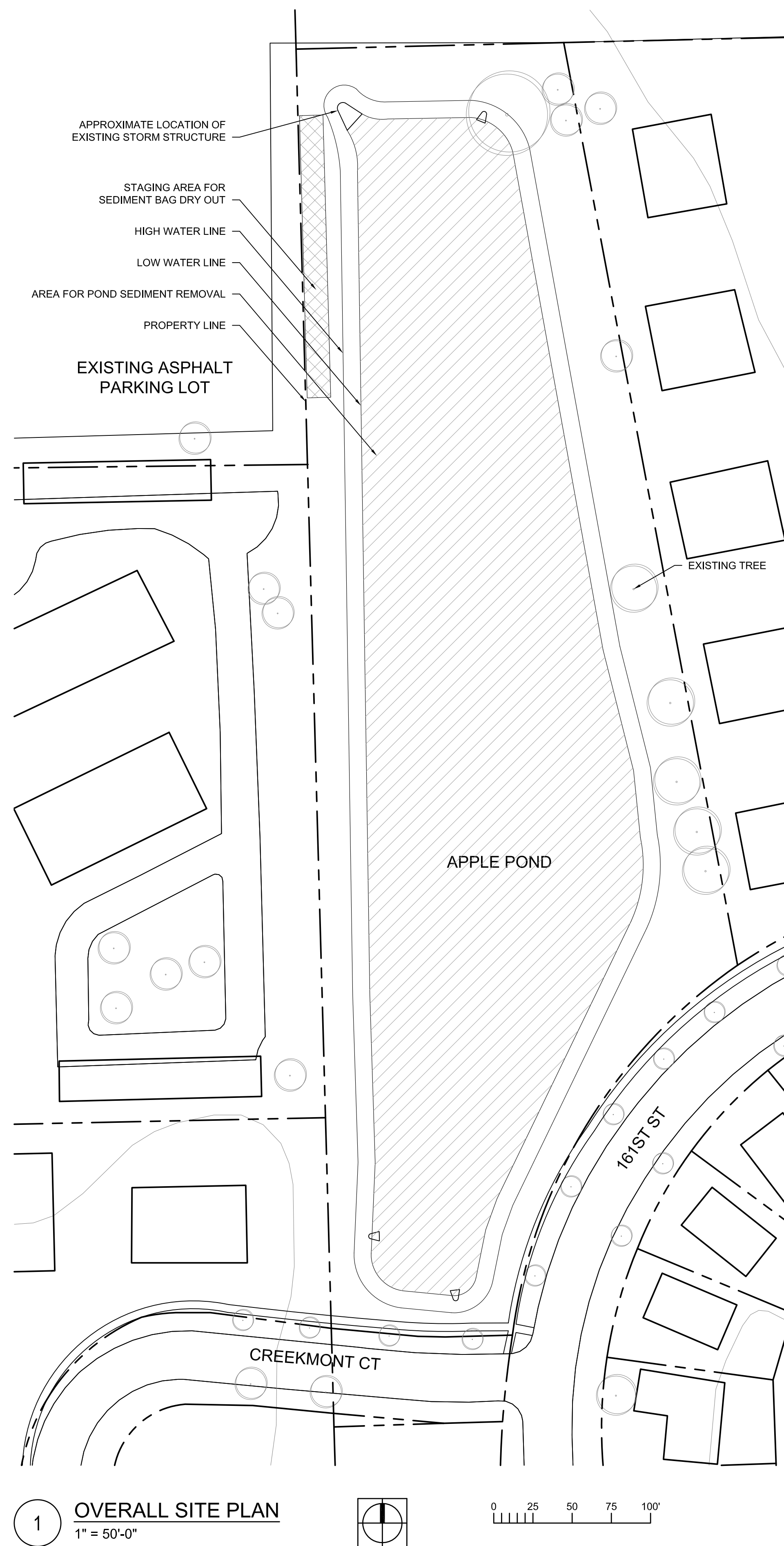
ISSUED FOR BID
FEBRUARY 5, 2019

GENERAL NOTES:

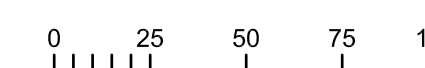
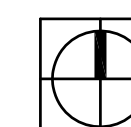
1. IF WORK REQUIRES SIDEWALK OR STREET CLOSURE, CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY WORK AND MATERIALS TO DO SO.
2. MODIFY AND RESTORE SITE CONDITIONS TO GAIN ACCESS INTO THE SITE. OWNER NOT RESPONSIBLE FOR RESTORATION COSTS DUE TO CONTRACTOR NEGLIGENCE DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY DOCUMENT THE EXISTING CONDITIONS OF THE SITE.
3. VERIFY THE EXACT LOCATIONS OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO THE START OF LANDSCAPE OPERATIONS. CONTRACTOR TO MAKE EVERY EFFORT POSSIBLE TO LOCATE ALL PRIVATE UTILITIES. CONTRACTOR TO ALSO BE RESPONSIBLE FOR MAINTAINING ALL UTILITY LOCATIONS AS MARKED BY THE UTILITY COMPANIES AND OWNER'S REPRESENTATIVE THROUGHOUT THE DURATION OF LANDSCAPE CONSTRUCTION.
4. BEFORE ANY EXCAVATION ON THE SITE, CALL TO LOCATE ANY EXISTING UTILITIES ON THE SITE. BECOME FAMILIAR WITH THE LOCATIONS OF ALL BURIED UTILITIES IN THE AREAS OF WORK BEFORE START OPERATIONS. REPAIR OR REPLACE ANY BURIED CONDUITS, CABLES OR PIPING DAMAGED DURING THE INSTALLATION OF THE WORK, AT NO COST TO OWNER.
5. REMOVE FROM THE SITE IN A LEGAL MANNER ANY AND ALL DEBRIS GENERATED DURING CONSTRUCTION OPERATIONS.
6. DO NOT INTERFERE WITH THE USE OF ADJACENT PROPERTIES INCLUDING BUT NOT LIMITED TO BUILDINGS, PARKING LOTS, STREETS OR ALLEYS.
7. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, FENCING, FURNISHINGS, AND PLANTINGS, TREES, AND LAWNS FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUTS, AND OTHER HAZARDS CAUSED BY SITE IMPROVEMENTS. IF ANY DAMAGE OCCURS, REPAIR TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO OWNER.
8. PROTECT AND/OR RESTORE EXISTING LAWN TO EXCELLENT CONDITION WITH TOPSOIL AND SOD. CONTRACTOR IS RESPONSIBLE FOR REPLACING ALL LANDSCAPE MATERIAL REMOVED OR DAMAGED DUE TO CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO OWNER.
9. VERIFY SITE CONDITIONS BEFORE PROCEEDING WITH WORK AND REPORT ANY CONFLICT WITH AOR AND LA.
10. IDENTIFY AND REPORT ANY SUBSOIL, SOIL AND/OR DRAINAGE ISSUES IMMEDIATELY TO THE ATTENTION OF THE AOR AND LA.
11. VERIFY ALL DIMENSIONS IN FIELD AND BRING ANY DISCREPANCIES IMMEDIATELY TO THE ATTENTION OF THE AOR AND LA.
12. COORDINATE WORK WITH ALL OTHER TRADES.
13. RESTORE ANY AREAS IMPACTED BY CONSTRUCTION OPERATIONS WHETHER WITHIN OR OUTSIDE OF PROJECT LIMITS.

LEGEND

- PROPERTY LINE
- EXISTING TREE
- AREA FOR POND SEDIMENT REMOVAL
- STAGING AREA FOR SEDIMENT BAG DRY OUT



1 OVERALL SITE PLAN
1" = 50'-0"



Apple Pond Sediment Removal

161st St & Creekmont Dr.
Tinley Park, IL 60487



ISSUANCES

Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No : 8323
 Drawn : JT File : 8323_site_sr.dwg
 Checked : MM Scale : AS NOTED
 Approved : BM

Sheet Title:
OVERALL SITE PLAN

Drawing Number:

L100

ADDENDUM NO. 1

Apple Pond Sediment Removal
2019-RFP-004
Tinley Park, Illinois 60477

February 21, 2019

This addendum forms part of the Contract Documents for the above named project and contains the following:

1) Questions and Answers

- a. Question 1: Please clarify the amount of material to be removed from the pond. RFP states 150 cubic yards, I calculate nearly 10,000 yards of sediment in the pond. Is the pond not being entirely cleaned?
 - i. Answer 1: The estimated quantity we had based on the previous underwater survey was at least 8,000 wet cubic yards. The entire pond is being cleaned. We understand that quantifying the amount of dry material that results from storing wet material on-site is an inexact science. The intent is to leave behind 150 CY of material to be reused on-site and to remove and dispose of all of the remaining material. We are asking the proposer to suggest the size and amount bags of wet material to be left on-site in order to eventually result in approximately 150 CY of dry material.
- b. Question 2: Question regarding the following: "All personnel onsite operating equipment in or out of the water needs to have proof of being properly trained at an accredited academy and have the proper certificates. All personal onsite operating equipment in or out of the water needs to have proof of being properly trained and licensed for sediment removal operation." Is this being enforced? Would company experience suffice?
 - i. Answer 2: The Village requires proper training for those completing the work. The Village does not consider company experience an acceptable substitute for proper training.

2) Clarifications

- a. Clarification 1: The rip rap removal item has also been added as an alternate in the Apple Pond Sediment Removal project RFP, since it may be more in line with the scope of work for that project instead.
- b. Clarification 2: A bid security is required. The conditions are as follows:

BID SECURITY

A certified check or bid bond on a solvent bank, payable without condition to the Village of Tinley Park in an amount not less than ten percent (10%) of the base bid shall be submitted with each proposal, as a guarantee that, if the proposal is accepted, a contract will be entered into and the performance of the contract is properly secured.

The Bid Security of the successful Respondent shall be returned to them immediately after the execution of the Agreement and upon delivery to the Owner of all requested bonds or certificates.

The Bid Security of all unsuccessful Respondents shall be returned to them, after the Bid opening, as soon as is practicable.

In submitting a Proposal, the Respondent understands and agrees that if their Proposal is accepted, and if Respondent fails to enter into an Agreement with the Owner, Respondent shall forfeit their Bid Security paid to the Owner, not as a penalty, but as liquidated damages due to such failure.

3) Changes to RFP Documents

- a. Change 1: The bid tabs have been updated with the rip rap removal item moved from part of the base bid to be an alternate pricing option. The updated bid tab has been included as part of this addendum, along with photos of the existing conditions.

END OF ADDENDUM 1

Apple Pond Sediment Removal
Village of Tinley Park, IL
Proposals Due: 2/26/2019
Project #: 8323

A: SEDIMENT REMOVAL

Description	Estimated Days of	Daily Rate		SEDIMENT REMOVAL COST
Pond Cleaning:				
Remove sediment, sludge, silt and muck from waterway		\$		\$
			TOTAL COST: SEDIMENT REMOVAL	\$

B: SEDIMENT AND BAGS LEFT ON-SITE

Description	Qty. of Bags	Unit Cost		BAGS AND SEDIMENT COST: LEFT ON-SITE
Furnish Bags:				
Provide bags in an amount to result in approximately 150 CY of dried material		\$		\$
Bag description:				
Locate Bags:				
Locate filled bags to designated dewatering area.		\$		\$
			TOTAL COST: BAGS AND SEDIMENT LEFT ON-SITE	\$

C: SEDIMENT AND BAGS REMOVED FROM SITE

Description	Qty. of Bags	Unit Cost		BAGS AND SEDIMENT COST: REMOVED FROM SITE
Furnish Bags:				
Provide bags in an amount sufficient to remove all material from the site other than the on-site bags		\$		\$
Bag description:				
Remove and Dispose Bags:				
Remove filled bags from site and dispose per specifications		\$		\$
			TOTAL COST: BAGS AND SEDIMENT REMOVED FROM SITE	\$

			BASE BID TOTAL PROJECT COST: + B + C	A	\$
--	--	--	---	----------	----

D: UNDERWATER SURVEY

Description	Qty.	Unit Cost		UNDERWATER SURVEY COST	
Provide Survey:					
Measure depths of water and silt throughout Apple Pond, and provide a written document and map of findings	1	\$		\$	
			ADD ALTERNATE TOTAL COST:	D	\$

E: RIP RAP REMOVAL

Description	Linear Feet	Unit Cost		RIPRAP REMOVAL COST	
Remove Concreted Rip Rap Edge:					
Includes removal/disposal of all existing concrete/riprap edge treatment around the perimeter of the pond.	1,705	\$		\$	
			ADD ALTERNATE TOTAL COST:	E	\$

*All proposed costs include work done according to all of the details, requirements and specifications per the RFP documents.



SITE PHOTOS- JANUARY 2019



The Village of Tinley Park
Apple Pond Restoration RFP





Interoffice

Memo

Date: March 4, 2019

To: Kevin Workowski, Public Works Director

From: Kelly Mulqueeny, Street Superintendent

Subject: Contract Award for Apple Pond Shoreline Restoration

Presented for March 19th, 2019 Village Board Meeting Agenda for consideration and possible action:

Description/Scope of Work:

The Village of Tinley Park (The Village) in its role of maintaining certain stormwater management properties in the public realm, seeks a proposal from a capable Contractor to coordinate and provide restoration services around the shoreline of Apple Pond. The Contractor shall perform the following services beginning in Spring 2019.

- Vegetation management, site preparation and native planting installations
- Regular landscape maintenance and stewardship services for the naturalized area
- Install hardscape improvements and landscape planting beds

Background:

This RFP was advertised on February 8th, 2019, five (5) sealed proposals were received by the deadline on Tuesday February 26, 2019, at 12:00 PM, and recorded by the Village Clerk's office.

Recommendation:

Proposals were submitted by Conservation Land Stewardship (CLS), Semper Fi Land Inc. (Semper Fi), V3 Companies (V3), Pizzo & Associates (Pizzo), and Tallgrass Restoration (Tallgrass). All five of the sealed proposals were reviewed and rated by the scoring panel consisting of Kelly Mulqueeny, Mitch Murdock (Landscape Architect Consultant), and Andy Stahr (Ecologist Consultant). The panel identified CLS as the highest rated option.

The proposals were highly competitive, as reflected by some close scores. The proposal submitted by CLS provided excellent value in their cost proposal, which ended up being their biggest advantage in terms of scoring.

<u>Contractor</u>	<u>Location</u>	<u>Average Score</u>	<u>Amount</u>
CLS	Elmhurst, IL	82.7	\$49,288.60
Pizzo	Leland, IL	77.0	\$63,543.29
V3	Woodridge, IL	75.3	\$56,000.00
Tallgrass	Schaumburg, IL	68.0	\$105,986.70
Semper Fi	Aurora, IL	65.0	\$70,977.50

The proposals also included a number of additional maintenance pricing options. We also evaluated these options, and would like to utilize all of the maintenance, and increase some of the unit price quantities. The cost for these options and quantity increases is **\$94,398.17**, which brings the total to **\$143,686.77**.

Budget / Finance: Funding is budgeted in the FY20 Budget.

Budget Available (Apple Pond Sediment Removal and Restoration)	<u>\$361,000.00</u>
Anticipated Costs Apple Pond Restoration	\$143,686.77
Anticipated Costs Apple Pond Sediment Removal (Separate Contract)	<u>\$129,999.00</u>
Difference (Under Budget)	\$87,314.23

Staff Direction Request:

1. Approve the service contract for the Apple Pond Restoration to Conservation Land Stewardship (CLS) in the amount of \$143,686.77
2. Direct Staff as necessary.

Apple Pond Shoreline Restoration- Cost Comparison Lowest Pricing Option
Village of Tinley Park, IL Middle Pricing Options
Proposals Due: 2/26/2019 Highest Pricing Option

BASE BID PRICING

Tallgrass F

SITE PREPARATION			Unit Price
LINE ITEM DESCRIPTION	Unit(s)	Qty	
Brush Clearing and Tree Thinning - Includes cutting, herbicide application, and removal/disposal of cut material	LS	1	\$ 13,165.00
Boom-Spray Herbicide Application - Includes initial herbicide application and any follow-up applications required to meet performance	LS	1	\$ 5,675.00
Soil Scarification - Includes elimination of standing dead biomass when required and collection/disposal of sticks, stones, clods or other debris	LS	1	\$ 16,760.00
<i>All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.</i>			
SOIL AMENDMENTS			Unit Price
LINE ITEM DESCRIPTION	Unit(s)	Qty	
Fertilizer: Gypsum, applied	LBS	1,850	\$ 1.20
Fertilizer: Monoammonium Phosphate (MAP), applied	LBS	150	\$ 3.40
Fertilizer: Sulphate of Potash (SOP), applied	LBS	300	\$ 4.00
Fertilizer: Milorganite, applied	LBS	250	\$ 3.10
<i>All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item. Actual quantities will be based upon the results of soil tests. Contractor shall be paid for fertilizers based upon materials used at the provided unit price.</i>			
PLANTING OPERATIONS			Unit Price
LINE ITEM DESCRIPTION	Unit(s)	Qty	
Seed, Installed - Transitional Buffer Seed Mix, includes planting zone layout	AC	0.22	\$ 2,600.00
Seed, Installed - Low Profile Prairie Seed Mix, includes planting zone layout	AC	0.84	\$ 2,560.00
Seed, Installed - Supplemental Shade Seed Mix, includes planting zone layout	AC	0.30	\$ 2,450.00
Seed, Installed - Wet-Mesic Seed Mix, includes planting zone layout	AC	0.12	\$ 2,850.00
Seed, Installed - Shoreline Seed Mix, includes planting zone layout	AC	0.19	\$ 2,870.00
Seed, Installed - Turf Repair Area, includes planting zone layout		0.06	\$ 23,000.00
Plugs, Common Species Installed - Includes planting zone layout and establishment watering	EACH	5,100	\$ 4.60
Herbivory Protection Fencing, Installed - Includes installation of double row per linear foot, maintenance and removal following plant establishment	LF	1,700	\$ 6.15
Erosion Control Blanket – North American Green S75BN, installed (Includes Transitional Buffer, Low Profile Prairie, and Supplemental Shade Seed Mix Areas)	SY	6,560	\$ 2.70
Erosion Control Blanket – North American Green C125BN, installed (Includes 50% of the Shoreline Seed and Plug Mix area)	SY	1040	\$ 3.50
Interim Stewardship - Until Substantial Completion	LS	1	\$ 4,600.00
<i>All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.</i>			
TOTAL BASE BID (in words):			\$ _____ and _____

ALTERNATE #1 - Annual Natural Areas Stewardship					Tallgrass F
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price	Unit Price

Natural Areas Stewardship - 1st Growing Season	SF	62000	\$	\$
Natural Areas Stewardship - 2nd Growing Season	SF	62000	\$	\$
Natural Areas Stewardship - 3rd Growing Season	SF	62000	\$	\$
TOTAL ALTERNATE #1 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #2 - Annual Natural Areas Stewardship				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Professional Prescribed Fire	Each	1	\$	\$
TOTAL ALTERNATE #2 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #3 - Landscape Enhancements: Bed Installations and Hardscape Improvements				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Install landscape beds along Creekmont Ct, per plans	LS	2	\$	\$
Install seating area, bench, landscape bed and trees along 161st St per plans	LS	1	\$	\$
Install interpretive sign, per plans	LS	1	\$	\$
TOTAL ALTERNATE #3 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #4 - Riprap Removal				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Riprap Removal - Includes removal/disposal of all existing concrete/riprap and installation of compacted rough grade topsoil in 2" lifts to meet existing grade	LF	1,705	\$	\$
TOTAL ALTERNATE #4 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

\$ 4,300.00
\$ 4,300.00
\$ 4,300.00
\$ 3,600.00
\$ 10,670.00
\$ 20,900.00
\$ 1,500.00
No bid

Restoration		Pizzo & Associates		CLS		V3		Semp
Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	
\$ 13,165.00	\$ 1,435.00	\$ 1,435.00	\$ 2,430.00	\$ 2,430.00	\$ 2,241.55	\$ 2,241.55	\$ 2,695.00	
\$ 5,675.00	\$ 1,595.00	\$ 1,595.00	\$ 2,279.50	\$ 2,279.50	\$ 1,990.00	\$ 1,990.00	\$ 1,560.00	
\$ 16,760.00	\$ 8,845.00	\$ 8,845.00	\$ 1,217.00	\$ 1,217.00	\$ 4,680.00	\$ 4,680.00	\$ 7,895.00	
\$ 2,220.00	\$ 0.74	\$ 1,369.00	\$ 1.53	\$ 2,830.50	\$ 1.27	\$ 2,349.50	\$ 0.89	
\$ 510.00	\$ 1.35	\$ 202.50	\$ 1.53	\$ 229.50	\$ 1.87	\$ 280.50	\$ 3.60	
\$ 1,200.00	\$ 1.30	\$ 390.00	\$ 1.14	\$ 342.00	\$ 1.29	\$ 387.00	\$ 2.16	
\$ 775.00	\$ 1.28	\$ 320.00	\$ 1.38	\$ 345.00	\$ 1.56	\$ 390.00	\$ 2.64	
\$ 572.00	\$ 2,884.55	\$ 634.60	\$ 2,069.91	\$ 455.38	\$ 2,204.55	\$ 485.00	\$ 1,650.00	
\$ 2,150.40	\$ 3,925.14	\$ 3,297.12	\$ 4,148.76	\$ 3,484.96	\$ 3,995.79	\$ 3,356.46	\$ 1,900.00	
\$ 735.00	\$ 2,909.10	\$ 872.73	\$ 2,104.17	\$ 631.25	\$ 2,070.33	\$ 621.10	\$ 4,200.00	
\$ 342.00	\$ 6,038.33	\$ 724.60	\$ 5,823.50	\$ 698.82	\$ 4,890.00	\$ 586.80	\$ 2,550.00	
\$ 545.30	\$ 3,958.42	\$ 752.10	\$ 4,867.84	\$ 924.89	\$ 5,482.57	\$ 1,041.69	\$ 4,200.00	
\$ 1,380.00	\$ 4,305.67	\$ 258.34	\$ 12,583.33	\$ 755.00	\$ 8,333.33	\$ 500.00	\$ 2,200.00	
\$ 23,460.00	\$ 3.05	\$ 15,555.00	\$ 3.48	\$ 17,748.00	\$ 3.96	\$ 20,196.00	\$ 4.50	
\$ 10,455.00	\$ 6.63	\$ 11,271.00	\$ 2.52	\$ 4,284.00	\$ 1.54	\$ 2,618.00	\$ 3.40	
\$ 17,712.00	\$ 1.33	\$ 8,724.80	\$ 1.16	\$ 7,609.60	\$ 0.87	\$ 5,707.20	\$ 1.60	
\$ 3,640.00	\$ 2.05	\$ 2,132.00	\$ 2.33	\$ 2,423.20	\$ 2.98	\$ 3,099.20	\$ 2.55	
\$ 4,600.00	\$ 5,164.50	\$ 5,164.50	\$ 600.00	\$ 600.00	\$ 5,470.00	\$ 5,470.00	\$ 9,000.00	
\$ 105,896.70		\$ 63,543.29		\$ 49,288.60		\$ 56,000.00		

Restoration		Pizzo & Associates		CLS		V3		Semp
Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	

\$ 4,300.00	\$ 6,800.00	\$ 6,800.00	\$ 0.08	\$ 4,960.00	\$ 10,202.00	\$ 10,202.00	\$ 0.22
\$ 4,300.00	\$ 6,800.00	\$ 6,800.00	\$ 0.06	\$ 3,720.00	\$ 10,202.00	\$ 10,202.00	\$ 0.16
\$ 4,300.00	\$ 6,800.00	\$ 6,800.00	\$ 0.06	\$ 3,720.00	\$ 10,202.00	\$ 10,202.00	\$ 0.11
\$ 12,900.00		\$ 20,400.00		\$ 12,400.00		\$ 30,606.00	
\$ 3,600.00	\$ 5,100.00	\$ 5,100.00	\$ 2,700.00	\$ 2,700.00	\$ 3,440.00	\$ 3,440.00	\$ 4,600.00
\$ 3,600.00		\$ 5,100.00		\$ 2,700.00		\$ 3,440.00	
\$ 21,340.00	\$ 6,707.50	\$ 13,415.00	\$ 4,750.00	\$ 9,500.00	No Bid	No Bid	\$ 6,400.00
\$ 20,900.00	\$ 17,685.00	\$ 17,685.00	\$ 11,550.00	\$ 11,550.00	No Bid	No Bid	\$ 14,500.00
\$ 1,500.00	\$ 1,145.00	\$ 1,145.00	\$ 1,500.00	\$ 1,500.00	No Bid	No Bid	\$ 1,200.00
\$ 43,740.00		\$ 32,245.00		\$ 22,550.00		No Bid	
No Bid	\$ 71.00	\$ 121,055.00	\$ 22.87	\$ 39,000.17	No Bid	No Bid	\$ 10.70
		\$ 121,055.00		\$ 39,000.17			

\$ 143,686.77

**Semper F
submitted the
Pricing with
Glen Propo

er Fi**

Total Price
\$ 2,695.00
\$ 1,560.00
\$ 7,895.00
\$ 1,646.50
\$ 540.00
\$ 648.00
\$ 660.00
\$ 363.00
\$ 1,596.00
\$ 1,260.00
\$ 306.00
\$ 798.00
\$ 132.00
\$ 22,950.00
\$ 5,780.00
\$ 10,496.00
\$ 2,652.00
\$ 9,000.00
\$ 70,977.50

per Fi
Total Price

\$ 13,640.00
\$ 9,920.00
\$ 6,820.00
\$ 30,380.00
\$ 4,600.00
\$ 4,600.00
\$ 12,800.00
\$ 14,500.00
\$ 1,200.00
\$ 28,500.00
\$ 18,243.50
\$ 18,243.50

ri mistakenly
eir Apple Pond
their Fairfield
sal, and vice

Apple Pond Shoreline Restoration
 RFP Scoring Sheet
 2/26/2019

Category	Scoring	Mitch	Kelly	Andy	Mitch	Kelly	Andy	Mitch	Kelly	Andy	Mitch	Kelly	Andy	Mitch	Kelly	Andy												
		Tallgrass Restoration			Pizzo & Associates			CLS			V3			Semper Fi														
Experience and Qualifications	40 points	34	35	34	36	38	40	36	38	16	36	38	32	28	30	21												
Ability to Complete Work in a Timely Manner	20 points	18	20	20	18	20	20	18	20	20	18	20	20	18	20	20												
Fee Amount and Terms	20 points	0	0	0	0	0	5	20	20	20	0	0	8	15	10	5												
References and Projects with other Municipalities and/or projects of comparable scale	20 points	16	12	15	18	16	20	18	16	6	18	16	20	12	10	6												
TOTAL= 100		68	67	69	72	74	85	92	94	62	72	74	80	73	70	52												
	Average Score:	68.0			Average Score:			77.0			Average Score:			82.7			Average Score:			75.3			Average Score:			65.0		

March 1, 2019

Ms. Kelly Mulqueeny

Street Superintendent

Village of Tinley Park

16250 S. Oak Park Ave.

Tinley Park, Illinois 60477



re: **Apple Pond Shoreline Restoration - Contractor Recommendation**

Dear Kelly:

Upon thorough review of the five (5) proposals opened on February 26, 2019 for the Apple Pond Shoreline Restoration project, we would like to recommend beginning contract negotiations with the highest rated responder, Conservation Land Stewardship (CLS), of Elmhurst, IL.

The Apple Pond Shoreline Restoration RFP was scored on categories that considered the qualifications, capabilities and professional experience of each company in addition to their cost proposal.

CLS has completed all of the required bidding forms, submitted the appropriate bid security, and they have met all of the requirements outlined within the project manual.

Please let us know if you have any questions or concerns.

Sincerely,

A handwritten signature in blue ink, appearing to read 'M. J. Murdock', written in a cursive style.

Mitch Murdock

Project Manager – site design group, ltd.

CC: RKS / BM/ KM

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-020

**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK
CONSERVATION LAND STEWARDSHIP (CLS) INC. OF ELMHURST, ILLINOIS FOR APPLE
POND SHORELINE RESTORATION**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

RESOLUTION NO. 2019-R-020**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK CONSERVATION LAND STEWARDSHIP (CLS) INC. OF ELMHURST, ILLINOIS FOR APPLE POND SHORELINE RESTORATION**

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered authorizing an Contract, a true and correct copy of such agreement being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "agreement" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Contract.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-020, **“A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK CONSERVATION LAND STEWARDSHIP (CLS) INC. OF ELMHURST, ILLINOIS FOR APPLE POND SHORELINE RESTORATION** .,” which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK

VILLAGE OF TINLEY PARK**SERVICE CONTRACT**

This contract is by and between the **Village of Tinley Park**, a Illinois home-rule municipal corporation (the “Village”), and **Conservation Land Stewardship (CLS)** (the “Contractor”), for the project or work described in Exhibit A, attached hereto and made a part hereof.

1. In consideration of the compensation stated in paragraph 2, the Contractor shall provide all the services described in the Scope of Services attached hereto as Exhibit “A” and incorporated herein by reference. The express terms of this Contract shall take precedence and control over any term or provision of the Scope of Services (Exhibit A) that in any way conflicts with, differs from, or attempts to alter the terms of this Contract.
2. Except in the event of a duly authorized change order approved by the Village as provided in this Contract, and in consideration of the Contractor’s final completion of all work in conformity with this Contract, the Village shall pay the Contractor an amount not to exceed **one hundred and forty three thousand six hundred and eighty six and 77/100 Dollars (\$143,686.77)**. Within **seven (7)** calendar days of completion of the work, the Contractor shall submit his application for payment to the Village, and the Village shall pay Contractor for the work performed no later than **thirty (30)** calendar days from the date of the Village's receipt and the Village’s approval of the work and the application for payment. No payment shall be made by the Village until the Contractor has submitted to the Village (i) a Contractor’s Affidavit listing all subcontractors and material suppliers utilized on the project and (ii) final waivers of lien from the Contractor, all subcontractors and all material suppliers.
3. No changes shall be made, nor will invoices for changes, alterations, modifications, deviations, or extra work or services be recognized or paid except upon the prior written order from authorized personnel of the Village. The Contractor shall not execute change orders on behalf of the Village or otherwise alter the financial scope of the Project.
4. Written change orders may be approved by the Village Manager or his designee provided that the change order does not increase the amount set forth in paragraph 2 of this Contract to more than \$10,000.00. Changes in excess of this amount must be approved by the Village Board prior to commencement of the services or work. **Any request by the Contractor for an increase in the Scope of Services and an increase in the amount listed in paragraph 2 of this Contract shall be made and approved by the Village prior to the Contractor providing such services or the right to payment for such additional services shall be waived.**
5. **Time is of the essence on this Contract.** The Contractor shall complete all work under this Contract by the dates set forth below:
6. No “Notice to Proceed” may be given nor any work commenced until this Contract is fully executed and all exhibits and other attachments are completely filled out and attached hereto.

7. It is understood and agreed by the parties that the Contractor is an independent contractor retained for the above-mentioned purpose. The Village shall not control the manner nor the means of the Contractor's performance, but shall be entitled to a work product as described herein. The term "subcontractor" shall mean and include only those hired by and having a direct contract with Contractor for performance of work on the Project. The Village shall have no responsibility to any subcontractor employed by a Contractor for performance of work on the Project, and all subcontractors and material suppliers shall look exclusively to the Contractor for any payments due. The Village will **not** be responsible for reporting or paying employment taxes or other similar levies that may be required by the United States Internal Revenue Service or other State or Federal agencies. Every subcontractor shall be bound by the terms and provisions of this Contract as far as applicable to their work. The Contractor shall be fully responsible to the Village for the acts and omissions of its subcontractors, and shall ensure that any subcontractors perform in accordance with the requirements of this Contract. Nothing contained herein shall create any contractual or employment relations between any subcontractor and the Village. The Contractor is solely responsible for the safety procedures, programs and methods of its employees and agents and shall hold the Village harmless for any and all damages resulting from violations thereof. The Contractor shall comply with all applicable federal, State and local safety laws and regulations.
8. **It is further agreed that the Contractor shall indemnify, hold harmless, and defend the Village, its officers, agents, and employees from and against any and all claims, losses, damages, causes of action, suits, and liability of every kind, including all expenses of litigation, court costs, and attorneys' fees, for injury to or death of any person or for damage to any property arising out of or in connection with the work done by the Contractor under this Contract. Such indemnity shall apply regardless of whether the claims, losses, damages, causes of action, suits, or liability arise in whole or in part from the negligence of the Village, any other party indemnified hereunder, the Contractor, or any third party.**
9. **The Contractor assumes full responsibility for the work to be performed hereunder and hereby releases, relinquishes, and discharges the Village, its officers, agents, and employees from all claims, demands, and causes of action of every kind and character, including the cost of defense thereof, for any injury to or death of any person and any loss of or damage to any property that is caused by, alleged to be caused by, arising out of, or in connection with the Contractor's work to be performed hereunder. This release shall apply regardless of whether said claims, demands, and causes of action are covered in whole or in part by insurance and regardless of whether such injury, death, loss, or damage was caused in whole or in part by the negligence of the Village, any other party released hereunder, the Contractor, or any third party. The Contractor shall maintain insurance coverage in an amount and from a carrier suitable to the Village, and the Village shall be named as an additional insured where required. Certificates of Insurance are attached hereto as Exhibit B.**
10. The Village is exempt from payment of state and local sales and use of taxes on labor and materials incorporated into the project. If necessary, it is the Contractor's responsibility to obtain a sales tax permit, resale certificate, and exemption certificate that shall enable the Contractor to buy any materials to be incorporated into the project and then resale the aforementioned materials to the Village without paying the tax on the materials at the time of purchase. In no event will the Village be liable for or pay any sales or use taxes incurred by the Contractor in performing the services under this contract.

11. The Contractor shall comply with all applicable federal, state, and local statutes, regulations, ordinances, and other laws, including but not limited to the Immigration Reform and Control Act (IRCA). The Contractor may not knowingly obtain the labor or services of an unauthorized alien. The Contractor, not the Village, must verify eligibility for employment as required by IRCA.
12. At any time, the Village may terminate this Contract for convenience, upon written notice to the Contractor. The Contractor shall cease work immediately upon receipt of such notice. The Contractor shall be compensated for services performed and accepted by the Village up to the date of termination.
13. No waiver or deferral by either party of any term or condition of this Contract shall be deemed or construed to be a waiver or deferral of any other term or condition or subsequent waiver or deferral of the same term or condition.
14. This Contract may only be amended by written instrument approved and executed by the parties.
15. This Contract and the rights and obligations contained herein may not be assigned by the Contractor without the prior written approval of Village.
16. The parties hereby state that they have read and understand the terms of this Contract and hereby agree to the conditions contained herein.
17. This Contract has been made under and shall be governed by the laws of the State of Illinois. The parties agree that performance and all matters related thereto shall be in Cook County, Illinois.
18. Contractor, its employees, associates or subcontractors shall perform all the work hereunder. Contractor agrees that all of its associates, employees, or subcontractors who work on this Project shall be fully qualified and competent to do the work described hereunder. Contractor shall undertake the work and complete it in a timely manner.
19. If any provision of this Contract shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court of competent jurisdiction finds that any provision of this Contract is invalid or unenforceable, but that by limiting such provision it may become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.
20. This Contract represents the entire and integrated agreement between the Village and Contractor and supersedes all prior negotiations, representations, or agreements, either written or oral.
21. This Contract will be effective when signed by the last party whose signing makes the Contract fully executed.

22. The Contractor agrees to comply with the Illinois Prevailing Wage Act, if the work to be performed under this Contract is covered by said Act.

IF THIS IS PREVAILING WAGE WORK:

This contract calls for the construction of a “public work,” within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 *et seq.* (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department’s web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice and record keeping duties.

23. The Contractor agrees to comply with the Illinois Substance Abuse Prevention on Public Works Projects Act.

CERTIFICATIONS BY CONTRACTOR

Eligibility to Contract

The undersigned hereby certifies that the Contractor is not barred from bidding on or entering into this contract as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Human Rights Act

The undersigned hereby certifies that the Contractor is in compliance with Title 7 of the 1964 Civil Rights Act as amended and the Illinois Human Rights Act as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Drug-Free Workplace Act

The undersigned, **having 25 or more employees**, does hereby certify pursuant to section 3 of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate Regarding Sexual Harassment Policy

The undersigned does hereby certify pursuant to section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Substance Abuse Prevention on Public Works Projects Act

The undersigned hereby certifies that:

- A. There is in place a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635), and has provided a written copy thereof to the Village of Tinley Park.
- B. There is in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635)

(Cross out either A or B depending upon which certification is correct)

Name of Contractor (please print)

Submitted by (signature)

Title

[NAME OF CONTRACTOR]

BY: _____

_____ Date

Printed Name: _____

Title: _____

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Mayor
(required if Contract is \$10,000 or more)

ATTEST:

Village Clerk
(required if Contract is \$10,000 or more)

_____ Date

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Village Manager

Exhibit A

SCOPE OF SERVICES

Exhibit B

INSURANCE REQUIREMENTS

(See Risk Manager for Insurance Requirements)



Village of Tinley Park, Illinois
REQUEST FOR PROPOSALS
Apple Pond Shoreline Restoration
2019-RFP-005

The Village of Tinley Park ("the Village"), invites Proposals from a capable Contractor to coordinate and provide ecological restoration services at Apple Pond. The Contractor shall perform the following services beginning in Spring 2019.

- Vegetation management, site preparation and native planting installations
- Regular landscape maintenance and stewardship services for the naturalized area
- Install hardscape improvements and landscape planting beds

Firms with demonstrated experience in this area, and with an interest in making their services available to the Village, are invited to respond to this RFP.

GENERAL REQUIREMENTS: Proposers are to submit four (4) packets. Submit **one (1) original plus three (3)** complete copies of the proposals.

SUBMISSION LOCATION: The Village Of Tinley Park- Clerk's Office
 16250 South Oak Park Avenue
 Tinley Park, IL 60477

SUBMISSION DATE: **Tuesday, February 26, 2019 by 12:00 p.m.**
 Responses received after the time specified will not be opened.

PRE-SUBMITTAL MEETING: **Thursday, February 14, 2019 at 10:30 a.m.**
 Recommended meeting at Public Works Facility:
 7980 W. 183rd St
 Tinley Park, IL 60477

CONTACT QUESTIONS: Submit questions via email to: Mitch Murdock at mitchell.murdock@site-design.com. Questions are required no less than one (1) week prior to the RFP opening date. **Absolutely no informal communication shall occur regarding this RFP, including requests for information or speculation between Proposers or any of their individual members and any Village elected official or employee. All questions will be answered with a copy of the question and answer to each proposer that the Village is aware of and may be answered by addendum.**

CONTENTS: The following sections, including this cover sheet, shall be considered integral parts of this solicitation:

- Notice of RFP
- General Terms and Conditions
- Project Overview
- Submission Requirements
- Requirements and Expectations
- Projected Timeline
- Site Photos
- Natural Areas Establishment Provisions



- Landscape Specifications
- Bid Tab
- Site Plans

GENERAL TERMS AND CONDITIONS

1. **Negotiations:**

The Village of Tinley Park reserves the right to negotiate specifications, terms and conditions, which may be necessary or appropriate to the accomplishment of the purpose of this RFP. Nothing in this RFP is intended as a contract or as any kind of promise or commitment to enter into an agreement.

2. **Confidentiality:**

RFPs and responses thereto are subject to the Illinois Freedom of Information Act ("FOIA").

3. **Reserved Rights:**

The Village of Tinley Park reserves the right, at any time and for any reason, to cancel this RFP or any portion thereof, to reject any or all RFPs. The Village reserves the right to waive any immaterial defect in any RFP. The Village may seek clarification from a proposer at any time, after the submission date, and failure to respond promptly is cause for rejection.

4. **Incurred Costs:**

The Village of Tinley Park will not be liable for any costs incurred by respondents in replying to this RFP.

5. **Award:**

Award, if any, will be based on the highest ranked responsive, responsible bidder. Award, if any, will be based on the evaluation criteria set forth herein.

6. **Discussion of RFP:**

The Village of Tinley Park may conduct discussions with any proposer who submits a response to this RFP. During the course of such discussions, the Village shall not disclose any information derived from one proposer to any other proposer.

7. **Time and Effort:**

Time is of the essence. The broker shall be able to devote sufficient resources to the Village of Tinley Park.

8. **Responsibility and Default:**

The proposer shall be required to assume responsibility for all items listed in this RFP. The successful proposer shall be considered the sole point of contact for purposes of any service agreement entered into by the Village.

9. **Interpretations or Correction of Request for Proposals:**

Proposer shall promptly notify the Village of Tinley Park of any ambiguity, inconsistency or error that they may discover upon examination of the RFP. Interpretation, correction and changes to the RFP will be made by written addendum. Interpretation, corrections or changes made in any other manner will not be binding.

10. **Addenda:**

Addenda are written instruments issued by the Village prior to the date of receipt of



qualifications, which modify or interpret the RFP by addition, deletions, clarifications, or corrections. Each proposer shall ascertain prior to submitting a qualifications packet that all addenda issued have been received, and by submission of a qualification packet, such act shall be taken to mean that such proposer has received and understands fully the contents of the addenda.

11. **Taxes:**

The Village of Tinley Park is exempt from paying Federal and Illinois State taxes.

12. **Non-Discrimination:**

Proposer shall comply with the Illinois Human Rights Act, 778ILCS 5/1-101 et seq. as amended and any rules and regulations promulgated in accordance therewith, including, but not limited to, the Equal Employment Opportunity Clause, Illinois Administrative Code, Title 44, Part 780 (Appendix A), which is incorporated herein by reference.

13. **Insurance: *Please submit certificate with your proposal***

The proposer must obtain insurance issued by a company or companies qualified to do business in the State of Illinois and provide the Village with evidence of credible insurance. Insurance in the following types and amounts is necessary:

A. **Worker's Compensation and Employer's Liability** with limits not less than:

- a. (1) Worker's Compensation: Statutory;
- b. (2) Employer's Liability;
- c. \$1,000,000 injury-per occurrence
- d. Such insurance shall evidence that coverage applies in the State of Illinois.

B. **Comprehensive Motor Vehicle Liability** with limits for vehicles owned, non-owned or rented not less than:

- a. Bodily Injury/Property Damage: Combined Single Limit: \$1,000,000 per accident

C. **Comprehensive General Liability** with coverage written on an "occurrence" as is and with limits no less than:

- a. Each Occurrence: \$ 1,000,000
- b. General Aggregate: \$2,000,000
- c. Products and completed operations: General Aggregate: \$2,000,000

D. Coverage's shall include:

- a. Premises/Operations
- b. Independent Vendors
- c. Personal Injury (with Employment Exclusion deleted)
- d. Broad Form Property Damage Endorsement
- e. Blanket Contractual Liability (must expressly cover the indemnity provisions of this Contract)

E. **Umbrella Policy.** The required coverage's may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss. This policy should apply to the Commercial General Liability and Motor Vehicle Coverage. Minimum amount \$5,000,000 in combination. An exception for a lower limit may be granted at the discretion of the Village of Tinley Park. Such an exception could be based upon



other criteria such as a review of their safety record, information provided by references, and/or any established prior job performance on behalf of the Village.

Village of Tinley Park shall be named as an Additional Insured on the Comprehensive General Liability, Comprehensive Motor Vehicle Liability and Umbrella/Excess Policies. An endorsement naming the Village an additional insured must be submitted With the Certificate of Insurance. All insurance policies are to be placed with insurers authorized to conduct business in the state with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to the Village.

F. **Other Insurance Provisions -**

The insurance policies are to contain, or be endorsed to contain, the following provisions:

- a. The Entity, its officers, officials, employees, and volunteers are to be covered as additional insureds on the general liability, auto and umbrella/excess policies. An endorsement naming the Village an additional insured must be submitted with the Certificate of Insurance
 - b. For any claims related to this project, the insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the Entity, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the Entity, its officers, officials, employees, or volunteers shall be excess of the Vendor's insurance and shall not contribute with it. Vendor shall procure and maintain for the duration of the contract, and for 2 years thereafter, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Vendor, his agents, representatives, employees.
 - c. Each insurance policy required by this clause shall provide that coverage shall not be canceled, except with notice to the Entity.
 - d. Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to the Entity.
 - e. Waiver of Subrogation: Vendor hereby agrees to waive rights of subrogation which any insurer of Vendor may acquire from Vendor by virtue of the payment of any loss. Vendor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the Entity for all work performed by the Vendor, its employees, agents.
14. **Change in Status:**
The proposer shall notify the Village of Tinley Park immediately of any changes in its status resulting from any of the following: (a) proposer is acquired by another party; (b) proposer becomes insolvent; (c) proposer, voluntarily or by operation of law, becomes subject to the provisions of any chapter of the Bankruptcy Act; (d) vendor ceases to conduct its operations in normal course of business. The Village of Tinley Park shall have the option to terminate any professional working relationship with the vendor immediately on written notice based on any such change in status.
15. **Precedence:**
Where there appears to be variances or conflicts, the following order of precedence shall prevail: The Village of Tinley Park Request for Proposals; and the Proposers Response to RFP.



16. **Submittal and Evaluation Factors:**

The contract will be awarded to the Contractor determined by the Village of Tinley Park to be in the best interest of the Village, who meets or exceeds the criteria and provisions sought by the Village. The Village reserves the right to reject any or all responses or to waive any details in the responses received whenever such rejection or waiver is in the best interests of the Village. The Village also reserves the right to reject the RFP of a Contractor who has previously failed to satisfactorily perform a contract. The Village of Tinley Park reserves the right to award the contract to a Contractor who is not the lowest cost; however, cost is an important factor in the selection of a Contractor.

In determining the most qualified responder, the following criteria will be considered by the Village:

- A. Experience and qualifications;
- B. Ability to complete required work in a timely manner;
- C. Fee amount and terms;
- D. Projects with other Municipalities and/or projects of comparable scale

PROJECT OVERVIEW

1. **Introduction and Purpose**

The Village of Tinley Park (The Village) in its role of maintaining certain stormwater management properties in the public realm, seeks a proposal from a capable Contractor to coordinate and provide ecological restoration services at Apple Pond. Apple Pond is an approximately 2.5-acre stormwater management site with a surrounding upland ring that is approximately 1.3 acres. Apple Pond is located at the northwest corner of Apple Lane and 161st Street. The Village currently has an RFP out for sediment removal at Apple Pond, which may leave behind bags of dredged material in the northwest portion of the site for use on this project. There is currently a concrete and stone edge around the edge of the water at Apple Pond. This RFP includes services to remove that hard edge and backfill those areas with the topsoil left behind to dry from the sediment removal project. The work outlined in this RFP will not begin until the sediment removal project is complete. In addition to installing native seeding and plant material, this RFP also includes options for a formal landscape beds, a small seating area/ plaza and interpretive signage as neighborhood amenities.

2. **Scope of Services and Specifications**

It is the responsibility of the successful Responder to meet the requirements of the scope of services and specifications as detailed in the Natural Areas Establishment Provisions and the Landscape Specifications.

SUBMISSION REQUIREMENTS

1. Qualification Data- Responder shall provide information as requested in the Natural Areas Specifications, sections 1.03 and 1.08.
2. Pricing- Must be included in the cost proposal, as listed on the detailed bid tab.
3. References - Responder shall provide information as requested in the Natural Areas Specifications, section 1.03.



- 4. Insurance Certificate- See insurance requirements above.

REQUIREMENTS AND EXPECTATIONS

The following are general requirements and expectations of the selected Contractor:

- 1. The Contractor shall perform all work in accordance with Federal, State, and Local laws, regulations, codes and ordinances;
- 2. The Contractor must be able to receive requests via e-mail;
- 3. The Contractor is expected to have all necessary supplies, equipment, personnel, and skills to complete the project in a timely manner;
- 4. Hours of work are 7:00 AM through 7:00 PM, Monday through Friday, and between 9:00 AM and 5:00 PM on Saturday, unless authorized at the sole discretion of The Village;
- 5. The surrounding area shall have a neat, professional looking appearance upon completion of the job, and
- 6. All contractor employees shall wear suitable uniforms during the time they are on Village property or public ROW areas.

PROJECTED TIMELINE

Every effort will be made to adhere to the following schedule:

RFP Released:	February 5, 2019
Proposals Due	February 26, 2019 at 12:00 PM
RFP Review	February/March 2019
Committee Review	March 2019
Board Approval	March 2019



SITE PHOTOS- JANUARY 2019





NATURAL AREAS ESTABLISHMENT PROVISIONS

PART 1 GENERAL

1.01 DESCRIPTION AND INTENT OF WORK

- A. The Natural Areas Contractor shall perform all work to the complete satisfaction of the Owner and in accordance with all municipal, county, state and other laws, ordinances applicable to such work.
- B. The Natural Areas Contractor's personnel shall at all times present a neat and professional appearance and all work shall be done and all complaints handled by the Contractor with due regard to the Owner's public relations.
- C. Natural Areas Brush & Tree Clearing priorities are to approach eradication of invasive woody species and thin existing stands of native woody species. The intent is to allow sunlight to penetrate the ground and eliminate threats from invasive species or aggressive native species, while protecting existing trees to remain from damage, prior to hand-off to the Owner.
- D. Native Herbaceous Planting priorities are to prepare planting areas for good seed-to-soil contact, install an even coverage of high-quality native seed/plants and protect planting areas from erosion. The intent is to develop a dense stand of native seedlings with minimal weed content.
- E. Natural Areas Stewardship's priority is to approach eradication of invasive herbaceous species, establish and encourage the healthy growth of native species, and increase overall site biodiversity. This document describes the standards for Acceptance, Monitoring*, Reporting*, Performance, and Remediation for a successful stewardship program. The intent is to develop a dense stand of desirable native species with minimal weed content and no threat from invasive species or aggressive native species prior to hand-off to the Owner.
**Monitoring and Reporting will be provided by others*
- F. Prescribed Fire priorities are to achieve specific ecological and/or aesthetic outcomes through the safe application of fire under a comprehensive prescription. The intent is to clear standing dormant herbaceous biomass and/or leaf litter to allow significant sunlight to penetrate the soil surface and allow easy application of herbicide to emerging plant material without causing damage to structures, property, cultural resources, desirable woody vegetation, desirable deadwood, desirable fire-negative herbaceous species or other desirable features.

1.02 WORK INCLUDED

- A. Natural Areas Brush & Tree Clearing shall include all labor, material, equipment, and transport necessary for, and incidental to, site preparation (includes the disposal of brush, vegetation, downed logs, stumps, sod, limited rubbish, surface debris, or other material occurring within the natural area which will interfere with the work, or which is unsuitable to remain), cutting, herbiciding, removing, and disposing of target tree and shrub species. This work shall also include follow-up cutting, herbiciding, removing, and disposing of all target species re-sprouts.
- B. Native Herbaceous Planting work shall include all labor, material, equipment, and transport necessary for, and incidental to, site preparation (includes minor grading), identification of invasive/weedy species, eradication of invasive/weedy species, planting, seeding, and erosion control as related to the installation of native plant species.
- C. Natural Areas Stewardship work shall include all labor, material, equipment, and transport necessary for, and incidental to, short-term/establishment stewardship of the natural areas including, but not limited to the control of invasive woody and herbaceous flora through

NATURAL AREAS ESTABLISHMENT PROVISIONS

cultural methods, physical removal, biological control, or the application of appropriate herbicides.

- D. Prescribed Fire shall include all labor, material, equipment, and transport necessary for, and incidental to, permit acquisition, coordination with local jurisdictions, notifications, site preparation (may include the disposal of brush, vegetation, downed logs, stumps, sod, limited rubbish, surface debris, or other material occurring within the natural area which will interfere with the work), creation of required burn breaks, ignition, containment, smoke monitoring & management, and mop-up activities. Mop-up activities include, but are not limited to, suppression of all smoldering material, ensuring burn crew members are on-call and remain within 2-hours of the burn site for 24 hours after burn completion, etc.

1.03 CONTRACTOR QUALIFICATIONS

- A. All work shall be performed by a Natural Areas Contractor with at least seven (7) years of documented experience in selective brush and tree clearing, planting of native species, and natural areas management for the purposes of ecological restoration, and shall be able to demonstrate their knowledge in the field. Natural Areas Contractor shall submit a statement of qualifications with their bid containing the following information:
- Name, address, and telephone number of firm.
 - Brief business history of the firm, including year founded.
 - List of equipment anticipated to be utilized for this project, specify whether the equipment is owned by the Natural Areas Contractor or not (See Appendix E).
 - List of personnel anticipated to be assigned to this project. Specify total number years of experience, number years with submitting firm and which tasks they are expected to perform under this contract (See Appendix E).
 - Descriptions and references to five (5) successful natural areas projects similar in scope and size to the Owner's project. At a minimum references shall include the client's name, address, and telephone number.
 - A minimum of three (3) of the projects referenced shall meet the following:
 - ◆ Have been completed within the past five (5) years
 - ◆ Include before and after photos.
 - ◆ Be located less than one hundred and fifty (150) miles from the project site(s). These sites will be field inspected for quality of work prior to contractor selection.
 - ◆ Be naturalized stormwater basins with a minimum natural area size of three (3) acres, not including open water.
 - ◆ The work shall have been performed for a local government municipality.
 - ◆ Tasks performed shall include site preparation, native seed/plant installation, management (including herbicide application) and prescription burning.
 - References to fifteen (15) successfully completed burns within natural areas similar in scope and size to the Owner's project. At a minimum references shall include the client's name, address and telephone number. If applicable, prescribed fire references can be the same as project references.
- B. Only tasks self-performed shall meet the above criteria, subcontracted tasks must be identified within the qualification submittal.
- C. Project Manager: The Natural Areas Contractor shall designate an employee to be the Project Manager (PM). This person shall be the sole representative of the Natural Areas Contractor

NATURAL AREAS ESTABLISHMENT PROVISIONS

and shall be the contact person for the Owner/Owner's Representative. The PM must speak fluent English and at a minimum must have a bachelor's degree in natural resources, ecology, biology, or a related field, three (3) years of documented experience with Midwestern ecosystems/habitat types and one (1) year of field experience in ecosystem restoration. PM must also demonstrate the following:

- Experience with public speaking in general and the ability to verbally communicate complicated processes or techniques and technical data or information in a simplified, clear and concise manner
- Experience working with municipal government staff, elected officials and community residents.
- Working knowledge and understanding of basic ecology and restoration principles.
- The skills to competently identify invasive and native species.
- Working knowledge of the latest most effective and selective methods/materials/herbicides for providing quality ecological restoration.
- Understanding of effective timing for successful target species herbicide application methods.
- Hold a current and valid State of Illinois Pesticide Applicator or Operator License
- Successful completion of NWCG s130/s190 wildland fire training.

- D. On-Site Crew Foreman (Supervisor): The Natural Areas Contractor shall provide at least one foreman who will be present at all times during execution of the work. The foreman must speak fluent English and shall possess a minimum two (2) year degree or five (5) years of documented experience in natural resources, biology, or a related field. They shall have a minimum of three (3) years of documented field experience in ecological restoration.

Foreman must also demonstrate the following:

- Experience working on municipal government projects and an ability to communicate technical information clearly to the Contractor's crew, the Owner/Owner's Representative and community residents.
- Experience working on naturalized stormwater basin projects.
- Working knowledge and understanding of basic ecology and restoration principles.
- The skills to competently identify invasive and native species, including grasses, forbs, shrubs and trees during the dormant and growing seasons.
- Working knowledge of the latest most effective and selective methods/materials/herbicides for providing quality ecological restoration.
- Understanding of effective timing for successful target species herbicide application methods.
- Hold a current and valid State of Illinois Pesticide Applicator License.
- Successful completion of NWCG s130/s190 wildland fire training.
- Successful completion of OSHA 30 hour safety training
- Be current in CPR/First Aid

- E. Crew Members: Contractor's field staff shall demonstrate the following:

- Employed full-time directly by the submitting firm. Subcontractors, interns and seasonal employees are not acceptable crew members.
- Working knowledge and understanding of basic ecology and restoration principles.
- Working knowledge of the type and operation of equipment being used.
- The skills to competently identify most common invasive species.
- Hold a current and valid State of Illinois Pesticide Applicator or Operator License.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- Successful completion of OSHA 10 hour safety training
 - At least one (1) crew member, other than the Supervisor, shall be current in CPR/First Aid
- F. Burn Boss: The burn boss shall have met the requirements of Illinois Law and Regulations (17 Illinois Admin. Code 1565.70) and shall be recognized as a Certified Prescribed Burn Manager in compliance with the Illinois Prescribed Burning Act (525 ILCS 37); the certificate number and date of issue shall be provided on submitted resume. The burn boss must also demonstrate the following:
- Employed full-time directly by the submitting firm. Subcontractors, interns and seasonal employees are not acceptable.
 - Working knowledge and understanding of basic ecology and restoration principles.
 - A minimum of five (5) years conducting prescribed fire in the Midwest, in the fuel types present, and in projects of similar scope and size.
 - Documented experience writing burn plans and shall have led the execution of a minimum fifteen (15) prescribed fires.
 - Successful completion of the following National Wildfire Coordinating Group (NWCG) Wildland Fire Training Courses:
 - ◆ Intermediate Wildland fire Behavior (s290)
 - ◆ Basic Incident Command Systems (i100)
 - ◆ Fire Fighter Training (s130)
 - ◆ Wildland Fire Behavior (s190)
 - Successful completion of OSHA 30 hour safety training
 - Be current in CPR/First Aid
- G. Burn Crew: All burn crew members must also demonstrate the following:
- Employed full-time directly by the submitting firm. Subcontractors, interns and seasonal employees are not acceptable.
 - Working knowledge and understanding of basic ecology and restoration principles.
 - A minimum of one (1) year documented experience conducting prescribed fire.
 - Documented experience working the line of a minimum three (3) prescribed fires.
 - Successful completion of the following National Wildfire Coordinating Group (NWCG) Wildland Fire Training Courses:
 - ◆ Fire Fighter Training (s130)
 - ◆ Wildland Fire Behavior (s190)
 - ◆ or a Prescribed Fire Training Program approved by the IL Prescribed Fire Council
 - Successful completion of OSHA 10 hour safety training
 - At least one (1) crew member, other than the Burn Boss, shall be current in CPR/First Aid

1.04 COMMUNICATION

- A. The Natural Areas Contractor shall make the PM, foreman, and burn boss (or any other staff assigned the project) available for phone calls or meetings as requested by the Owner/Owner's Representative.
- B. The Natural Areas Contractor shall respond to questions or fulfill requests by the Owner/Owner's representative within twenty-four (24) hours unless an extension is granted in writing by the Owner/Owner's Representative. Contractors not responding within this timeframe will be considered unresponsive and corrective action may be taken, up to and including enacting the performance bond.

NATURAL AREAS ESTABLISHMENT PROVISIONS

1.05 PERMITS AND FEES

- A. Natural Areas Contractor shall obtain any necessary permits for the required work and pay any fees required for permits.

1.06 SAFETY

- A. Minimum crew size for any work on this project shall be two (2) crew members. Crew members shall have the ability to communicate with one another at all times (cell phones, two-way radios, etc.) and shall have the ability to communicate with emergency personnel.
- B. The Owner/Owner's Representative shall be notified at least twenty-four (24) hours before the start of any work.
- C. It shall be the responsibility of the Contractor to adhere to all safety regulations and guidelines of local jurisdictions, all applicable OSHA safety regulations and guidelines, as well as Federal Construction Safety and Health Standards while carrying out activities related to this project.
- D. In the event of pesticide spillage, fuel or other chemical spillage, any personal injury or death related to the project, or damage of any kind, the Owner/Owner's Representative shall be notified immediately.
- E. Any trails and/or roads within two-hundred (200) feet of the daily work area shall be posted with Caution-Work Area, Tree Work Ahead, or Construction Area signs to warn the public. Signs or pin flags shall be posted along trails, roads or other public access points upon application of herbicides. Signs on public roadways shall conform to all applicable DOT and local jurisdictional signage specifications.
- F. Appropriate caution shall be taken when work is performed near trails, utilities, and roads. This shall include the posting of look-out observers if there is the possibility of debris or brush from project activities landing in trail or road areas.
- G. Traffic: Conduct construction operations to ensure minimum interference with roads, streets, walks and other adjacent occupied or used facilities. Do not close or obstruct streets, walks or other occupied or used facilities without written permission from the Owner/Owner's Representative and other authorities having jurisdiction.
- H. The Contractor shall ensure that the following safety equipment is available at the project site at all times for personnel involved in this project:
 1. First Aid Kit
 2. Portable emergency eye wash station
 3. Chemical spill kit

1.07 ACCESS AND STAGING

- A. The Owner/Owner's Representative shall designate all access and staging points on the Plan(s) and/or in the field prior to work beginning. Whenever possible, access points shall be off paths and roadways to minimize potential damage to desirable vegetation.
- B. Any damage incurred during the project (e.g. pitting, rutting, compaction, erosion, etc.) shall be repaired immediately by the Natural Areas Contractor at no additional cost to the Owner. Areas shall be repaired to a finished state as determined by the Owner/Owner's Representative and may include, but is not limited to, re-grading, re-seeding/re-planting with appropriate species, and appropriate erosion control.
- C. When not in use, the Contractor's vehicles, equipment, materials and supplies shall be removed from the Owner's property and/or stored at staging points as identified on the Plan(s) and/or as directed in the field by the Owner/Owner's Representative. Designated staging points shall be located to limit the movement of equipment on site and for safety of the equipment. Prior to work beginning, designated staging points shall be agreed upon in

NATURAL AREAS ESTABLISHMENT PROVISIONS

writing by the Contractor. Any damage or theft of vehicles, equipment, materials and/or supplies during movement and storage shall be the responsibility of the Contractor.

- D. All equipment and personnel clothing shall be thoroughly washed prior to entering the work site. Prior to entering the work site equipment, personnel and materials shall be free of mud, dirt, stone, vegetation, seeds or seed parts, roots, and all other debris having the ability of transferring weeds or invasive species to the project site. Contractor's equipment and personnel shall be subject to inspection for the risk of such weed transfer by the Owner/Owner's Representative each day prior to commencing work.
- E. Fuels and herbicides shall be handled in OSHA/NIOSH approved containers only. Refueling of equipment performed on site shall be performed over a catch basin on a tarpaulin. Additionally, a chemical absorbent for spilled fuels and other chemicals must be kept at the project site by the Contractor throughout the duration of this project. Any spills shall immediately be reported to the Owner/Owner's Representative.

1.08 SUBMITTALS

- A. With Bid:
 - 1. Qualification Data: Submit statement of qualifications for the selected Natural Areas Contractor including name, address, phone number(s), business history, and a list of similar projects completed by selected Contractor with descriptions, references and photos that demonstrate capabilities and experience. Include a resume for the selected Natural Areas Contractor's Project Manager, Foreman, Burn Boss and Project Ecologist.
- B. After Award, Prior to Installation of seed/plants:
 - 1. Seed Supply Matrix: No later than sixty (60) days prior to the specified seeding timeframe, submit a completed seed supply matrix (Appendix E) for each seed mix to be installed and copies of the original seed test certificate for each seed lot referenced in the matrix. Upon receiving review comments by the Owner/Owner's Representative the Natural Areas Contractor shall have ten (10) business days to make revisions and re-submit a final Seed Supply Matrix addressing all items that do not meet specification and/or the approval of the Owner/Owner's Representative. Each seed supply matrix must be approved in writing by the Owner/Owner's Representative prior to seed inspection.
 - a. Seed testing certificates shall include the species being tested, unique lot number, date of testing, seed origin, % purity, % germination + % dormant (or %TZ test), % weed seed, and name of weeds.
 - 2. Plant Suppliers: Submit copies of the quotations from your native plant suppliers with name, address and phone number(s) that list: species by scientific name, quantities quoted and native origin.
 - 3. Inoculant Suppliers: Submit copies of the quotations from your inoculant suppliers with name, address and phone number(s) that list: species by scientific name, quantities quoted, test date, and test results.
 - 4. Erosion Control Blanket: Submit product information for proposed erosion control blanket applications, including proposed anchoring products & methods as specified herein.
 - 5. Clearing, Installation & Stewardship Schedule: Submit a proposed planting schedule to the Owner/Owner's Representative showing dates for clearing operations, each type of planting and proposed stewardship activities. Include proposed personnel, methods and equipment to be utilized for each task.

NATURAL AREAS ESTABLISHMENT PROVISIONS

6. Irrigation Plan: Submit a proposed watering or irrigation plan that outlines methods for maintaining plant/seed bed moisture as specified herein.
 7. Access & Staging Points: Contractor shall agree in writing to designated access and staging points prior to beginning work.
- C. Certifications:
1. Herbicide – Submit copies of current certificates for the State of Illinois pesticide applicators and operators working on this project.
 2. Prescribed Fire – Submit copies of the burn boss’s Prescribed Burn Manager Certification through the State of Illinois and training certifications required for all burn crew members.

1.09 BACKGROUND INFORMATION

- A. Review underground utility location maps and plans; Notify J.U.L.I.E.; demonstrate an awareness of utility locations; and certify acceptance of liability for the protection of utilities during course of work. Natural Areas Contractor shall be responsible for repairing any damage to utilities or property at no additional cost to the Owner.
- B. Review existing landscape and natural areas present at the project site. Natural Areas Contractor shall be responsible for repairing any damage to existing landscape features and/or existing natural areas that are not slated for removal/alteration as part of this project at no additional cost to the Owner, including but not limited to mitigation fees and/or fines for unauthorized wetland/floodplain impacts.
- C. It is the responsibility of the Natural Areas Contractor to locate, identify, and eradicate any species that may endanger the successful establishment and long-term health of the specified native plant communities within the project area/site. See Appendix-A for a list of common Exotic/Invasive Species.
- D. Because Natural Areas are dynamic systems that constantly change and adapt to current conditions, the stewardship plan must be flexible. This document shall be considered a starting point, a foundation on which the Natural Areas Contractor must build upon using practical experience and knowledge to achieve the specified intent.

PART 2 PRODUCTS

2.01 GENERAL

- A. See Appendix-B for approved Native Seed & Native Plant lists. In the event of any discrepancy between quantities listed in Appendix-B and the Plan Drawing showing the plants, the Plan Drawing shall govern.
- B. All materials, products or equipment described and specified herein are subject to inspection and approval by Owner/Owner’s Representative.
- C. Native trees, shrubs, vines, plugs and seed may be inspected by the Owner/Owner’s Representative at source of supply or the Owner/Owner’s Representative may require the Natural Areas Contractor to submit color photographs which illustrate the specified plant material at the source of supply.
- D. Materials, products and equipment shall be inspected by the Owner/Owner’s Representative at time of delivery to the project site. This inspection does not waive the right to reject any material or product after it has been installed.
- E. The specified species and quantities in this document may be modified by the Owner/Owner’s Representative as a result of site conditions and/or availability.

2.02 TOPSOIL

- A. ASTM D 5268, pH range of 6 to 7, minimum 5 percent organic material content, fertile, friable, free of stones ½ inch or larger in any dimension, roots, plants, sod, clods, clay lumps,

NATURAL AREAS ESTABLISHMENT PROVISIONS

pockets of coarse sand, construction debris, paint & concrete products, petroleum products and other extraneous materials harmful to plant growth; free of noxious weeds, invasive plants and their seed; free of nematodes, grubs, or other pests, pest eggs, or other undesirable organisms and disease-causing plant pathogens; friable and with sufficient structure to give good tilth and aerations. Continuous, air-filled pore space content on a volume/volume basis shall be at least 15 percent when moisture is present at field capacity.

- B. Whenever possible, topsoil for Natural Area operations shall be re-used from material stockpiled on site. Utilize soil-testing to verify suitability of on-site soil to produce topsoil meeting requirements and amend accordingly. If necessary, supplement and/or replace existing on-site soils with imported topsoil when quantities are insufficient. Imported topsoil shall be obtained from a local site where topsoil occurs at least 4 inches deep and mimics as closely as possible the project site's native soils; do not obtain topsoil from bogs or marshes.

2.03 FERTILIZERS AND SOIL AMENDMENTS

- A. The application of fertilizers and/or soil amendments shall be as specified in the Plan(s) or based upon approved soil testing results.
- B. Uniform in composition, dry, and free-flowing. Fertilizer which becomes caked or otherwise damaged making it not suitable for use will not be accepted.
- C. Inorganic Fertilizers and Soil Amendments – Based on recommendations of the soil analysis, the following amendments may or may not be required. If required, the following shall apply:
1. Aluminum Sulfate: Commercial grade, unadulterated.
 2. Gypsum: Agricultural grade, minimum 90 percent calcium sulfate, finely ground with 90 percent passing through No. 50 (0.30-mm) sieve.
 3. Iron Sulfate: Granulated ferrous sulfate containing a minimum of 20 percent iron and 10 percent sulfur.
 4. Lime: ASTM C 602, agricultural liming material containing a minimum of 80 percent calcium carbonate equivalent and as follows:
 5. Class: T, with a minimum of 99 percent passing through No. 8 (2.36-mm) sieve and a minimum of 75 percent passing through No. 60 (0.25-mm) sieve.
 6. Provide lime in form of ground dolomitic limestone.
 7. Monoammonium Phosphate (MAP) 11-52-0
 8. Perlite: Horticultural perlite, soil amendment grade.
 9. Sand: Clean, washed, FA2 (Course Sand) or as specified in the Plan(s) and free of toxic materials.
 10. Sulphate of Potash (SOP) 0-0-50
 11. Sulfur: Granular, biodegradable, containing a minimum of 90 percent sulfur, and with a minimum of 99 percent passing through No. 6 (3.35-mm) sieve and a maximum of 10 percent passing through No. 40 (0.425-mm) sieve.
- D. Organic Fertilizers and Soil Amendments – Based on recommendations of the soil analysis, the following amendments may or may not be required. If required, the following shall apply:
1. Compost: Compost shall be well decomposed, stable, weed free organic matter produced at a facility operating in compliance with, and permitted and regulated in the State of Illinois and meeting the requirements of the Illinois EPA standards for “general use compost” (analogous to part 503 regulations for Class A compost). The product will contain no substances toxic to plants and shall be reasonably free (< 1% by dry weight) of manmade foreign matter. The compost or soil amendment will possess no objectionable odors and shall not resemble the raw material from which it was derived. The product shall be certified through the U.S. Composting Council's

NATURAL AREAS ESTABLISHMENT PROVISIONS

(USCC) Seal of Testing Assurance (STA) program. Proof of registration and good standing within the program will be provided by the manufacturer of the product.

2. Composted Leaf Mulch: See "MULCH" section of this specification
 3. Manure: Well-rotted, unleached, stable or cattle manure containing not more than 25 percent by volume of straw, sawdust or other bedding materials; free of toxic substances, stones, sticks, soil, weed seed and material harmful to plant growth.
 4. Milogranite: Milogranite 6-2-0 Classic (4Fe) Slow-Release Organic Nitrogen fertilizer rich in Iron. Nutrients derived from biosolids.
 5. Mycorrhizal Inoculants:
 - a. Granular form of endomycorrhizal inoculum that are prepared for direct soil application.
 - b. Granular form of ectomycorrhizal inoculum that are prepared for direct soil application.
 - c. Rhizobial Inoculants: Solid, peat-based inoculants (granular or powder form) that are prepared for seed or direct soil application. Each legume species requires a specific species and strain of rhizobia inoculum.
 6. Peat: Domestic peat composed of not less than 90% of decomposed organic matter by weight on oven-dried basis. Peat shall be delivered in a workable condition, with uniform texture and free from lumps.
- E. With adequate documentation of efficacy and appropriateness, alternate fertilizers and/or soil amendments may be utilized only with written approval by the Owner/Owner's Representative.

2.04 SOURCES OF SUPPLY FOR NATIVE SEED & PLANT MATERIAL

- A. Native seed and herbaceous plants shall be purchased from sources specializing in native species. When available and economical, seed and herbaceous plant stock shall be obtained from sources within the same EPA Level III Ecoregion as the project site. If the specified species are not available from the same Ecoregion or are not economical to obtain, seed and herbaceous plants shall be obtained from an adjacent Ecoregion, preferably to the south, west, or east, but no further than 350 miles from the project site. Proposed nursery(s) shall be approved by the Owner/Owner's Representative prior to bidding. See Appendix-C for a list of pre-approved nurseries.
1. Sources of supply for native seed and herbaceous plants shall be a company with a minimum of five (5) years documented experience specializing in the lawful harvest, processing and shipping/storage of native species.
 - a. Seed supplier's facility shall have the capacity to maintain optimal conditions for seed viability and freshness, including but not limited to the ability to control temperature and humidity in each work area, from receiving through seed cleaning, processing, stock shelves and long-term storage.
 - b. Seed not grown by the vendor must be clearly indicated and accompanied by the name and address of the company which grew the seed.
- B. Proposed nursery(s) shall be approved by the Owner/Owner's Representative prior to commencing work.

2.05 NATIVE SEED

- A. Nomenclature: The names of plants required under this Contract conform to those given in the "Standardized Plant Names", 1942 Edition, prepared by the American Joint Committee on Horticultural Nomenclature. Names of varieties not included therein conform generally with names accepted in the nursery trade.

NATURAL AREAS ESTABLISHMENT PROVISIONS

B. Standards:

1. All seeds shall comply with the Federal Seed Act.
2. All seeds shall be of straight species, no horticultural varieties shall be acceptable.
3. Natural Areas Contractor shall provide a fresh clean crop of the specified seed species. All native seed supplied shall be from seed lots tested by a qualified seed testing laboratory, certificates for each lot of each species tested must be supplied to the Owner/Owner's Representative directly from the testing laboratory. Seed test results shall be dated no more than 12 months prior to the anticipated seed installation date.
4. All seeds shall be clean, of the highest quality and shall be processed appropriately for use in mechanized equipment. Native seed testing, packaging, and quality standards for this project shall be incidental to the contract and shall include:
 - a. All native seed shall be provided on a pure live seed (PLS) basis. Actual seed amounts used on the project will vary with the actual percent of PLS in the seed lot. Seed supplied to the site shall contain documentation of PLS testing and, if required, adjustment of the seed weights to provide 100% PLS standards. If rounding is required during PLS adjustment calculations, the adjustment shall always be rounded up. PLS adjustment must be based on seed test results dated no more than 12 months prior to the anticipated seed installation date. Minimum PLS percentage for any species shall be 70%.
 - b. Seed containing noxious weeds will not be accepted. Seed containing weed seed in excess of 0.5% will not be accepted.
 - c. "Bearded" forb species seed (Aster, Solidago, Liatris, etc.) shall be provided as defluffed/debearded seed. Legumes (Dalea, Lespedeza, Desmodium, etc.) shall be provided as de-hulled seed.
 - d. All species requiring scarification shall be appropriately processed prior to seed inspection.
 - e. When required, seed shall be appropriately stratified prior to installation. If the project has been designed for a Dormant seed installation using a "Stratification Seed Mix" and the Natural Areas Contractor misses the optimal installation timeframe, they shall artificially stratify any seed species identified as requiring stratification prior to installation at no additional cost to the Owner.
 - f. All seed shall be shipped in single species containers directly from the supplier and shall be inspected by the Owner/Owner's Representative prior to installation. Inspection requests shall be made in writing to the Owner/Owner's Representative a minimum of ten (10) business days prior to the proposed installation date. Once seed has been inspected and approved in writing by the Owner/Owner's Representative, individually packaged species shall be mixed at the time of planting by the Natural Areas Contractor. At no time shall seed species be mixed by the supplier unless approved in writing by the Owner/Owner's Representative.
 - g. All seed shall be furnished in sealed containers. Seed that has become wet (unless as a result of stratification), moldy, or otherwise damaged in transit or storage will not be acceptable.
 - h. Seed packaging shall be transparent (i.e. clear, re-sealable plastic bags) so that the seed is clearly visible for easy inspection of quality. In the event that

NATURAL AREAS ESTABLISHMENT PROVISIONS

the quantity of seed ordered will not fit in two (2) large clear re-sealable plastic bags the use of woven polypropylene bags will be permitted, however these bags will be cut open by the Natural Areas Contractor at the time of seed inspection. It will be the Natural Area Contractor's responsibility to re-seal the opened bags or transfer the seed to another re-sealable container (such as a plastic bin with lid) after inspection.

- i. Each package containing seed shall be legibly tagged as to supplier name & address, project name, seed mix name, species scientific name, species common name, lot number, specified quantity (adjusted for acreage), and PLS adjusted quantity (adjusted for acreage). Seed stock shall be true to species as specified and information provided on seed packaging shall correspond to the approved Seed Supply Matrix.
- j. All Native Seed mixes will be accompanied by a cover crop consisting of *Avena sativa* (Seed Oats) at a rate of twenty (20) pounds per acre with Spring planting or ReGreen™ (Wheat x Wheatgrass hybrid) cover crop at a rate of twenty (20) pounds per acre for Fall plantings. The cover crop shall be the only non-native species planted! The Owner/Owner's Representative may approve the deletion of the cover crop as a result of site conditions at a cost savings to the Owner.
- k. All Native Seed mixes specified above normal water level will be accompanied by a granular form of endomycorrhizal inoculum at a minimum rate of forty (40) pounds per acre and rhizobia inoculum for the appropriate plant species at rates recommended by the native plant nursery. Natural Areas Contractor shall provide proof that the Mycorrhizal inoculum utilized contains a majority of live spores.

2.06 NATIVE HERBACEOUS PLANTS

- A. Nomenclature: The names of plants required under this Contract conform to those given in the "Standardized Plant Names", 1942 Edition, prepared by the American Joint Committee on Horticultural Nomenclature. Names of varieties not included therein conform generally with names accepted in the nursery trade.
- B. Standards:
 - 1. All herbaceous plant materials, methods, etc. are to conform to the Standards of the American Association for Nursery Stock (ANSI Z60.1-2004). In the event there is a discrepancy between these standards and this Document, the most restrictive requirement shall govern.
 - 2. All herbaceous plants shall be of straight species, no horticultural varieties shall be acceptable unless otherwise specified.
 - 3. All herbaceous plants will be provided in single-form factor plug trays that are configured to grow plugs at least 2" in diameter by 4-1/2" deep (minimum 11.9 in³), unless otherwise noted in this document.
 - 4. Herbaceous plant containers shall be legibly tagged as to name and size of container and shall be true to species as specified in this document.
 - 5. All herbaceous plants shall be alive, healthy, hydrated, and in a vigorous growing condition at the time of delivery.
 - 6. All herbaceous plants will be inoculated with a broad-spectrum mycorrhizal fungi mix. All leguminous species must be inoculated with the proper strain of rhizobia inoculum as well.

NATURAL AREAS ESTABLISHMENT PROVISIONS

7. For ephemeral or other specific types of native species, Bare Root stock may be utilized upon written approval by the Owner/Owner's Representative.
 8. For emergent & aquatic native species, Bare Root stock may be utilized upon written approval by the Owner/Owner's Representative.
 9. To avoid frost damage and shock, plants utilized prior to May 31st shall be overwintered stock and shall not have been force grown under heated greenhouse conditions.
- C. Natural Areas Contractor shall provide written documentation to the Owner/Owner's Representative as to the source of supply, quantities, and species by scientific & common name of the herbaceous plants ordered prior to installation (e.g. supplier's invoice).

2.07 EROSION CONTROL

- A. Standard Erosion Control Blanket shall be:
1. Single Net Straw with natural fiber netting, such as:
 - a. S-75BN
North American Green
Evansville, IN 47725
PH: 800-772-2040
www.nagreen.com
-or approved substitution
 2. Double Net Straw with natural fiber netting, such as:
 - a. S-150BN
North American Green
Evansville, IN 47725
PH: 800-772-2040
www.nagreen.com
-or approved substitution
 3. Double Net Straw/Coconut with natural fiber netting, such as:
 - a. SC-150BN
North American Green
Evansville, IN 47725
PH: 800-772-2040
www.nagreen.com
-or approved substitution
- B. Heavier blanket may be required as part of the SWPPP, see SWPPP and engineering plans for additional blanket requirements.

2.08 HERBICIDE

- A. General requirements:
- B. All herbicide product labels must be strictly followed and shall supersede any of the information contained in this document.
- C. All herbicide use shall be in strict compliance with manufacturers label specifications, application rates, procedures, warning labels, and all applicable codes, standards, and best management practices.
- D. The Natural Areas Contractor shall have on site at all times the appropriate Materials Safety Data Sheets (MSDS) and labels for all substances utilized in the fulfillment of this project.
- E. Herbicide(s) shall contain 0.25% v/v surfactant. If selected herbicide does not contain surfactant, the Natural Areas Contractor shall add appropriate surfactant(s) at the specified rate of the manufacturer and in accordance with all applicable regulations.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- F. Herbicide(s) shall be mixed with water, oils, fuels, anti-foaming agents, and/or tackifiers in order to achieve the appropriate potency and/or to increase water resistance and persistence at the specified rate of the manufacturer and in accordance with all applicable regulations.
- G. All herbicide(s) shall contain colored dye, such as "The Turfmark", "Signal", or "Spimax" mixed at a ratio of one-ounce to one-gallon applied to herbaceous plant material or "Bas-oil" mixed at a ratio of four-ounces to five-gallons applied to woody plant material, to aid in identification of areas or objects that have received herbicide treatment.
 - 1. Dyes shall be eliminated from herbicides used directly adjacent to walkways or other high-visibility or sensitive structures that could potentially become stained by the dye.
- H. Natural Areas Contractor shall conduct herbicide applications so that over-application/overspray and volatilization is minimized or eliminated. Herbicide shall be applied to treat only those species targeted. Damage caused by mistreatment or over-application/overspray shall be quantified and calculated by the Owner/Owner's Representative and repaired by the Natural Areas Contractor at no cost to the Owner or adjacent Land Owners.
- I. No herbicide(s) shall be mixed or loaded on the project site unless approved in writing by the Owner/Owner's Representative.
- J. A supply of chemical absorbent shall be maintained at the project site. Any chemical spills shall be cleaned up and reported to the Owner/Owner's Representative immediately.
- K. Herbicide(s) shall not be applied within two (2) hours of anticipated precipitation or if heavy rains have resulted in an extremely wet soil or stump surface. Applications shall be postponed until the next expected dry two (2) hour period.
- L. Natural Areas Contractor shall not apply herbicide during periods of excessive wind.
- M. Only personnel who are a State of Illinois certified pesticide applicator or certified pesticide operator working under a certified pesticide applicator and is trained in plant identification shall perform the application of herbicides. All certifications must be current. The Contractor shall submit a copy of herbicide licenses for all applicators and operators to the Owner/Owner's Representative prior to beginning work on the project.
- N. Approved non-selective herbicides (Active Ingredient):
 - 1. Razor Pro or Equivalent (Glyphosate 41.0%)
 - 2. Aquaneat or Equivalent (Glyphosate 53.8%, Aquatic Labeled)
- O. Approved selective herbicides (Active Ingredient):
 - 1. Weeder 64 or Equivalent (2, 4-DAmine 46.8%)
 - 2. Agri Star or Equivalent (Clethodim 26.4%)
 - 3. Tahoe 3A or Equivalent (Triclopyr Amine 44.4%)
 - 4. Tahoe 4E or Equivalent (Triclopyr Ester 61.6%)
- P. With adequate documentation of efficacy and appropriateness, alternate herbicides may be utilized only with written approval by the Owner/Owner's Representative. Under no circumstances are persistent herbicides such as Atrazine to be used.

2.09 WATER

- A. Water shall be free of substances harmful to the growth of vegetation.

PART 3 BRUSH AND TREE CLEARING

3.01 PREPARATION

- A. Protection of Existing Trees and Vegetation: Protect existing trees and other vegetation indicated to remain in place against unnecessary cutting, breaking, skinning of roots, skinning

NATURAL AREAS ESTABLISHMENT PROVISIONS

or bruising of bark, smothering of trees by stockpiling construction materials within drip lines, excess foot or vehicular traffic, or parking of vehicles under tree drip lines. Provide temporary guards to protect trees and vegetation to be left standing, as indicated on the Plans.

- B. Locate, identify and protect utilities, survey benchmarks and control points, and existing structures from damage or displacement. Utilities to be abandoned or removed shall be disconnected and plugged or capped in accordance with the requirements of the utility company, involved agency, or the Owner/Owner's Representative. The Natural Areas Contractor shall immediately repair damage to utilities, survey benchmarks, control points, and existing structures at no cost to the Owner.

3.02 TREE PROTECTION

- A. Existing trees to remain (particularly "specimen" trees) within the construction area(s) shall be prepared for the stresses of clearing/construction operations by the Natural Areas Contractor prior to commencement of construction operations to ensure survival. Treatments/Methods of preparation are subject to approval by the Owner/Owner's Representative (e.g. deep root fertilization, trimming, or pruning).
- B. Prior to work beginning, erect and maintain temporary fencing around tree protection zones as determined by the Natural Areas Contractor. Remove fence when construction is complete.
 - 1. Do not store construction materials, debris, or excavated material within fenced area.
 - 2. Do not permit vehicles, equipment, or foot traffic within fenced area.
 - 3. Maintain fenced area free of weeds and trash.
 - 4. Do not excavate within tree protection zones, unless otherwise indicated and/or approved in writing by the Owner/Owner's Representative.
 - 5. Where excavation for new construction is required within tree protection zones, hand clear and excavate to minimize damage to root systems. Use narrow-tine spading forks, comb soil to expose roots, and cleanly cut roots as close to excavation as possible.
- C. Repair, replace, or monetarily compensate for trees and vegetation indicated to remain that are damaged by construction operations, in a manner approved by the Owner/Owner's Representative.
 - 1. If repairs are needed, the Owner/Owner's Representative shall employ an independent ISA Certified Arborist, licensed in the jurisdiction where the Project is located, to submit details of proposed repairs to the Contractor, and to repair damage to existing trees and shrubs at the Contractor's cost.

3.03 EXECUTION

- A. The Contractor shall exercise due care in their construction operations to prevent marring or scarring of species that are to remain and their associated root systems.
- B. If the Contractor finds any targeted specimen to be questionable as to whether it should remain or be removed, they shall contact the Owner/Owner's Representative immediately. The Owner/Owner's Representative shall visit the site and make the appropriate recommendation to the Contractor in writing.
- C. If the Contractor removes non-target species and/or target species that were marked to remain, the Owner/Owner's Representative shall hire a qualified individual or agency, at the Contractor's cost, to evaluate the monetary value of the downed species using standard practices of the trade. At the Owner's discretion, the Contractor shall compensate the Owner

NATURAL AREAS ESTABLISHMENT PROVISIONS

according to the evaluator's findings or shall replace the removed species at a ratio of two (2) inches DBH for each one (1) inch of DBH cut. All replacement plantings shall be of species as specified by the Owner/Owner's Representative and shall be guaranteed by the Contractor for one (1) year from the date of replacement.

- D. Methods of tree and brush removal shall be approved in writing by the Owner/Owner's Representative prior to work beginning. Standard tree and brush removal methodologies are defined as follows:
1. Mechanical Removal: Any cutting/removal of brush that includes any rubber-tired or track vehicle, tractor or similar implement mounted with mowing/cutting equipment. Examples of mechanical removal equipment include deck mowers, seppi, bush hog, forestry mowers or other similar equipment. Without exception, any mechanical removal of brush shall occur only under conditions of frozen soils so that absolutely no rutting/pitting or other damage to the existing soils occurs. Without exception, mechanical removal of brush shall not occur in wetlands under any circumstances.
 2. Hand Cutting: Any cutting of material that includes access to the clearing area on foot only. Chain saws, brush clearing saws, handsaws and loppers may be used. Upon written approval by the Owner/Owner's Representative, small walk behind mower-type brush cutters may be utilized provided that their use does not result in rutting or pitting of the soil while in operation.
 3. Basal Bark: Involves herbicide application directly to the trunk of the target species that are one inch or less at the base. Herbicides shall be applied with a backpack or handheld sprayer using low pressure and an adjustable solid cone, flat fan nozzle, or wick/sponge-type applicator. Apply herbicide directly to the tree trunk, around the entire circumference, at 6" above the soil until thoroughly wet near the ground plane, but not to the point of runoff. Basal bark application to excessively small stems (under 1 cm diameter at the base) shall be treated with a wick or sponge-type applicator. Apply during dormancy, except when snow or water prevents spraying to the ground plane.
 4. Frill: Approximately twelve (12) inches above the ground surface, cut the outer bark, approximately 1/2" into trunk penetrating the cambium layer, and fill cut with an appropriate herbicide solution so that the plant absorbs the active ingredient.
 5. Girdle: Approximately six (6) inches above the ground surface, cut the outer bark thru the cambium slightly into the trunk, making a circle all the way around the trunk. Make a second cut six (6) inches up the trunk and completely remove the bark between the two cuts.
- E. Use only hand cutting methods for grubbing inside drip lines of non-targeted species and/or targeted species indicated to remain.

3.04 SCOPE OF TARGET SPECIES REMOVAL

- A. The Natural Areas Contractor shall be responsible for positively identifying all woody species before they are removed.
- B. Target species to remain are shown on plans and/or have been field marked at the base of trunk in green spray paint and/or tagged with green ribbon.
- C. Target species that are six (6) inches DBH (Diameter at Breast Height) or larger and require complete removal shall be shown on the Plan(s) and have been field marked at breast height in red spray paint and/or tagged with red ribbon. The remaining unmarked target species six (6) inches DBH or larger shall be girdled or frilled:

NATURAL AREAS ESTABLISHMENT PROVISIONS

1. Frilling and Girdling is not permitted within seventy-five (75) feet of any fence, utility, utility line, road, trail, railroad line, parking lot, or other physical structure. In these instances, target species must be cut at the base and disposed of in accordance with this document.
- D. Target species that are less than six (6) inches DBH shall be cut at a height of no more than two (2) inches above the soil surface. Stems that are in submerged or seasonally flooded areas shall be cut at a height of four (4) inches above the water or ice surface. All stems shall be cut horizontally flat.
- E. All cut target species shall be treated with an herbicide mixture. After cutting down the target species apply herbicide, such as Garlon 4E in a 20-30% (or as stated on the product label) solution in basal oil, to the stump. *Lonicera* spp. shall be treated with RoundUp in a 50% solution, to the stump. Treat the cut area around the edge with herbicide so the cambium layer will take up the active ingredient. Herbicide shall be applied immediately after cutting.
- F. All herbicide applications shall be accomplished by utilizing wick or sponge-type applicators only. No herbicide applications shall be made with broadcast spray equipment unless approved in writing by the Owner/Owner's Representative.
- G. The Natural Areas Contractor shall demonstrate selective removal practices where target species are effectively eliminated and non-target species are left unharmed at all times. This includes areas where target and non-target species are intermingled.
- H. Removal goals for target species are as follows:
 1. Non-Native Species:
 - a. All Non-Native Species 100% Stem Reduction
 2. Native Species:
 - a. Boxelder (*Acer negundo*) 100% Stem Reduction
 - b. Mulberry species (*Morus alba*) 100% Stem Reduction
 - c. Callery Pear (*Pyrus calleryana*) 100% Stem Reduction
 - d. Buckthorn (*Rhamnus cathartica*) 100% Stem Reduction
 - e. Willow Species (*Salix* spp.) 100% Stem Reduction
 - f. Siberian Elm (*Ulmus pumila*) 100% Stem Reduction
 - g. Other As Determined On Site
 3. Target species stem reduction percentages shall be accomplished and assessed across the entire site. It is not allowable for the Natural Areas Contractor to remove 100% of a target species across 50% of the site in order to achieve a 50% Stem Reduction goal.

3.05 TREATMENT OF TARGET SPECIES RE-SPROUTS

- A. The Natural Areas Contractor shall conduct follow-up herbicide treatments to all re-sprouts, re-growth, or other remaining live plants of the target species and/or all non-native woody species during the growing season immediately following clearing operations.
- B. Follow-up herbicide treatments during the growing season may be applied with foliar application using an appropriate herbicide, such as Garlon 3A. Damage to surrounding vegetation due to re-sprout treatments shall be repaired by the Natural Areas Contractor at no additional cost to the Owner.
- C. Follow-up herbicide treatments during the dormant season may be applied with cut-stem and/or basal bark application using an appropriate herbicide, such as Garlon 4E. Damage to surrounding vegetation due to re-sprout treatments shall be repaired by the Natural Areas Contractor at no additional cost to the Owner.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- D. The Natural Areas Contractor shall initiate follow-up herbicide treatments when re-sprouts have reached a height of three to six (3-6) inches (approximately May 1st). The Contractor shall continue follow-up herbicide treatments until performance criteria have been achieved.

3.06 DISPOSAL

- A. All cuttings longer than two (2) feet in length and/or larger than one (1) inch in diameter shall be removed from the project site. Smaller cuttings and cutting debris that has been shredded or chipped by the use of hand-held mechanical equipment may be left on site to decompose or be consumed by prescribed fire (if applicable). Cuttings and cutting debris shall not be allowed to accumulate to a depth that will smother existing desirable native species, prevent existing desirable native species from emerging or prevent good seed-to-soil contact in newly seeded areas (approximately one-half inch maximum depth).
- B. The collection and stockpiling of cuttings, logs, stumps, root material, sod, rubbish, surface debris, or other materials shall not result in pitting, rutting or any other soil disturbances. Mechanized collection, transport, and stockpiling shall be permitted only under these conditions.
- C. Stockpiling areas shall be as shown on plans or shall be chosen by the Contractor using the following criteria:
1. Damage to high quality natural or cultural features shall not be allowed
 2. Ease of access
 3. Aesthetics (placement of piles shall not disrupt views from trails and roads)
- D. Stockpiling shall not be allowed in wetland areas
- E. Whenever possible, stockpiling shall occur in degraded areas
- F. Written approval of proposed stockpiling areas by the Owner/Owner's Representative
- G. Dispose of non-desirable cuttings, logs, stumps, root material, sod, rubbish, surface debris, or other material off of Owner's property in accordance with local jurisdiction. Contractor shall provide documentation to the Owner/Owner's Representative of disposal methods upon request.
- H. Disposal of cuttings and other materials shall be completed simultaneously with the initial selective target species removal and herbicide treatment(s).
- I. Alternate methods of disposal or use, such as cut & drop, cut & chip, burn piling, habitat enhancement, etc, may be utilized as specified in the Plan(s) or upon written approval from the Owner/Owner's Representative.

PART 4 NATIVE HERBACEOUS PLANTING

4.01 INSTALLATION TIMEFRAME

- A. NON-STRATIFICATION SEED MIXES:
1. Non-Stratification seed mixes are those consisting of 60% or more species by seed count that do not require cold moist stratification periods of 30 days or more.
 2. Optimal Installation Timeframe
 - a. Spring: March 1st – June 15th
 - b. Dormant: September 15th – October 31st
 3. Alternative Installation Timeframe
 4. November 1st – February 28th: Cover crops will not germinate during this seeding time and may be eliminated upon written authorization by the Owner/Owner's Representative at a cost saving to the Owner.
 5. June 15th – September 15th: Installation of native seed shall be suspended unless irrigation can be provided or unseasonably cool and wet conditions persist. Any annual forbs specified in the seed mixes may germinate during this time, however

NATURAL AREAS ESTABLISHMENT PROVISIONS

they may not have sufficient time to flower and set seed before fall senescence, essentially removing them from the plant community. If this seeding time is chosen, annual forbs shall be removed from the seed matrix and planted at a subsequent, more appropriate time as determined by the Owner/Owner's Representative.

- B. STRATIFICATION SEED MIXES:
1. Stratification seed mixes are those consisting of 60% or more species by seed count that require cold moist stratification periods of 30 days or more.
 2. Optimal Installation Timeframe
 - a. Dormant: November 1st – December 31st
 3. Alternative Installation Timeframe
 - a. March 1st – June 30th: Installation of native seed shall be suspended unless the Natural Areas Contractor can provide artificially stratified seed and consistent irrigation for 6-8 weeks as described herein.
 - b. Owner/Owner's Representative must be notified when the seed has entered refrigeration for artificial stratification and reserves the right to inspect said seed at any time throughout the stratification period.
- C. GRASS MONOCULTURE SEED MIXES:
1. Grass Monoculture seed mixes are typically comprised of warm season grass species requiring 60-70° soil temperatures to germinate.
 2. Optimal Installation Timeframe
 - a. June 1st – July 15th: Seeding during this period is required for germination and appropriate establishment, consistent irrigation shall be provided as described herein.
 3. Alternative Installation Timeframe
 - a. NO ALTERNATE SEEDING TIMES WILL BE ACCEPTABLE FOR NATIVE GRASS MONOCULTURES (Buffalo Grass Lawn, Transitional Buffer Seed Mix, Seed/Plug Hybrid Seed Mix, etc.). If seeding cannot be completed during the optimal seeding times, seeding areas shall be temporarily seeded until the next optimal seeding time at which time the Natural Areas Contractor shall prepare and seed the Native Grass
- D. HERBACEOUS PLANTS
1. Optimal Installation Timeframe
 - a. April 1st – May 31st (Overwintered stock only, see PRODUCTS)
 2. Alternative Installation Timeframe
 - a. June 1st –September 30th: Planting of herbaceous plants during this period can only be conducted if consistent irrigation is provided.
 - b. October 1st – March 31st: Planting of herbaceous plants during this period can only be conducted if the shrink-swell potential of the soil is low.
- E. Alternate seeding and herbaceous plant installation times must be approved in writing at the discretion of the Owner/Owner's Representative prior to planting.
- F. The approval of an alternate seeding and/or herbaceous plant installation time shall not relieve the Natural Areas Contractor from their performance obligations as outlined in the performance section of this document. All performance criteria shall be enforced.
- 4.02 DELIVERY, HANDLING, AND TEMPORARY STORAGE
- A. Seed containers are to be stored off the ground and indoors.
 - B. Seed packaging is to be protected from moisture and extreme heat. Seed shall be stored in a temperature controlled environment.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- C. On-site storage of seed and/or live plants shall be at the Natural Areas Contractor's own risk. Any damage incurred to plant or seed stock while stored on-site shall not relieve the Natural Areas Contractor from his/her responsibility for furnishing and installing all plant materials in strict accordance with this document.
- D. Live plants shall be protected from grazing animals (e.g. geese).
- E. Live plants may require regular watering and supplemental nutrition while in temporary storage. Consult the native plant nursery for recommendations. Natural Areas Contractor is to ensure that live plants are in a healthy, vigorous state upon installation.
- F. Protect live plants from frost.

4.03

LAYOUT

- A. All seeding and planting zones/locations shall be laid out and marked on the project site according to the plan by the Natural Areas Contractor. No seeds or plants shall be installed until the seeding and planting zones/locations has been approved in writing by the Owner/Owner's Representative.
- B. Wherever site conditions require it, the Owner/Owner's Representative reserves the right to adjust the limits of seeding/planting areas without adjusting total seed quantities at no additional cost to the Owner.

4.04

GRADED SITE PREPARATION

- A. The Natural Areas Contractor shall coordinate with the Grading Contractor to ensure proper handling within planting areas. A preconstruction meeting and at least one (1) meeting during construction shall be held in order to coordinate equipment movement within planting areas to avoid/reduce soil compaction and to review underground utility location maps and plans. This meeting shall be coordinated by the Construction Project Manager. The following tasks may be performed by the Grading Contractor with proper coordination; however it is the responsibility of the Natural Areas Contractor to ensure that the native planting areas are prepared according to this document.
- B. After the completion of subgrade preparation the Natural Areas Contractor shall rip or disc soil to a depth of four (4) inches within areas designated for native seed mixes. When conditions are such that, by reason of drought, frost, excessive moisture, or other factors satisfactory results are not likely to be obtained, the work will be suspended and shall resume only when conditions are appropriate. Undulation or irregularities in the surface that would interfere with the Natural Areas Contractor's operations or maintenance shall be leveled before the next operation.
- C. Spread topsoil to a minimum depth of 6" meeting thickness, grades and elevations shown on engineering plans after light rolling and natural settlement. When conditions are such that, by reason of drought, frost, excessive moisture, or other factors satisfactory results are not likely to be obtained, the work will be suspended and shall resume only when conditions are appropriate. Add specified soil amendments and mix thoroughly into upper four (4) inches of topsoil. Delay mixing fertilizer with topsoil if planting will not proceed within 72 hours of spreading. If required, mix lime with dry soil before mixing fertilizer.
- D. Spread approximately ½ the thickness of topsoil over loosened subgrade. Work into top of loosened subgrade to create a transition layer. Spread remainder of planning soil.
- E. Prior to beginning seeding/planting operations the Natural Areas Contractor shall:
 1. Confirm topsoil placement by the Grading Contractor within all planting zones.
 2. Request copies of soil test results for review. If soil test results are not available, Natural Areas Contractor shall conduct soil testing as per the products section of this

NATURAL AREAS ESTABLISHMENT PROVISIONS

document. If soils do not meet specification it shall be amended or replaced by the Natural Areas Contractor prior to beginning seeding/planting operations.

3. Confirm that the Grading Contractor has removed all foreign matter and/or soil clods larger than two (2) inches in any dimension within the areas to be seeded. Natural Areas Contractor shall be responsible for removing all foreign matter prior to beginning seeding/planting operations.
4. Check compaction of topsoil (0-6" depth) and normal subsoil depth (6-12" depth) utilizing a penetrometer with 3/4" tip:
 - a. Topsoil shall be loose, friable and measure less than 200 psi.
 - b. Subsoils shall be firm and measure less than 300 psi.
 - c. Natural Areas Contractor shall test for compaction in random locations throughout the planting area, at a minimum the number of testing locations shall be 0.1% of the planting area unless otherwise agreed to by the Owner/Owner's Representative (i.e. 5,000 square feet of planting areas would require a minimum of 5 testing locations).
 - d. Record compaction test locations utilizing a GPS unit and document the results of each test location. Submit compaction test data and compaction remediation plan to Owner/Owner's Representative for approval prior to planting.
- F. Natural Areas Contractor shall utilize equipment having low unit pressure ground contact within planting areas. They shall take precautions to ensure that equipment and vehicles do not damage the grading, utilities, structures, or existing trees and shrubs during planting operations. Any damage shall be repaired by the Natural Areas Contractor at no additional cost to the Owner.
- G. Non-native perennial species may require control with a low toxicity (2% mixture), non-persistent glyphosate based herbicide. Apply herbicides as needed after grading operations.
- H. Allow 10-14 days after spraying herbicides prior to cultivating for seed bed preparation. Check for weed growth. Reapply herbicide when the weeds are 2-3 inches tall. Wait 10 days and rake smooth, do not compact.

4.05 VEGETATED/NON-GRADED SITE PREPARATION

- A. Planting areas that contain solid stands of existing non-native/weedy herbaceous vegetation and are not to be disturbed by grading operations, or have been graded and now have established non-native/weedy herbaceous vegetation, shall be treated with applications of a Glyphosate herbicide resulting in a complete kill of all existing vegetation. Broadcast or "Boom" spraying of herbicide is acceptable under these conditions; precautions shall be taken to eliminate damage from overspray.
- B. Planting areas that contain existing desirable native herbaceous vegetation and are not to be disturbed by grading operations shall be treated with applications of an appropriate selective herbicide, resulting in a 99% kill (brown-out) of non-native/weedy herbaceous vegetation and the survival of existing desirable native herbaceous vegetation. Limited spot applications of herbicide shall be utilized if conservative native plant species within the planting are to be preserved.
- C. Planting areas that are heavily vegetated with persistent species such as Quackgrass (*Elymus repens*), Fescues (*Festuca* spp.), Reed Canary Grass (*Phalaris arundinacea*) or Canada Thistle (*Cirsium arvense*) often require two or more herbicide applications at 2-3 week intervals to kill resprouts and seedlings from the existing seed bank.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- D. Herbicide applications in or adjacent to shorelines or open water shall utilize an herbicide approved for aquatic use.
- E. Mowing, Raking and/or Prescribed Fire may be required to eliminate standing biomass prior to seeding, including leaf litter in Savanna or Woodland project areas. Conduct mowing, raking and/or Prescribed Fire as shown on the Plan(s) or as deemed necessary to achieve good seed-to-soil contact and to meet the performance criteria.
- F. Native Areas Contractor shall scarify the soil in order to prepare the site for good seed-to-soil contact. Scarification shall result in disruption of a minimum seventy five percent (75%) of the soil surface no greater than one-half inch (½”) deep. Scarification methods must be approved in writing by the Owner/Owner’s Representative prior to implementation.
- G. Native Areas Contractor shall not disc or roto-till the soils within vegetated planting areas prior to planting, unless the area(s) have been heavily trafficked/compacted or as otherwise directed by the Owner/Owner’s Representative. Whenever vegetated planting areas are disturbed, they shall be prepared for planting as per the “GRADED SITE PREPARATION” section of this specification.
- H. Natural Areas Contractor shall utilize equipment having low unit pressure ground contact within planting areas. They shall take precautions to ensure that equipment and vehicles do not damage the grading, utilities, structures, or existing trees and shrubs during planting operations. Any damage shall be repaired by the Natural Areas Contractor at no additional cost to the Owner.

4.06 INSTALLATION

- A. Following seedbed preparation, an application of soil amendments shall be completed within the following areas at the following application rates:

ALL SEEDING AREAS		
Product Description	Application Rate	Application Times
Gypsum	30#/1,000 s.f.	Prior to Seed Installation
Urea	2#/1,000 s.f.	Prior to Seed Installation
SOP (0-0-50)	4#/1,000 s.f.	Prior to seed installation
MAP (11-52-0)	5#/1,000 s.f.	Prior to seed installation

- B. Seed shall be drop-seeded by a rangeland type dropseeder designed to plant native grass and forb seed (such as the Trillion or Belco seeder). Unless otherwise approved in writing by the Owner/Owner’s Representative, seed shall be installed in two (2) separate runs where each application of seed shall overlap the previous application by one half (1/2) the weight to insure double coverage of seeded areas (example: seed in a north to south direction @ ten pounds per acre, then overlap by seeding in an east to west direction @ ten pounds per acre, resulting in a total coverage of twenty pounds per acre [twenty pounds per acre is an example only, see Appendix-B for actual project seeding rates].) Each planting run shall overlap by a minimum of six (6) inches. Some seed species require exposure to sunlight for germination, these species shall be planted separately, after dropseeding, utilizing the broadcasting method.
- C. If site conditions prohibit the use of mechanized seeding equipment, broadcasting of seed is acceptable on exposed soil only. If seed is broadcast, it shall be mixed with an equal amount of inert filter (such as sand, vermiculite, rice hulls, etc.) to enable an even distribution of seed. A mechanical broadcast seeder may also be utilized, such as Cyclone or Truax Seed Slinger. Seed shall be broadcast in three (3) separate applications:

NATURAL AREAS ESTABLISHMENT PROVISIONS

1. Broadcast half (1/2) of the specified native grass seed first. Drag the seeding area utilizing a rake or similar equipment, work native grass seed into the soil achieving a final planting depth between 0.25" (1/4") – 0.5" (1/2").
 2. Broadcast remaining native grass seed, cover crop and one-third (1/3) of the remaining seed mixture (sedges/rushes/forbs), reserving 100% of any species indicated as "surface sown" in Appendix-B. Lightly drag the seeding area utilizing a rake or similar equipment, working the native seed into the soil achieving a final planting depth between 0.0625" (1/16") – 0.25" (1/4").
 3. Broadcast remaining seed directly atop prepared seedbed. Do not drag or rake.
 4. Where site conditions allow it, roll broadcast seeded areas immediately after installation to ensure good seed-to-soil contact.
- D. Do not sow seed in areas where standing water is present, during adverse weather or when wind speeds exceed ten (10) miles per hour unless approved in writing by Owner/Owner's Representative.
- E. Hydroseeding of Native Seed is not acceptable. Hydromulch may be utilized as an erosion control method upon written approval by the Owner/Owner's Representative.
- F. The Natural Areas Contractor shall rake, roll or drag broadcast seeded areas perpendicular to the slope within 24 hours after seeding, or as soon as site conditions permit. The use of compaction wheels on the seed drill or cultipacker on the dropseeder is acceptable.
- G. Erosion control measures shall be implemented immediately upon seeding completion. The Owner/Owner's Representative may reduce erosion control requirements based on site conditions and/or planting.
1. All seeded areas on newly graded sites shall include the installation of a temporary erosion control blanket, unless otherwise stated on the Plan(s). Install erosion control blanket as per the manufacturer's recommendation or as shown on Plan(s), at a minimum the Natural Areas Contractor shall:
 - a. Apply blanket materials without stretching, allowing the blanket to lie smoothly but loosely on the soil surface.
 - b. Minimize walking directly on the seed or topsoil bed either before or after the blanket is applied.
 - c. Bury all upslope blanket ends a minimum of four (4) inches deep, staple at twelve (12) inch intervals and firmly tamp trench backfill after closing.
 - d. Restore all disturbed edges immediately following blanket installation utilizing the same seed mixes installed with the blanket, ensure seed becomes incorporated.
 2. All shorelines from a minimum of three (3) feet above normal water level (NWL) to a minimum of one (1) foot below NWL shall at a minimum include the installation of S-150 temporary erosion control blanket, heavier blankets may be required depending upon the application.
 3. All planting areas in direct contact with concentrated water flow (drainage ways, swale bottoms, streams, etc.) shall at a minimum include the installation of SC-150 temporary erosion control blanket, heavier blankets may be required depending upon the application.
 4. In addition to the installation of SC-150 temporary erosion control blanket, shorelines adjacent to consistently flowing water (streams, creeks, etc.) shall also be protected with coconut fiber erosion control logs as specified on Plan(s).

NATURAL AREAS ESTABLISHMENT PROVISIONS

5. Alternate blanket types may be required as part of the SWPPP, see SWPPP and engineering plans for additional blanket requirements. For any conflicts between this document and an existing SWPPP, the more restrictive document shall prevail.
- H. Herbaceous plant and bare root planting densities will vary according to project budget and project goals.
- I. Shorelines shall include planting within the “safety shelf” a minimum of three (3) live native plugs per linear foot of shoreline and shall be distributed from Normal Water Level (NWL) to two feet (2’) out from NWL.
- J. Herbaceous plants and bare root plants shall be installed in full or half flats, creating drifts or groupings of the same species rather than planting all species intermixed randomly across the site. Plant spacing within each grouping shall be eighteen inches (18”).
- K. Herbaceous plants and bare root plants shall be installed in holes drilled with an auger with the same diameter and depth as the herbaceous plant’s or bare root/tuber root massing (within $+.75''/- .25''$). In wetland & shoreline plantings where soil is soft and moist enough, a dibble bar or trowel may be used to create planting holes. Avoid severely damaging erosion control mat during plug planting operations.
- L. Insert herbaceous plants or bare root plants into hole so that the final position of the root crown following planting, soil settlement, and initial watering is slightly below the soil surface ($1/8 - 1/4$ inch). All crowns shall be covered with soil.
- M. Ensure that herbaceous plants and bare root plants are not loose after planting.
- N. Each herbaceous plant or bare root plant shall be flooded with approximately 200 ml of water after insertion into the ground, watering shall result in a saturated soil condition.
- O. Herbivory protection fencing shall be erected around all herbaceous plants that have been installed in areas where there is a potential for depredation. Install native herbaceous plants and herbivory protection fencing in 100’ – 200’ lengths, leaving 4-6’ wide openings between ends to allow access to the water for people and wildlife during the establishment period.
 1. Install steel T-posts @ twelve (12) feet on-center (maximum). Drive posts into the ground so that the enclosure will extend at least two (2) feet in height above the tops of installed herbaceous plants.
 2. Attach black UV stabilized poultry netting securely to the steel T-posts with plastic zip-ties.
 3. Attach nylon rope to the top of steel T-posts in a zigzag pattern to prevent aerial landings by waterfowl.
 4. Natural Areas Contractor shall disassemble and remove all waterfowl enclosures from the project site after two (2) complete growing seasons. The Owner/Owner’s Representative may request removal of the enclosure prior to the two (2) year term ending.
 5. Natural Areas Contractor shall maintain the enclosure in a functional and aesthetic condition. The Natural Areas Contractor shall make all required, reasonable repairs and/or replacements in a timely manner.
- P. **ALTERNATE** - Waterfowl enclosures shall be erected around all herbaceous plant “pods”. Install herbaceous plants and goose enclosure fencing in 10’ x 10’ pods, installed 30’ on center.
 1. Install steel T-posts @ ten (10) feet on-center (maximum). Drive posts into the ground so that the enclosure will extend at least two (2) feet in height above the tops of installed herbaceous plants.

NATURAL AREAS ESTABLISHMENT PROVISIONS

2. Attach black UV stabilized poultry netting securely to the steel T-posts with plastic zip-ties.
 3. Attach nylon rope to the top of steel T-posts in a zigzag pattern to prevent aerial landings by waterfowl.
 4. Natural Areas Contractor shall disassemble and remove all waterfowl enclosures from the project site after two (2) complete growing seasons. The Owner/Owner's Representative may request removal of the enclosure prior to the two (2) year term ending.
 5. Natural Areas Contractor shall maintain the enclosure in a functional and aesthetic condition. The Natural Areas Contractor shall make all required, reasonable repairs and/or replacements in a timely manner.
- Q. The Natural Areas Contractor shall be responsible for protecting shoreline & wetland plantings from predation and foot traffic. All reasonable efforts to prevent damage shall be made by the Natural Areas Contractor as incidental to natural areas management. This may include, but is not limited to the erection of temporary signage and barriers to limit foot traffic, professional trapping of nuisance wildlife, deploying wildlife deterrents, etc. Predation of plant material shall not relieve the Natural Areas Contractor from meeting the performance criteria, unless approved in writing by the Owner/Owner's Representative.

4.07 WATERING

- A. Natural Areas Contractor shall supply the Owner/Owner's Representative with a unit price to supply and apply water to all seeded and planted areas. Natural Areas Contractor shall also supply an estimate of coverage per unit to meet these specifications (i.e. 1 acre/hour).
- B. All seed types shall need ample moisture continuously to germinate and to develop into healthy seedlings. Normal rainfall shall be adequate moisture for germination and growth, however if drought conditions exist (typically less than .25" of water after two (2) weeks, or as indicated by the Drought Mitigation Center [drought.unl.edu/dm]) the Natural Areas Contractor may be directed by the Owner/Owner's Representative to maintain consistent moisture during periods of drought at the hourly rates supplied, gradually reducing waterings, depending on the climate and rainfall. Watering operations shall be conducted overnight or in the morning hours ending no later than 10:00 a.m., and each area shall receive water until there is a saturated soil condition. If planting operations are conducted in the fall, watering applications may need to be extended or delayed until spring. The Owner/Owner's Representative may opt to conduct watering at a cost savings to the Owner.
- C. Herbaceous plants shall need ample moisture continuously to develop into vigorous mature plants. The Natural Areas Contractor shall be responsible for maintaining consistent moisture for a minimum of 8 weeks after planting and then gradually reduce watering, depending on the climate and rainfall. Watering operations shall be conducted overnight or in the morning hours ending no later than 10:00 a.m., and each area shall receive water until there is a saturated soil condition. If planting operations are conducted in the fall, watering applications may need to be extended or delayed until spring. After the initial 6-8 week period, normal rainfall shall be adequate moisture for continued healthy growth. However if drought conditions exist (typically less than .25" of water after two (2) weeks, or as indicated by the Drought Mitigation Center [drought.unl.edu/dm]) the Natural Areas Contractor shall be responsible for maintaining consistent moisture for the remainder of the growing season or until drought conditions subside. The Owner/Owner's Representative may opt to conduct watering at a cost savings to the Owner.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- D. It is the Natural Areas Contractor's responsibility to monitor seeding and/or planting areas for signs of damage due to drought or dry soil conditions. If the Natural Areas Contractor believes a drought or dry soil condition exists that may impact the establishment of planted materials they must notify the Owner/Owner's Representative in writing immediately. Upon notification, the Owner/Owner's Representative shall work with the Natural Areas Contractor to evaluate the situation and, if necessary, devise and implement a watering plan. If the Natural Areas Contractor notifies the Owner/Owner's Representative after damage has occurred the Natural Areas Contractor shall re-plant the damaged area at no additional cost to the Owner.

4.08 CLEAN-UP

- A. During natural areas work, the Natural Areas Contractor shall store materials and equipment where directed by the Owner/Owner's Representative. Pavements shall be kept clean and work areas shall be kept in an orderly condition.
- B. The Natural Areas Contractor shall protect natural areas work and materials from damage due to landscape operations or operations by other trades and trespassers. Maintain protection during installation and maintenance periods. Treat, repair or replace damaged landscape work as directed by the Owner/Owner's Representative.
- C. Remove all debris from the site resulting from planting operations in accordance with site construction rules (e.g. LEED requirements) and/or local jurisdiction.

4.09 INTERIM STEWARDSHIP

- A. The Natural Areas Contractor shall conduct stewardship tasks as described herein until Substantial Completion, including mowing, herbicide applications and watering as necessary. Interim stewardship shall be a requirement of the contract regardless of the award of Alternate Bid #1.

PART 5 STEWARDSHIP

5.01 GENERAL

- A. Begin Natural areas management immediately upon Substantial Completion and continue for three (3) full growing seasons until Final Acceptance by the Owner/Owner's Representative. Management of installations that receive Substantial Completion prior to July 15th will be considered management of one full growing season. Installations receiving Substantial Completion after July 15th will require three (3) full growing seasons of management starting the year following installation.
- B. The Natural Areas Contractor shall keep a log of all restoration activities performed during contract period, installation through stewardship, and shall submit it to the Owner/Owner's Representative on a monthly basis.
- C. Chemicals used will have the lowest environmental impact for the task at hand. Organic or cultural practices will be used whenever practical.

5.02 NATURAL AREAS MOWING

- A. All mowing shall be conducted in accordance with all applicable codes and by personnel with appropriate training in safety and in the use of the machinery being utilized.
- B. REGULAR MOWING
1. Regular mowing shall be conducted with a conventional rotary mower, sickle type mower, or a flail type mower, however in order to reduce thatch, at no time shall more than six (6) inches (height) of vegetation be cut in a pass.
 2. If mowing results in excessive thatch being produced after mowing, the Contractor shall rake, collect and dispose of excessive cut vegetation off-site at no additional cost to the Owner.

NATURAL AREAS ESTABLISHMENT PROVISIONS

3. If mowing results in “knock-down” rather than severed vegetation, the Contractor shall re-mow all areas at no additional cost to the Owner, ensuring that vegetation is severed.
 4. On slopes that are too steep to mow, around structures (trees, fencing, buildings, etc.), and in areas that are too wet to mow, mowing shall be conducted with the use of a hand-held gas powered brush cutter or walk-behind brush cutter (such as Brush Hog, etc.) only.
 5. Damage caused to landscape material or other structures shall be repaired/replaced by the Natural Areas Contractor at no additional cost to the Owner.
- C. SPOT MOWING
1. Spot mowing shall be conducted with the use of a hand-held gas powered brush cutter and/or walk-behind brush cutters (such as Brush Hog, etc.) targeting areas containing a mix of weed species and mature/flowering desirable native species. Spot mowing shall be utilized to eliminate the reproduction of non-native and non-desirable native species by not allowing the dispersal of seed from those targeted species.
 2. Species targeted for spot mowing shall include removal of plant reproductive parts (e.g. flower stalks, un-developed seed heads, etc.). Spot mowing of perennial species shall be conducted in concert with, or shall be followed up with herbicide applications.
 3. Spot-mown vegetative materials shall be left on-site in a manner that will not allow regeneration or seed set of the mown species.
 4. Damage caused to landscape material or other structures shall be repaired/replaced by the Natural Areas Contractor at no additional cost to the Owner.
- D. MOWING TIMING
1. Mowing is a key aspect in achieving positive results. Mowing must be conducted by the Natural Areas Contractor on a consistent basis and must respond to seasonal weather. Vegetation shall be high-mown as follows:
 - a. First Growing Season: Kept under twelve (12) inches. A minimum of five (5) mowings will be required.
 - b. Second Growing Season: Areas with high annual/biennial weed content shall be kept under twenty-four (24) inches. Areas with scattered annual/biennial weed content and high desirable native content shall be spot mown, ensuring that non-native/weedy species are not allowed to develop viable seed.
 - c. Third Growing Season & Beyond: Spot mow and observe, if non-native/weedy species are dominant mowing shall continue as needed at the Second Year rate.
 2. Mowing shall commence during late May/early June and subsequently two-four weeks apart or any time a large number of weed species begin to flower. Mowing shall be conducted prior to weed species developing viable seed.
 3. It is the Native Landscape Contractor’s responsibility to monitor the site in order to determine when mowing is required. However, if the Owner/Owner’s Representative determines at any time that the project site requires mowing they will notify the Contractor in writing. No later than three (3) business days following notification, the Native Landscape Contractor shall conduct the requested mowing. If Contractor fails to mow the area in the allotted time, the Owner/Owner’s Representative may

NATURAL AREAS ESTABLISHMENT PROVISIONS

conduct the mowing as necessary and apply any associated fees as a deduct to the contract.

5.03 HERBICIDE APPLICATION

A. SPOT HERBICIDE APPLICATIONS

1. Small scattered populations or individual specimens of undesirable species shall be controlled with spot herbicide applications. Large scale colonization shall not be allowed. The following methods are appropriate:
 - a. Backpack Spray Treatments – Natural Areas Contractor shall utilize a 3-5 gallon backpack style sprayer, such as Solo, SP3, Field King or acceptable substitution.
 - b. Hand Wicking – In areas of high quality native vegetation where desirable species are directly adjacent to targeted plants, or where the growth habit of the target plant makes it impossible to avoid off-target damage, the appropriate herbicide shall be selectively hand wiped onto the target plant utilizing a sponge-wicking applicator or a saturated cloth glove.
2. Spot herbicide application areas will require supplemental seed and/or plants. Site preparation and planting after herbicide applications shall be as per the Native Herbaceous Planting section of this document.

5.04 BROADCAST HERBICIDE APPLICATIONS

- A. On larger sites where a broad-scale application is needed because large colonies of the target species have become established, broadcast applications by large tank-equipped spray-gun, all-terrain vehicle (ATV) or tractor may be utilized to treat undesirable species. The following methods are appropriate:
 1. Broad-Spectrum Herbicide Broadcast Application – This method utilizes a large tank-equipped spray-gun and/or an ATV or tractor equipped with a boom-sprayer to apply large amounts of glyphosate, which will result in complete kill of all vegetation.
 2. Selective Herbicide Broadcast Application – This method utilizes a large tank-equipped spray-gun and/or an ATV or tractor equipped with a boom-sprayer to apply large amounts of a selective herbicide, such as Clethodim, resulting in a complete kill of only those targeted species.
- B. A “large colony of target species” shall be defined as a target plant population whose aerial coverage is such that a broad-spectrum chemical can be broadcast without inflicting any damage to adjacent native vegetation.
- C. Broadcast herbicide application areas will require supplemental seed and/or plants. Site preparation and planting after herbicide applications shall be as per the Native Herbaceous Planting section of this document.

5.05 HERBICIDE APPLICATION TIMING

- A. Herbicide applications must be conducted by the Natural Areas Contractor on a consistent basis and must respond to seasonal weather and to the life-cycle of each target species. Non-native vegetation shall be herbicided as follows:
 1. A minimum of seven (7) herbicide applications will be required.
- B. As stated above, herbicide application timing must be flexible and respond to seasonal weather and to the life-cycle of each target species, however at a minimum the following schedule shall be followed for the first three (3) years:

NATURAL AREAS ESTABLISHMENT PROVISIONS

Target Species	Approved Herbicide	Initial Herbicide Application	Follow-up Herbicide Application (if necessary)**
Wild Parsnip (<i>Pastinaca sativa</i>)	2, 4-D Anamine*	March 1st – May 31st	August 1st – October 31st
Reed Canary Grass (<i>Phalaris arundinacea</i>)	Sethoxydim*, Aquatic Glyphosate	April 1st – May 31st	October 1st – Dormancy/Frost
Teasel Species (<i>Dipsacus</i> spp.)	Triclopyr 3a*, Glyphosate	April 1st – May 31st	October 1st – Dormancy/Frost
Sweet Clover Species (<i>Melilotus</i> spp.)	2, 4-D*, Clopyralid	April 1st – May 31st	Use Clopyralid as needed throughout growing season
Cattail Species (<i>Typha</i> spp.)	Aquatic Imazapyr	July 1st – August 1st	August 1st – September 1st
Purple Loosestrife (<i>Lythrum salicaria</i>)	Triclopyr 3a*, Aquatic Glyphosate	May 15th – July 15th	July 15th – August 15th
Non-native Thistle Species (<i>Carduus</i> , <i>Cirsium</i> , & <i>Onopordum</i> spp.)	Clopyralid	May 15th – July 15th	July 15th – August 15th
Bird’s Foot Trefoil (<i>Lotus corniculatus</i>)	Triclopyr 3a	May 15th – July 15th	July 15th – August 15th
Crown Vetch (<i>Coronilla varia</i>)	Triclopyr 3a	May 15th – July 15th	July 15th – August 15th
Common Reed (<i>Phragmites australis</i>)	Aquatic Imazapyr	August 1st – September 1st	September 1st – September 30th
Honeysuckle Species (<i>Lonicera</i> spp.)	Triclopyr 3a (Foliar Application)	May 15th – July 15th	July 15th – August 15th
	Glyphosate (Cut-Stump/Basal Bark Application)	November 15th – March 15th (During Dormancy)	Follow-up should be Foliar
Other Woody Species (includes <i>Rhamnus</i> spp.)	Triclopyr 3a (Foliar Application)	May 15th – July 15th	July 15th – August 15th
	Triclopyr 4e (Cut-Stump/Basal Bark Application)	November 15th – March 15th (During Dormancy)	Follow-up should be Foliar

*Herbicide preferred when selectivity is needed and hydrology is appropriate.

**Do not allow species to produce and/or disperse viable seed in between treatment times.

5.06 HAND WEEDING

- A. In the event that herbicide applications cannot, or should not, be performed due to social, cultural, environmental, or other verified reasons, target weed species shall be removed by hand.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- B. Species targeted for complete hand weeding shall include removal of all plant parts from the soil, including the above ground growth and all roots or rhizomes present in the ground.
- C. Species targeted for partial hand weeding shall include removal of plant reproductive parts (e.g. seed heads). Partial hand weeding shall be conducted in concert with, or shall be followed up with herbicide applications.
- D. Removed vegetative materials shall be discarded off-site or left on-site in a manner that will not allow regeneration or seed set of the removed species. Transportation of removed vegetative materials shall meet Department of Agriculture standards/requirements. Hand weeding shall never result in excessive soil disturbance. Due to the public nature of this site the Owner/Owner's Representative reserves the right to direct the Contractor to collect and discard all hand-pulled vegetation.

5.07 TREATMENT OF WOODY SPECIES

- A. The Natural Areas Contractor shall conduct woody species herbicide treatments to all re-sprouts, re-growth, or other remaining live plants of all non-native or aggressive native woody species throughout stewardship operations until performance criteria have been achieved. (See Appendix-A).
- B. Woody species treatment methods during the growing season may be a foliar application using an appropriate herbicide, such as Garlon 3A. Damage to surrounding vegetation due to re-sprout treatments shall be repaired by the Natural Areas Contractor.
- C. Woody species herbicide treatments during the dormant season may be applied with cut-stem and/or basal bark application using an appropriate herbicide, such as Garlon 4E. Damage to surrounding vegetation due to re-sprout treatments shall be repaired by the Natural Areas Contractor.
 - 1. Hand Cutting/Cut-Stump Treatment: Chain saws, brush clearing saws, handsaws and loppers may be used. Upon written approval by the Owner/Owner's Representative, small walk behind mower-type brush cutters may be utilized provided that their use does not result in rutting or pitting of the soil while in operation.
 - a. Cut woody target species shall be treated with an herbicide mixture. After cutting down the target species apply herbicide, such as Garlon 4E in a 20-30% (or as stated on the product label) solution in basal oil, to the stump. Lonicera spp. shall be treated with RoundUp in a 25-50% solution, to the stump. Treat the cut area around the edge with herbicide so the cambium layer will take up the active ingredient. Herbicide shall be applied immediately after cutting.
 - 2. Basal Bark: Involves herbicide application directly to the trunk of the woody target species that are one inch or less at the base. Apply herbicide directly to the tree trunk, around the entire circumference, at 6" above the soil until thoroughly wet near the ground plane, but not to the point of runoff. Apply during dormancy, except when snow or water prevents spraying to the ground plane. Optimal results are achieved when applications are made to young stems which have not developed the thicker bark characteristic of slower growing older trees.
- D. Wherever possible herbicide applications shall be accomplished by utilizing wick or sponge-type applicators.
- E. Disposal of cuttings and other materials shall be completed simultaneously with the initial woody species herbicide treatment(s).

NATURAL AREAS ESTABLISHMENT PROVISIONS

- F. All cuttings longer than two (2) feet in length and/or larger than one (1) inch in diameter shall be removed from the project site. Smaller cuttings and cutting debris that has been shredded or chipped by the use of hand-held mechanical equipment may be left on site to decompose or be consumed by prescribed fire (if applicable). Cuttings and cutting debris shall not be allowed to accumulate to a depth that will smother existing desirable native species, prevent existing desirable native species from emerging or prevent good seed-to-soil contact in newly seeded areas (approximately one-half inch (1/2”) maximum depth).

5.08 OVERSEEDING AND RE-PLANTING

- A. Overseeding or re-planting in areas of herbicide application and/or in under-performing areas will be necessary for compliance with the performance section of this document at no additional cost to the Owner.
- B. See Native Herbaceous Planting section. Site preparation and planting after herbicide applications shall be as per the Native Herbaceous Planting section of this document.

5.09 STEWARDSHIP SCHEDULE

- A. The recommended stewardship schedule is summarized in the table below. The table indicates what activities are likely to be necessary in a given month; the table is not meant to require that the activity must be conducted. Actual stewardship scheduling will be site driven.
- B. As stated above, a stewardship plan must be flexible, however at a minimum the following schedule* shall be followed for the first three (3) years**:

Month	Visits by Crew	Herbicide	Brush Clearing	Mow	Collect & Disperse	Burn Prep	Burn**
April	0-1	X	X			X	X
May	1-2	X	X	X	X	X	X
June	1-2	X		X	X		
July	1-2	X		X			
August	1-2	X		X			
September	0-1	X		X			
October	1-2	X	X	X	X	X	
November	0-1	X	X		X	X	X
December - March	0-1	X	X		X	X	X

*This schedule should be considered a guideline and may be varied from to react to current site Conditions.

**In newly planted natural areas, the execution of a prescribed fire may not be possible until the second or third growing season.

PART 6 PRESCRIBED FIRE

6.01 PRIORITIES

- A. To restore fire to its natural role and to reduce hazardous fuels through the application of prescribed fire. The Owner/Owner’s Representative and Natural Areas Contractor shall strategically focus activities by placing priority on:
- B. Areas where actions will mitigate threats to the safety of employees and the public (SAFETY FIRST!).
- C. Areas where actions will protect, enhance, restore and/or maintain plant and animal communities that are critical for endangered, threatened, or sensitive plant and animal species.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- D. Areas where actions will suppress invasive species and recycle valuable nutrients into the native soil matrix.
- E. Areas that will reduce the risks of wildfire. This includes the reintroduction of fire into fire-dependent ecosystems to maintain and enhance those ecosystems and the modification of vegetation to achieve specific land management objectives.

6.02 GUIDING PRINCIPALS

- A. The following guiding principles are fundamental to the success of the Owner/Owner's Representative's Prescribed Fire and Fuels Management Program.
- B. Fire crew and public safety is the first priority in every prescribed fire and fuels management activity.
- C. Only qualified and experienced personnel using safe working standards and guidelines will participate in the implementation of prescribed fire and fuels management projects.
- D. Whenever possible, the role of prescribed fire as an essential ecological process and natural change agent will be incorporated into the land use planning process and the fire management program.
- E. Develop an education plan and an education strategy with internal and external audiences to increase awareness of, and the need for, prescribed fire and other fuels management.
- F. Encourage research, monitoring and program development to advance the understanding of fire science.

6.03 PERSONNEL/TRAINING

- A. It is required that the National Wildfire Coordinating Group (NWCG) standards be followed for this prescribed fire.
- B. It is required to have highly trained and experienced employees working on a prescribed fire. The Natural Areas Contractor must meet the requirements under the "Contractor Qualifications" section of this document; documentation of fully trained and experienced personnel shall be submitted to the Owner/Owner's Representative at the time of bidding.
- C. Refresher courses for NWCG levels are required annually. To maintain certification individuals need to have completed the s130/s190 courses (once), pass at least a moderate level pack test (carry forty-five pounds [45 lbs.] three [3] miles in forty-five [45] minutes), and attend a yearly one-day refresher course; documentation that certification maintenance training for all proposed burn crew members has been completed shall be submitted to the Owner/Owner's Representative at the time of bidding. Refresher courses for other NWCG positions vary.

6.04 EQUIPMENT

- A. The Natural Areas Contractor shall have in their possession at the time of bidding the following equipment:
 1. Two Type 6 Engines
 2. Two Type 7, 6 Wheel Drive ATV Engines
 3. One 500 Gallon Water Tender
 4. One Fire Pump capable of delivering sufficient water pressure at 1000 feet to suppress an escaped fire
 5. 1000 feet of collapsible 1" fire hose with nozzles
 6. Two-way radios for all personnel involved in the fire, whether on the line or not
 7. All necessary personal protective equipment for all personnel to meet NWCG guidelines

6.05 INSURANCE

NATURAL AREAS ESTABLISHMENT PROVISIONS

- A. "A" insurance rating with coverage for at least \$5,000,000.00 (five million) dollars of general liability insurance and excess general liability for "Prescribed Fire Operations" with a minimum \$2,000,000.00 (two million) per occurrence limit.
- B. The Natural Areas Contractor shall provide the Owner/Owner's Representative with a certificate of insurance and name them as additional insured.
- C. The Natural Areas Contractor shall list prescribed fire on the certificate as the activity covered.

6.06 PERSONAL PROTECTIVE EQUIPMENT (PPE)

- A. It is required that all fire personnel wear/carry the following:
 1. Nomex clothing (shirt and pants)
 2. Nomex face and neck protection
 3. 8" high top leather boots with 1" logging heels
 4. Leather gloves
 5. Fire rated hardhat
 6. Faceshield
 7. Safety glasses
 8. Cigarette lighter or matches
 9. Compass
 10. Pre-tested, fully charged two-way radio with radio harness
 11. Canteen (2 each) filled with water
 12. Food, such as granola bars or other snacks
 13. Burn unit map
 14. All underclothing of natural fiber – The danger of wearing polyester or other synthetic materials should be emphasized with anyone attending a burn.
- B. For prescribed fires where the Safety Zone cannot be reached in 15 seconds, all personnel shall carry a fire shelter (for protection from flames and superheated gasses in the event of entrapment) and fuseses (as a means to light a separate fire in order to burn out a safety zone ahead of the threatening fire front). A fussee shall not be considered an alternative to a fire shelter.
- C. In addition to the equipment listed above, a fully stocked first aid kit shall be readily available to all burn crew members.
- D. In addition to the equipment listed above, Burn Bosses shall carry a fully charged, fully operational cellular phone.
- E. In addition to the equipment listed above, Crew Bosses (or their qualified designee on the crew) shall carry a fully functional weather kit.

6.07 ROADSIDE VISIBILITY MATERIALS

- A. Roadside visibility materials are essential if the fire is near a roadway. Natural Areas Contractor shall provide and install temporary warning signage along all roadways bordering the burn unit. Warning signage shall be visible by road traffic and shall display the Natural Areas Contractor's contact information. All signage on public roadways shall conform to all applicable local and Illinois DOT signage specifications.
- B. All fire personnel participating in a prescribed fire within close proximity of a roadway shall wear appropriate reflective work vests.

6.08 FIRELINE TOOLS

- A. Every fire crew member shall have one hand tool in their possession at all times while on or near the fire line. The tools needed for a safe prescribed fire will vary with each fire and should be specified in the burn plan. Recommended tools:

NATURAL AREAS ESTABLISHMENT PROVISIONS

1. Drip Torch
2. Flappers
3. Pulaski
4. McLeod
5. Leaf Rakes
6. Fire Rakes
7. Backpack pumps

6.09 BURN PLAN

- A. The Natural Areas Contractor shall complete and submit a burn plan for approval by the Owner/Owner's Representative and local officials prior to burning. It is required that burn plans are written/reviewed and approved by the burn boss.
- B. The burn plan shall be prepared in accordance with the Illinois Prescribed Burning Act (525 ILCS 37).

6.10 EXECUTION

- A. The prescribed fire shall be executed in accordance with the burn plan.
- B. The prescribed fire shall achieve the goals as stated in the burn plan.
- C. The Natural Areas Contractor shall mop up all burning material to 100% black after the main fire has passed. There shall be no burning materials when the Natural Areas Contractor leaves the site.
- D. The Natural Areas Contractor shall be available to return to the site within 2 hours following mop up operations to extinguish burning materials. The person selected to return to the site must have access to all crew members in the event that they must be re-deployed to the project site.

PART 7 NATURAL AREAS MONITORING AND REPORTING (BY OTHERS)

7.01 MONITORING

- A. Biannual monitoring shall occur in the time periods of May/June & September/October and shall be conducted until final acceptance. Monitoring activities shall be conducted annually thereafter under separate Contract. Owner/Owner's Representative reserves the right to review and select monitoring contractors based upon the best interest of the project and the Owner.
- B. Baseline Data
 1. Baseline data for established sites or remnant areas will include a meander survey prior to restoration or stewardship activities.
 2. For newly planted areas without existing baseline data a meander survey shall be conducted during the first growing season as described herein. The resulting data collected shall be considered as baseline.
- C. Meander Survey
 1. The initial post-planting meander survey shall begin at the end of the first full growing season after planting. For instance, if the planting is installed in April, monitoring shall begin in September or October of that same year. If the planting is installed in October, monitoring shall begin in September or October of the following year.
 2. Meander each plant community so that at least twenty percent (20%) of the planted area is included in the survey. The Owner/Owner's Representative may require separate meander surveys for each planting area at no additional cost to the Owner.
 3. Record every species that is observed, including native, non-native, woody, herbaceous, etc.

NATURAL AREAS ESTABLISHMENT PROVISIONS

4. Make qualitative observations such as species composition and distribution, herbivory, presence of weedy species, erosion problems, etc.
- D. Live Plant Material Assessment
 1. Herbaceous perennial plant material shall be inspected to ensure that it will meet the performance criteria.
 - a. At least twenty-five percent (25%) of each planted area of live perennials shall be evaluated to estimate the percent survival of the installed plants.
- E. Data Entry
 1. Data collected from the Meander Survey shall be entered into the Floristic Quality Assessment (FQA) computer program (Masters 1996) or equivalent and shall utilize the most current and relevant database available.
- F. Photographic Documentation
 1. Representative photographs of the stewardship area(s) shall be collected to document site conditions and progress. Photographs shall be collected using the following methods:
 - a. General
 - 1) Photos shall be taken in the same manner during each visit. Photos shall be in digital format at the highest megapixel setting (minimum 7 megapixel) setting that the camera will allow. The photos shall be taken at eye level at the widest angle a standard point-and-shoot camera will allow.
 - 2) Photos shall be legible. Whenever possible, photos shall be taken so that the photographer is not facing directly into the sun.
 - b. Permanent Photo Points
 - 1) Photo points shall be physically field marked in a permanent manner on the ground, either through the use of T-Posts or Rebar. Each photo point shall be recorded using a GPS device. Photo points shall be sufficiently marked so they can be easily found in the field with or without the use of a GPS device.
 - 2) A minimum of three photo points shall be set up per acre, per planting zone, or as directed by the Owner/Owner's Representative.
 - 3) Photos shall be taken with the photographer's back against the post in each of the four cardinal directions: North, South, East, and West.

7.02 REPORTING

- A. Annual Monitoring Reports shall be submitted to the Owner and Owner's Representative in duplicate by February 15th, or by the date required by the permitting agency.
- B. At a minimum, Annual Monitoring Reports shall include the following information:
 1. Introduction
 2. Site history leading up to the current project.
 3. Site description, including a street address (if applicable), County, Section, Township, and Range.
 4. A site location map.
 5. Permit numbers & Department/County of issue (if applicable).
 6. Methods
 7. Summarize the methods used for monitoring, include the survey dates.
 8. Results
 9. Floristic Quality Assessment Data for the Baseline Survey.

NATURAL AREAS ESTABLISHMENT PROVISIONS

10. Floristic Quality Assessment Data for the Meander Survey:
 - a. Native Mean Coefficient of Conservatism Value (C).
 - b. Native Floristic Quality Index (FQI).
 - c. Native Wetness Coefficient (W).
 - d. A comparison table that lists previous years' data with current year's data.
11. Live Plant Material:
 - a. Report on the condition of any native herbaceous live plant material installation areas. Document survivability.
12. Discussion
 - a. Discuss in detail the work performed as part of on-going stewardship during the previous calendar year.
 - b. Compare the current year's data with data from the previous year(s).
 - c. Compare current year's results against the performance criteria.
 - d. Describe any deficiencies in the current year's stewardship activities that are hindering the sites ability to meet the performance criteria and propose detailed corrective actions.
 - e. Discuss in detail the stewardship activities that will occur in the upcoming year.
13. Appendices
 - a. Species lists for installation and/or enhancement seeding/planting.
 - b. Site Photographs.
 - c. Floristic Quality Assessment data tables.
 - d. Original planting plan and species lists
 - e. Site plan that graphically delineates deficiencies and locates any recommended remediation items.

PART 8 NATURAL AREAS PERFORMANCE

8.01 MINIMUM PERFORMANCE CRITERIA – NATIVE HERBACEOUS PLANTING

- A. General:
 1. Final determinations of species dominance, richness, coverage and/or distribution are subject to verification by Owner/Owner's Representative.
 2. Final determinations of plant vigor are subject to verification by Owner/Owner's Representative.
- B. Throughout stewardship activities:
 1. Zero (0) aggressive native species, non-native species, nor invasive species shall be allowed to become established on the site and/or be allowed to colonize.
 2. With the exception of planted cover crops, none of the top five (5) dominant species within any planting area shall be aggressive native, non-native or invasive species (See Appendix A). Dominance shall be determined by ocular assessment using meander methodology.
- C. Within three (3) months of seed installation or by June 1st of the following year if seed installation is completed in the fall:
 1. Total vegetative aerial cover in all areas seeded with cover crop shall be greater to or equal than seventy-five percent (75%) as measured using meander methodology.
- D. By the end of the first (1st) growing season, in addition to fulfilling the above:
 1. Native Seed Planting Areas:
 - a. Total vegetative aerial cover in all Native Seed areas shall be greater to or equal to ninety percent (90%) as measured using meander methodology.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- b. Twenty-five percent (25%) of the Native Seed species installed within each plant community shall be alive and apparent. This standard does not apply to emergent communities.
 - 2. Native Herbaceous Planting Areas:
 - a. No less than ninety percent (90%) of any native herbaceous plant material installed shall be alive and in vigorous condition, this standard shall apply to each planting area where native herbaceous plants are installed. If less than ninety percent (90%) of any native herbaceous plant material installed survive the first full growing season, the plants shall be replaced so that the ninety percent (90%) criteria is achieved within each applicable planting area.
- E. By the end of the second (2nd) growing season, in addition to fulfilling the above:
 - 1. Native Seed Planting Areas:
 - a. Fifty percent (50%) of the Native Seed species installed within each plant community shall be alive and apparent. This standard does not apply to emergent or streamside communities.
 - b. Native vegetative aerial cover within Native Seed planting areas shall be at least forty percent (40%) as measured using meander methodology.
 - 2. Native Herbaceous Planting Areas:
 - a. Eighty percent (80%) of the native herbaceous plant species installed within each plant community shall be alive and apparent.
 - b. Native vegetative aerial cover within native herbaceous planting areas shall be at least twenty-five percent (25%) as measured using meander methodology.
- F. By the end of the third (3rd) growing season, in addition to fulfilling the above:
 - 1. General:
 - a. Based on the results of the meander survey, the Native Mean C-Value and the Native FQI shall increase each successive year after planting.
 - b. There shall be no area(s) greater than 0.25 m² that is devoid of vegetation. This standard does not apply to emergent, deep emergent, floating aquatic or streamside communities.
 - c. There shall be no rills, gullies or other evidence of significant or on-going erosion or areas of high erosion potential present throughout the project area.
 - 2. Native vegetative aerial cover within Native Seed planting areas shall be at least eighty-five percent (85%) as measured using meander methodology.
 - 3. Native vegetative aerial cover within shoreline plant communities shall be at least sixty percent (60%) as measured using meander methodology.
 - 4. To ensure species richness at the local level, any given square meter (1.0 m²) within Native Seed planting areas shall contain a minimum of three (3) different acceptable species and shall include at least one (1) species seeded as specified.
 - 5. The following standards shall be achieved for each plant community:
 - a. Transitional Buffer – N/A
 - b. Supplemental Shade – N/A
 - c. Low Profile Prairie
 - 1) Total FQI – 21.0
 - 2) Total Mean C Value – 2.6

NATURAL AREAS ESTABLISHMENT PROVISIONS

- 3) Native FQI – 28.0
- 4) Native Mean C Value – 3.5
- d. Wet-Mesic Prairie
 - 1) Total FQI – 19.0
 - 2) Total Mean C Value – 2.0
 - 3) Native FQI – 25.0
 - 4) Native Mean C Value – 3.5
- e. Shoreline
 - 1) Total FQI – 19.0
 - 2) Total Mean C Value – 2.2
 - 3) Native FQI – 25.0
 - 4) Native Mean C Value – 3.7

8.02 REMEDIATION – If native planting areas fail to meet the terms of the performance criteria described above, the Natural Areas Contractor shall develop and submit to the Owner/Owner’s Representative, a remedial action plan that takes into consideration the site goals and specific deficiencies causing the remedial action. The Natural Areas Contractor will implement the approved remedial action plan at no additional cost to the Owner and submit a report that describes the remedial action taken. If remedial seeding or planting is required, the Natural Areas Contractor will not be required to perform additional remedial seeding or planting in the same area for a minimum of one growing season. After one full growing season following the remedial planting, the performance criteria must be met or additional remedial action must be taken at no additional cost to the Owner. Final acceptance shall not be granted until all planting areas meet performance criteria and/or meet the stated intent of the project to the satisfaction of the Owner/Owner’s Representative.

8.03 ACCEPTANCE – NATIVE HERBACEOUS PLANTING

- A. Five (5) days prior to the anticipated date of inspection, submit written notice requesting inspection to Owner/Owner’s Representative.
- B. Substantial Acceptance:
 - 1. Field inspections will be conducted by the Owner/Owner’s Representative 7-14 days after receiving written request for Substantial Completion inspection from the Contractor.
 - 2. The work shall be considered substantially complete after all landscape features, seed, plugs, goose enclosure and erosion control structures have been installed (excludes tree, shrub and vine planting); completion of Substantial Completion Punch-list items; and cover crop germination has begun to the satisfaction of the Owner/Owner’s Representative.
- C. Final Acceptance:
 - 1. Field inspections will be conducted by the Owner/Owner’s Representative at the end of the first full growing season or 7-14 days after receiving written request for Final Acceptance inspection from the Contractor, but no later than October 1st.
 - 2. The work shall be considered 100% complete after goose enclosure fencing has been removed and the third (3rd) growing season performance criteria have been satisfied.
 - 3. Final Acceptance criteria shall only apply to this contract if Alternate #1 (Natural Areas Stewardship) is awarded to the Natural Areas Contractor. If Alternate #1 is not awarded, Substantial Acceptance shall constitute Final Acceptance.

END OF NATURAL AREAS ESTABLISHMENT PROVISIONS

NATURAL AREAS ESTABLISHMENT PROVISIONS

NATURAL AREAS ESTABLISHMENT PROVISIONS

INVASIVE SPECIES LIST

APPENDIX - A

NATURAL AREAS ESTABLISHMENT PROVISIONS

It is the responsibility of the Natural Areas Contractor to locate, identify, and eradicate any species that may endanger the successful establishment and long-term health of the specified native plant communities within the project area/site. Following is a list of common invasive, weedy and aggressive native species typically encountered during ecological restoration efforts that can inhibit the successful establishment of desirable native species. This list is not representative of the site and should not be considered an inventory. The listed species shall at no time be allowed to dominate any portion of the project site.

Aggressive Weed/Invasive Species List:

Acer negundo	BOXELDER ³
Acer platanoides	NORWAY MAPLE
Achillea spp.	YARROW ³
Aegopodium podagraria	GOUTWEED
Agrostis gigantea	REDTOP
Agrostis stolonifera	CREEPING BENTGRASS ³
Ailanthus altissima	TREE OF HEAVEN
Alliaria petiolata	GARLIC MUSTARD
Alnus glutinosa	EUROPEAN BLACK ALDER
Ambrosia artemisiifolia	COMMON RAGWEED ^{1,3}
Ambrosia trifida	GIANT RAGWEED ^{1,3}
Anthriscus sylvestris	WILD CHERVIL
Arctium minus	COMMON BURDOCK
Berberis thunbergii	JAPANESE BARBERRY
Brassica nigra	BLACK MUSTARD ²
Bromus inermis	SMOOTH BROME
Bromus tectorum	DOWNY BROME
Butomus umbellatus	FLOWERING RUSH
Cannabis sativa	MARIJUANA ¹
Carduus nutans	MUSK THISTLE ¹
Celastrus orbiculatus	ASIAN BITTERSWEET ¹
Centaurea maculosa	SPOTTED KNAPWEED
Chenopodium album	LAMB'S QUARTERS ²
Cirsium arvense	CANADA THISTLE ¹
Cirsium vulgare	BULL THISTLE
Conium maculatum	POISON HEMLOCK ¹
Cornus racemosa	GRAY DOGWOOD ³
Cynanchum louiseae	BLACK SWALLOW-WORT
Cynanchum rossicum	PALE SWALLOW-WORT
Cyperus esculentus	YELLOW NUTSEDGE ³
Dactylis glomerata	ORCHARDGRASS
Daucus carota	QUEEN ANNE'S LACE ²
Dioscorea oppositifolia	CHINESE YAM
Dipsacus spp.	TEASEL ¹
Echinochloa crus-galli	BARNYARD GRASS
Egeria densa	BRAZILIAN WATERWEED
Eichhornia crassipes	WATER HYACINTH
Elaeagnus angustifolia	RUSSIAN OLIVE ¹
Elaeagnus pungens	THORNY OLIVE ¹
Elaeagnus umbellata	AUTUMN OLIVE ¹

NATURAL AREAS ESTABLISHMENT PROVISIONS

<i>Elymus repens</i>	QUACKGRASS
<i>Erigeron canadensis</i>	MARE'S TAIL ³
<i>Erigeron annuus</i>	ANNUAL FLEABANE ³
<i>Erigeron strigosus</i>	DAISY FLEABANE ³
<i>Euonymus alatus</i>	BURNING BUSH
<i>Euonymus fortunei</i>	WINTERCREEPER
<i>Euphorbia esula</i>	LEAFY SPURGE
<i>Fallopia japonica</i>	JAPANESE KNOTWEED ¹
<i>Fallopia sachalinensis</i>	GIANT KNOTWEED ¹
<i>Fallopia × bohemica</i>	BOHEMIAN KNOTWEED ¹
<i>Frangula alnus</i>	GLOSSY BUCKTHORN
<i>Hedera helix</i>	ENGLISH IVY
<i>Hemerocallis fulva</i>	ORANGE DAYLILY
<i>Heracleum mantegazzianum</i>	GIANT HOGWEED ¹
<i>Hesperis matronalis</i>	DAMES ROCKET
<i>Humulus japonicus</i>	JAPANESE HOPS
<i>Hydrilla verticillata</i>	HYDRILLA
<i>Hydrocharis morsus-ranae</i>	EUROPEAN FROGBIT
<i>Hypericum perforatum</i>	COMMON ST. JOHN'S WORT
<i>Ipomoea purpurea</i>	MORNING GLORY ²
<i>Iris pseudacorus</i>	YELLOW IRIS
<i>Lespedeza cuneata</i>	SERICEA LESPEDEZA
<i>Ligustrum</i> spp. (non-native)	PRIVET (non-native)
<i>Lolium multiflorum</i>	ANNUAL RYE/ITALIAN RYEGRASS
<i>Lonicera</i> spp.	HONEYSUCKLE (non-native) ¹
<i>Lotus corniculatus</i>	BIRDS FOOT TREFOIL
<i>Lysimachia nummularia</i>	MONEYWORT
<i>Lythrum salicaria</i>	PURPLE LOOSESTRIFE
<i>Marsilea quadrifolia</i>	EUROPEAN WATERCLOVER
<i>Medicago lupulina</i>	BLACK MEDIC
<i>Medicago sativa</i>	ALFALFA
<i>Melilotus albus</i>	WHITE SWEET CLOVER
<i>Melilotus officinalis</i>	YELLOW SWEET CLOVER
<i>Microstegium vimineum</i>	JAPANESE STILTGRASS
<i>Morus alba</i>	WHITE MULBERRY
<i>Myosotis sylvatica</i>	GARDEN FORGET-ME-NOT
<i>Myriophyllum aquaticum</i>	PARROT FEATHER
<i>Myriophyllum spicatum</i>	EURASIAN WATERMILFOIL
<i>Myosotis scorpioides</i>	WATER FORGET-ME-NOT
<i>Najas minor</i>	BRITTLE WATERNYMPH
<i>Nepeta cataria</i>	CATNIP
<i>Nymphoides peltata</i>	YELLOW FLOATING HEART
<i>Oenothera biennis</i>	EVENING PRIMROSE ³
<i>Onopordum acanthium</i>	SCOTCH THISTLE
<i>Pastinaca sativa</i>	WILD PARSNIP
<i>Phalaris arundinacea</i>	REED CANARY GRASS
<i>Phragmites australis</i> (non-native)	COMMON REED (non-native)

NATURAL AREAS ESTABLISHMENT PROVISIONS

<i>Pistia stratiotes</i>	WATER LETTUCE
<i>Poa pratensis</i>	KENTUCKY BLUEGRASS
<i>Populus alba</i>	WHITE POPLAR
<i>Populus deltoides</i>	COTTONWOOD ³
<i>Potamogeton crispus</i>	CURLY-LEAF PONDWEED
<i>Pueraria montana</i> var. <i>lobata</i>	KUDZU ¹
<i>Ranunculus ficaria</i>	LESSER CELANDINE ¹
<i>Rhamnus cathartica</i>	COMMON BUCKTHORN
<i>Robinia pseudoacacia</i>	BLACK LOCUST
<i>Rorippa nasturtium</i>	WATERCRESS
<i>Rumex acetosella</i>	SHEEP SORREL
<i>Rumex crispus</i>	CURLY DOCK
<i>Rosa multiflora</i>	MULTIFLORA ROSE
<i>Rubus</i> spp.	RASPBERRY/BLACKBERRY ³
<i>Salix interior</i>	SANDBAR WILLOW ³
<i>Saponaria officinalis</i>	BOUNCING BET
<i>Schedonorus arundinaceus</i>	TALL FESCUE
<i>Securigaria varia</i>	CROWN VETCH
<i>Setaria</i> spp.	FOXTAIL/MILLET ²
<i>Silene latifolia</i> var. <i>alba</i>	BLADDER CAMPION
<i>Solidago altissima</i>	TALL GOLDENROD ³
<i>Solidago canadensis</i>	CANADA GOLDENROD ³
<i>Solidago sempervirens</i>	SEASIDE GOLDENROD
<i>Sonchus arvensis</i>	PERENNIAL SOWTHISTLE ¹
<i>Sorghum almum</i>	COLUMBUS GRASS ¹
<i>Sorghum halepense</i>	JOHNSONGRASS ¹
<i>Symphyotrichum lateriflorum</i>	SIDE FLOWERING ASTER ³
<i>Symphyotrichum pilosum</i>	HAIRY ASTER ³
<i>Tamarix</i> spp.	SALT CEDAR ¹
<i>Tanacetum vulgare</i>	COMMON TANSY
<i>Taraxacum officinalis</i>	COMMON DANDELION ²
<i>Thlaspi arvense</i>	FIELD PENNYCRESS ²
<i>Torilis japonica</i>	JAPANESE HEDGE PARSLEY
<i>Toxicodendron radicans</i>	POISON IVY ³
<i>Trifolium pratense</i>	RED CLOVER ²
<i>Trifolium repens</i>	WHITE CLOVER ²
<i>Typha angustifolia</i>	NARROWLEAF CATTAIL ³
<i>Typha latifolia</i>	COMMON CATTAIL ³
<i>Ulmus pumila</i>	SIBERIAN ELM
<i>Verbascum blattaria</i>	MOTH MULLEIN ²
<i>Verbascum thapsus</i>	COMMON MULLEIN ²
<i>Vinca minor</i>	PERIWINKLE
<i>Xanthium strumarium</i>	ROUGH COCKLEBUR

¹Species classified as a Noxious Weed in the State of Illinois as of the date of this document²Species considered common weeds requiring control, not specifically considered invasive

NATURAL AREAS ESTABLISHMENT PROVISIONS

³Species considered native (or questionably native) in the State of Illinois, but often has an aggressive growth behavior that may require control on a case-by-case basis

END OF EXHIBIT A

NATURAL AREAS ESTABLISHMENT PROVISIONS

APPROVED NATIVE SPECIES LISTS

APPENDIX - B

NATURAL AREAS ESTABLISHMENT PROVISIONS

Transitional Buffer Seed Mix (Dry-Mesic Soils)

MIX STATISTICS										
Number of Native Species in Mix										2
Native FQI										2.8
Native Mean C Value										4.0
Native Mean W Value										5.0
Lbs/Acre of Native Seed										65.0
Seeds per Square Foot										138.8
Acres to be Planted										0.22
Grasses, Sedges, & Rushes										
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW	
						by Weight	by Seed Count			
BOUCUR	<i>Bouteloua curtipendula</i>	Side-oats Grama	6,000	960.00	60.00	92.31%	95.24%	N/A		
BOUDAB	<i>Bouteloua dactyloides</i> 'BOWIE'	Bowie Buffalo Grass	3,600	80.00	5.00	7.69%	4.76%	N/A		
			Grass/Sedge Subtotals		65.000	100.00%	100.00%			
			Mix TOTALS		65.000	100.00%	100.00%			

Supplemental Shade Seed Mix (Mesic Soils)

MIX STATISTICS										
Number of Native Species in Mix										11
Native FQI										16.9
Native Mean C Value										5.1
Native Mean W Value										1.2
Lbs/Acre of Native Seed										5.2
Seeds per Square Foot										51.6
Acres to be Planted										0.30
Grasses, Sedges, & Rushes										
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW	
						by Weight	by Seed Count			
CXSPRE	<i>Carex sprengei</i>	Long-beaked Sedge	10,000	3.00	0.19	3.61%	1.33%	CM-60		
CINARU	<i>Cinna arundinacea</i>	Stout Wood Reed	81,000	10.00	0.63	12.05%	36.04%	CM-60		
ELYHYS	<i>Elymus hystrix</i>	Bottlebrush Grass	7,600	36.00	2.25	43.37%	12.17%	N/A		
ELYVIR	<i>Elymus virginicus</i>	Virginia Wild Rye	4,200	20.00	1.25	24.10%	3.74%	N/A		
			Grass/Sedge Subtotals		4.313	83.13%	53.28%			
Wildflowers										
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW	
						by Weight	by Seed Count			
AGANEP	<i>Agastache nepetoides</i>	Yellow Giant Hyssop	90,000	2.00	0.13	2.41%	8.01%	CM-60		
ANECYL	<i>Anemone cylindrica</i>	Thimbleweed	26,000	1.00	0.06	1.20%	1.16%	CM-60		
AQUCAN	<i>Aquilegia canadensis</i>	Wild Columbine	38,000	3.00	0.19	3.61%	5.07%	CM-60		
CAMAME	<i>Campanulastrum americanum</i>	American Bellflower	170,000	3.00	0.19	3.61%	22.69%	CM-30		
RUDTRI	<i>Rudbeckia triloba</i>	Brown-eyed Susan	34,000	2.00	0.13	2.41%	3.03%	CM-30		
SOLULM	<i>Solidago ulmifolia</i>	Elm-leaved Goldenrod	130,000	1.00	0.06	1.20%	5.78%	CM-60		
THADAS	<i>Thalictrum dasycarpum</i>	Purple Meadow Rue	11,000	2.00	0.13	2.41%	0.98%	CM-60, G		
			Wildflowers Subtotals		0.875	16.87%	46.72%			
			Mix TOTALS		5.188	100.00%	100.00%			

NATURAL AREAS ESTABLISHMENT PROVISIONS

Low Profile Prairie Seed Mix (Dry-Mesic Soils)									
MIX STATISTICS									
Number of Native Species in Mix									38
Native FQI									35.0
Native Mean C Value									5.7
Native Mean W Value									2.5
Lbs/Acre of Native Seed									24.4
Seeds per Square Foot									162.5
Acres to be Planted									0.84
Grasses, Sedges, & Rushes									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
BOUCUR	<i>Bouteloua curtipendula</i>	Side-oats Grama	6,000	128.00	8.00	32.80%	10.85%		N/A
CXBICK	<i>Carex bicknellii</i>	Copper-shouldered Oval Sedge	17,000	6.00	0.38	1.54%	1.44%		CM-60
CXBREV	<i>Carex brevior</i>	Plains Oval Sedge	29,000	4.00	0.25	1.02%	1.64%		CM-60
CXMOLE	<i>Carex molesta</i>	Field Oval Sedge	25,000	2.00	0.13	0.51%	0.71%		CM-60
ELYCAN	<i>Elymus canadensis</i>	Canada Wild Rye	5,200	32.00	2.00	8.20%	2.35%		N/A
JUNDUD	<i>Juncus dudleyi</i>	Dudley's Rush	3,200,000	0.50	0.03	0.13%	22.60%		CM-60
PANVIR	<i>Panicum virgatum</i>	Switch Grass	14,000	8.00	0.50	2.05%	1.58%		N/A
SCHSCO	<i>Schizachyrium scoparium</i>	Little Bluestem	15,000	48.00	3.00	12.30%	10.17%		N/A
			Grass/Sedge Subtotals		14.281	58.55%	51.34%		
Wildflowers									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
ALLCER	<i>Allium cernuum</i>	Nodding Onion	7,600	3.00	0.19	0.77%	0.32%		CM-60
AMOCAN	<i>Amarpha canescens</i>	Lead Plant	16,000	2.00	0.13	0.51%	0.45%		CM-10, H, I, J
ASCTUB	<i>Asclepias tuberosa</i>	Butterfly Weed	4,300	16.00	1.00	4.10%	0.97%		CM-30
BAPALB	<i>Baptisia alba</i>	White Wild Indigo	1,700	2.50	0.16	0.64%	0.06%		CM-10, H, I
CHAFAS	<i>Chamaecrista fasciculata</i>	Partridge Pea	2,700	16.00	1.00	4.10%	0.61%		CM-10, H, I
CORLAN	<i>Coreopsis lanceolata</i>	Sand Coreopsis	20,000	6.00	0.38	1.54%	1.70%		CM-30
CORPAL	<i>Coreopsis palmata</i>	Prairie Coreopsis	10,000	4.00	0.25	1.02%	0.57%		CM-60, M
DALPUR	<i>Dalea purpurea</i>	Purple Prairie Clover	18,000	12.00	0.75	3.07%	3.05%		J, I
ECHPAL	<i>Echinacea pallida</i>	Pale Purple Coneflower	5,200	16.00	1.00	4.10%	1.18%		CM-90 or M
ERYYUC	<i>Eryngium yuccifolium</i>	Rattlesnake Master	7,500	4.00	0.25	1.02%	0.42%		CM-60
EUPCOR	<i>Euphorbia corollata</i>	Flowering Spurge	8,000	4.00	0.25	1.02%	0.45%		CM-30
HELHEL	<i>Heliopsis helianthoides</i>	Early Sunflower	6,300	6.00	0.38	1.54%	0.53%		CM-30
LESCAP	<i>Lespedeza capitata</i>	Round-headed Bush Clover	8,000	4.00	0.25	1.02%	0.45%		CM-10, H, I, J
LIAASP	<i>Liatris aspera</i>	Button Blazing Star	16,000	3.00	0.19	0.77%	0.68%		CM-60
LIAPYC	<i>Liatris pycnostachya</i>	Prairie Blazing Star	11,000	4.00	0.25	1.02%	0.62%		CM-60
MONFIS	<i>Monarda fistulosa</i>	Wild Bergamot	70,000	2.00	0.13	0.51%	1.98%		N/A
PARINT	<i>Parthenium integrifolium</i>	Wild Quinine	7,000	8.00	0.50	2.05%	0.79%		CM-60
PENDIG	<i>Penstemon digitalis</i>	Foxglove Beardtongue	130,000	2.00	0.13	0.51%	3.67%		CM-30, G
PYCTEN	<i>Pycnanthemum tenuifolium</i>	Slender Mountain Mint	378,000	0.25	0.02	0.06%	1.33%		N/A
RATPIN	<i>Ratibida pinnata</i>	Yellow Coneflower	30,000	4.00	0.25	1.02%	1.70%		CM-30
RUDFUL	<i>Rudbeckia fulgida</i>	Orange Coneflower	31,000	4.00	0.25	1.02%	1.75%		CM-60
RUDHIR	<i>Rudbeckia hirta</i>	Black-eyed Susan	92,000	8.00	0.50	2.05%	10.40%		CM-30
SOLJUN	<i>Solidago juncea</i>	Early Goldenrod	290,000	1.50	0.09	0.38%	6.14%		CM-60
SOLRIG	<i>Solidago rigida</i>	Stiff Goldenrod	41,000	1.00	0.06	0.26%	0.58%		CM-60
SYMERI	<i>Symphotrichum ericoides</i>	Heath Aster	200,000	1.00	0.06	0.26%	2.83%		N/A
SYMLAE	<i>Symphotrichum laeve</i>	Smooth Blue Aster	55,000	1.00	0.06	0.26%	0.78%		N/A
SYMNOV	<i>Symphotrichum novae-angliae</i>	New England Aster	66,000	0.50	0.03	0.13%	0.47%		CM-60
TRAODI	<i>Tradescantia ohiensis</i>	Ohio Spiderwort	8,000	8.00	0.50	2.05%	0.90%		CM-120 or M, G
VERSTR	<i>Verbena stricta</i>	Hoary Vervain	28,000	2.00	0.13	0.51%	0.79%		CM-60
ZIZAUR	<i>Zizia aurea</i>	Golden Alexanders	11,000	16.00	1.00	4.10%	2.49%		CM-60 or M, G
			Wildflower Subtotals		10.109	41.45%	48.66%		
			Mix TOTALS		24.391	100.00%	100.00%		

NATURAL AREAS ESTABLISHMENT PROVISIONS

Wet-Mesic Prairie Seed Mix (Wet-Mesic Soils)									
MIX STATISTICS									
Number of Native Species in Mix									46
Native FQI									32.0
Native Mean C Value									4.7
Native Mean W Value									-1.3
Lbs/Acre of Native Seed									14.0
Seeds per Square Foot									176.0
Acres to be Planted									0.12
Grasses, Sedges, & Rushes									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
CALCAN	<i>Calamagrostis canadensis</i>	Blue Joint Grass	280,000	1.00	0.06	0.45%	3.65%	N/A	
CXBREV	<i>Carex brevior</i>	Plains Oval Sedge	29,000	2.00	0.13	0.90%	0.76%	CM-60	
CXCRIS	<i>Carex cristatella</i>	Crested Oval Sedge	58,000	2.00	0.13	0.90%	1.51%	CM-60	
CXMOLE	<i>Carex molesta</i>	Field Oval Sedge	25,000	4.00	0.25	1.79%	1.30%	CM-60	
CXSCOP	<i>Carex scoparia</i>	Lance-fruited Oval Sedge	84,000	1.00	0.06	0.45%	1.10%	CM-60	
CXSTIP	<i>Carex stipata</i>	Common Fox Sedge	34,000	2.00	0.13	0.90%	0.89%	CM-60	
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	100,000	4.00	0.25	1.79%	5.22%	CM-60	
ELEPAL	<i>Eleocharis palustris</i>	Great Spike Rush	51,000	1.00	0.06	0.45%	0.67%	CM-60	
ELYVIR	<i>Elymus virginicus</i>	Virginia Wild Rye	4,200	48.00	3.00	21.50%	2.63%	N/A	
GLYSTR	<i>Glyceria striata</i>	Fowl Manna Grass	90,000	2.00	0.13	0.90%	2.35%	N/A	
JUNDUD	<i>Juncus dudleyi</i>	Dudley's Rush	3,200,000	0.50	0.03	0.22%	20.88%	CM-60	
PANVIR	<i>Panicum virgatum</i>	Switch Grass	14,000	12.00	0.75	5.38%	2.19%	N/A	
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	460,000	1.00	0.06	0.45%	6.00%	CM-60 or M	
SPAPEC	<i>Spartina pectinata</i>	Cord Grass	6,600	32.00	2.00	14.33%	2.76%	N/A	
					Grass/Sedge Subtotals	7.031	50.39%	51.90%	
Wildflowers									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
ALLCER	<i>Allium cernuum</i>	Nodding Onion	7,600	3.00	0.19	1.34%	0.30%	CM-60	
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	4,800	6.00	0.38	2.69%	0.38%	CM-30	
BIDCER	<i>Bidens cernua</i>	Nodding Bur Marigold	21,000	1.50	0.09	0.67%	0.41%	CM-60	
BOLAST	<i>Boltonia asteroides</i>	False Aster	160,000	0.50	0.03	0.22%	1.04%	CM-60	
CHAFAS	<i>Chamaecrista fasciculata</i>	Partridge Pea	2,700	16.00	1.00	7.17%	0.56%	CM-10, H, I	
CORTRI	<i>Coreopsis tripteris</i>	Tall Coreopsis	14,000	4.00	0.25	1.79%	0.73%	CM-60	
DESCAA	<i>Desmodium canadense</i>	Showy Tick Trefoil	5,500	3.00	0.19	1.34%	0.22%	J, I	
DOEUMB	<i>Doellingeria umbellata</i>	Flat-topped Aster	67,000	1.50	0.09	0.67%	1.31%	CM-60	
ECHPUR	<i>Echinacea purpurea</i>	Purple Coneflower	6,600	4.00	0.25	1.79%	0.34%	N/A	
ERYYUC	<i>Eryngium yuccifolium</i>	Rattlesnake Master	7,500	8.00	0.50	3.58%	0.78%	CM-60	
EUPPER	<i>Eupatorium perfoliatum</i>	Boneset	160,000	0.25	0.02	0.11%	0.52%	CM-30	
EUTGRA	<i>Euthamia graminifolia</i>	Grass-leaved Goldenrod	350,000	1.00	0.06	0.45%	4.57%	CM-60	
EUTMAC	<i>Eutrochium maculatum</i>	Spotted Joe Pye Weed	95,000	0.50	0.03	0.22%	0.62%	CM-30	
HELAUT	<i>Helenium autumnale</i>	Sneezeweed	130,000	1.00	0.06	0.45%	1.70%	N/A	
LIAPYC	<i>Liatris pycnostachya</i>	Prairie Blazing Star	11,000	6.00	0.38	2.69%	0.86%	CM-60	
LIASPI	<i>Liatris spicata</i>	Marsh Blazing Star	11,000	2.00	0.13	0.90%	0.29%	CM-60	
MONFIS	<i>Monarda fistulosa</i>	Wild Bergamot	70,000	4.00	0.25	1.79%	3.65%	N/A	
PENDIG	<i>Penstemon digitalis</i>	Foxglove Beardtongue	130,000	2.00	0.13	0.90%	3.39%	CM-30, G	
PYCVIR	<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint	220,000	2.00	0.13	0.90%	5.74%	N/A	
RUDHIR	<i>Rudbeckia hirta</i>	Black-eyed Susan	92,000	8.00	0.50	3.58%	9.60%	CM-30	
RUDSUB	<i>Rudbeckia subtomentosa</i>	Sweet Black-eyed Susan	43,000	2.00	0.13	0.90%	1.12%	CM-30	
RUDTRI	<i>Rudbeckia triloba</i>	Brown-eyed Susan	34,000	2.00	0.13	0.90%	0.89%	CM-30	
SILLAC	<i>Silphium laciniatum</i>	Compass Plant	660	6.00	0.38	2.69%	0.05%	CM-60	
SILTER	<i>Silphium terebinthinaceum</i>	Prairie Dock	1,000	3.00	0.19	1.34%	0.04%	CM-60	
SOLRID	<i>Solidago riddellii</i>	Riddell's Goldenrod	93,000	0.50	0.03	0.22%	0.61%	CM-60	
SOLRIG	<i>Solidago rigida</i>	Stiff Goldenrod	41,000	4.00	0.25	1.79%	2.14%	CM-60	
SYMNOV	<i>Symphotrichum novae-angliae</i>	New England Aster	66,000	2.00	0.13	0.90%	1.72%	CM-60	
THADAS	<i>Thalictrum dasycarpum</i>	Purple Meadow Rue	11,000	2.00	0.13	0.90%	0.29%	CM-60, G	
TRAOHI	<i>Tradescantia ohiensis</i>	Ohio Spiderwort	8,000	6.00	0.38	2.69%	0.63%	CM-120 or M, G	
VERHAS	<i>Verbena hastata</i>	Blue Vervain	93,000	2.00	0.13	0.90%	2.43%	CM-30	
VERFAS	<i>Vernonia fasciculata</i>	Common Ironweed	24,000	1.00	0.06	0.45%	0.31%	CM-60	
ZIZAUR	<i>Zizia aurea</i>	Golden Alexanders	11,000	6.00	0.38	2.69%	0.86%	CM-60 or M, G	
					Wildflower Subtotals	6.922	49.61%	48.10%	
					Mix TOTALS	13.953	100.00%	100.00%	

NATURAL AREAS ESTABLISHMENT PROVISIONS

Shoreline Seed Mix (Saturated Soils)

MIX STATISTICS	
Number of Native Species in Mix	41
Native FQI	31.4
Native Mean C Value	4.9
Native Mean W Value	-4.5
Lbs/Acre of Native Seed	11.1
Seeds per Square Foot	180.5
Acres to be Planted	0.19

Grasses, Sedges, & Rushes									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
CALCAN	<i>Calamagrostis canadensis</i>	Blue Joint Grass	280,000	1.00	0.06	0.56%	3.56%	N/A	
CXCOMO	<i>Carex comosa</i>	Bristly Sedge	30,000	3.00	0.19	1.69%	1.14%	CM-60	
CXCRIS	<i>Carex cristatella</i>	Crested Oval Sedge	58,000	1.00	0.06	0.56%	0.74%	CM-60	
CXHYST	<i>Carex hystericina</i>	Porcupine Sedge	30,000	4.00	0.25	2.26%	1.53%	CM-60	
CXSTIP	<i>Carex stipata</i>	Common Fox Sedge	34,000	4.00	0.25	2.26%	1.73%	CM-60	
CXSTRI	<i>Carex stricta</i>	Common Tussock Sedge	53,000	2.00	0.13	1.13%	1.35%	CM-60	
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	100,000	12.00	0.75	6.77%	15.26%	CM-60	
ELEPAL	<i>Eleocharis palustris</i>	Great Spike Rush	51,000	2.00	0.13	1.13%	1.30%	CM-60	
GLYSTR	<i>Glyceria striata</i>	Fowl Manna Grass	90,000	1.00	0.06	0.56%	1.14%	N/A	
JUNDUD	<i>Juncus dudleyi</i>	Dudley's Rush	3,200,000	0.125	0.01	0.07%	5.09%	CM-60	
JUNEFF	<i>Juncus effusus</i>	Common Rush	1,000,000	0.50	0.03	0.28%	6.36%	CM-60	
LEEORY	<i>Leersia oryzoides</i>	Rice Cut Grass	34,000	6.00	0.38	3.39%	2.59%	N/A	
SCHPUP	<i>Schoenoplectus pungens var. pungens</i>	Chairmaker's Rush	12,000	2.00	0.13	1.13%	0.31%	CM-60	
SCHTAB	<i>Schoenoplectus tabernaemontani</i>	Great Bulrush	31,000	2.00	0.13	1.13%	0.79%	CM-60	
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	460,000	0.50	0.03	0.28%	2.93%	CM-60 or M	
SCICYP	<i>Scirpus cyperinus</i>	Wool Grass	1,700,000	0.125	0.01	0.07%	2.70%	CM-60 or M	
SPAPEC	<i>Spartina pectinata</i>	Cord Grass	6,600	24.00	1.50	13.55%	2.01%	N/A	
Grass/Sedge Subtotals					4.078	36.84%	50.53%		

Wildflowers									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
ACOCAL	<i>Acorus calamus</i>	Sweet Flag	6,800	12.00	0.75	6.77%	1.04%	CM-60	
ALISUB	<i>Alisma subcordatum</i>	Mud Plantain	60,000	4.00	0.25	2.26%	3.05%	CM-30	
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	4,800	24.00	1.50	13.55%	1.47%	CM-30	
BIDCER	<i>Bidens cernua</i>	Nodding Bur Marigold	21,000	6.00	0.38	3.39%	1.60%	CM-60	
BOLAST	<i>Boltonia asteroides</i>	False Aster	160,000	0.75	0.05	0.42%	1.53%	CM-60	
CHEGLA	<i>Chelone glabra</i>	Turtlehead	92,000	2.00	0.13	1.13%	2.34%	CM-120 or M	
EUPPER	<i>Eupatorium perfoliatum</i>	Boneset	160,000	1.00	0.06	0.56%	2.03%	CM-30	
EUTGRA	<i>Euthamia graminifolia</i>	Grass-leaved Goldenrod	350,000	0.25	0.02	0.14%	1.11%	CM-60	
EUTMAC	<i>Eutrachium maculatum</i>	Spotted Joe Pye Weed	95,000	2.00	0.13	1.13%	2.42%	CM-30	
HELAUT	<i>Helenium autumnale</i>	Sneezeweed	130,000	1.00	0.06	0.56%	1.65%	N/A	
HIBLAE	<i>Hibiscus laevis</i>	Halberd-leaved Rose Mallow	2,800	16.00	1.00	9.03%	0.57%	CM-60	
IRIVIS	<i>Iris virginica var. shrevei</i>	Southern Blue Flag	1,000	24.00	1.50	13.55%	0.31%	CM-120 or M	
LOBCAR	<i>Lobelia cardinalis</i>	Cardinal Flower	400,000	1.00	0.06	0.56%	5.09%	CM-60	
LOBSIP	<i>Lobelia siphilitica</i>	Great Blue Lobelia	500,000	1.00	0.06	0.56%	6.36%	CM-60	
MIMRIN	<i>Mimulus ringens</i>	Monkey Flower	2,300,000	0.125	0.01	0.07%	3.66%	CM-60	
PENSED	<i>Penthorum sedoides</i>	Ditch Stonecrop	1,300,000	0.250	0.02	0.14%	4.13%	CM-60	
PHYVIR	<i>Physostegia virginiana</i>	Obedient Plant	11,000	2.00	0.13	1.13%	0.28%	CM-60	
SAGLAT	<i>Sagittaria latifolia</i>	Common Arrowhead	61,000	2.00	0.13	1.13%	1.55%	CM-60	
SCULAT	<i>Scutellaria lateriflora</i>	Mad-dog Skullcap	65,000	2.00	0.13	1.13%	1.65%	CM-60	
SILPER	<i>Silphium perfoliatum</i>	Cup Plant	1,400	0.50	0.03	0.28%	0.01%	CM-60	
SOLRID	<i>Solidago riddellii</i>	Riddell's Goldenrod	93,000	2.00	0.13	1.13%	2.37%	CM-60	
SYMNOV	<i>Symphotrichum novae-angliae</i>	New England Aster	66,000	2.00	0.13	1.13%	1.68%	CM-60	
VERFAS	<i>Vernonia fasciculata</i>	Common Ironweed	24,000	4.00	0.25	2.26%	1.22%	CM-60	
VERHAS	<i>Verbena hastata</i>	Blue Vervain	93,000	2.00	0.13	1.13%	2.37%	CM-30	
Wildflower Subtotals					6.992	63.16%	49.47%		
Mix TOTALS					11.070	100.00%	100.00%		

NATURAL AREAS ESTABLISHMENT PROVISIONS

Shoreline Plug Mix										
MIX STATISTICS										
Number of Native Species in Mix										15
Native FQI										28.2
Native Mean C Value										5.3
Native Mean W Value										-4.9
Total # of Plants in the Mix										5092.0
Grasses, Sedges, & Rushes										
CODE	SCIENTIFIC NAME	COMMON NAME	SIZE	PLANTS/ FLAT	# OF FLATS	# OF PLANTS	% OF TOTAL	NOTE*		
BOLFLU	<i>Bolboschoenus fluviatilis</i>	River Bulrush	plug	38	10.00	380.00	7.46%	A. Rhizomatous		
CALCAN	<i>Calamagrostis canadensis</i>	Blue Joint Grass	plug	38	5.00	190.00	3.73%	A. Rhizomatous		
CXCOMO	<i>Carex comosa</i>	Bristly Sedge	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
CXLACU	<i>Carex lacustris</i>	Common Lake Sedge	plug	38	5.00	190.00	3.73%	A. Rhizomatous		
CXLUPN	<i>Carex lupulina</i>	Common Hop Sedge	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
CXSTRI	<i>Carex stricta</i>	Common Tussock Sedge	plug	38	12.00	456.00	8.96%	Rhizomatous		
CXTRIC	<i>Carex trichocarpa</i>	Hairy-fruited Lake Sedge	plug	38	5.00	190.00	3.73%	A. Rhizomatous		
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	plug	38	2.00	76.00	1.49%	Rhizomatous		
JUNEFF	<i>Juncus effusus</i>	Common Rush	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
LEEORY	<i>Leersia oryzoides</i>	Rice Cut Grass	plug	38	5.00	190.00	3.73%	A. Rhizomatous		
SCHTAB	<i>Schoenoplectus tabernaemontani</i>	Great Bulrush	plug	38	10.00	380.00	7.46%	A. Rhizomatous		
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	plug	38	2.00	76.00	1.49%	Rhizomatous		
SCICYP	<i>Scirpus cyperinus</i>	Wool Grass	plug	38	1.00	38.00	0.75%	S. Rhizomatous		
					Grass/Sedge Subtotals	63.00	2,394.00	47.01%		
Wildflowers										
CODE	SCIENTIFIC NAME	COMMON NAME	SIZE	PLANTS/ FLAT	# OF FLATS	# OF PLANTS	% OF TOTAL	NOTE*		
ACOAME	<i>Acorus americanus</i>	American Sweet Flag	plug	38	2.00	76.00	1.49%			
ALISUB	<i>Alisma subcordatum</i>	Mud Plantain	plug	38	5.00	190.00	3.73%	A. Rhizomatous		
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
EUTMAC	<i>Eutrochium maculatum</i>	Spotted Joe Pye Weed	plug	38	2.00	76.00	1.49%	A. Rhizomatous		
HIBLAE	<i>Hibiscus laevis</i>	Halberd-leaved Rose Mallow	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
IRIVIS	<i>Iris virginica var. shrevei</i>	Southern Blue Flag	plug	38	10.00	380.00	7.46%	Rhizomatous		
LOBCAR	<i>Lobelia cardinalis</i>	Cardinal Flower	plug	38	2.00	76.00	1.49%			
LYCAME	<i>Lycopus americanus</i>	Water Horehound	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
LYTALA	<i>Lythrum alatum</i>	Winged Loosestrife	plug	38	2.00	76.00	1.49%	Rhizomatous		
MIMRIN	<i>Mimulus ringens</i>	Monkey Flower	plug	38	1.00	38.00	0.75%	Rhizomatous		
PERHYD	<i>Persicaria hydropiperoides</i>	Swamp Smartweed	plug	38	3.00	114.00	2.24%			
PONCOR	<i>Pontederia cordata</i>	Pickerelweed	plug	38	15.00	570.00	11.19%	Rhizomatous		
SAGLAT	<i>Sagittaria latifolia</i>	Common Arrowhead	plug	38	15.00	570.00	11.19%	Rhizomatous		
SOLRID	<i>Solidago riddellii</i>	Riddell's Goldenrod	plug	38	3.00	114.00	2.24%	S. Rhizomatous		
SPAEUR	<i>Sparganium eurycarpum</i>	Great Bur Reed	plug	38	5.00	190.00	3.73%	Rhizomatous		
					Wildflower Subtotals	71.00	2,698.00	52.99%		
					Mix TOTALS	134.00	5,092.00	100.00%		

END OF EXHIBIT B

NATURAL AREAS ESTABLISHMENT PROVISIONS

PRE-APPROVED NATIVE PLANT NURSERIES

APPENDIX - C

NATURAL AREAS ESTABLISHMENT PROVISIONS

Native Seed

Agrecol, Inc., Evansville, WI
Phone: (608) 223-3571

Prairie Moon Nursery, Winona, MN
Phone: (507) 452-1362

Shooting Star Native Seeds, Spring Grove, MN
Phone: (507) 498-3944

Native Plugs

Agrecol, Inc., Evansville, WI
Phone: (608) 223-3571

Midwest Natural Garden, St. Charles, IL
Phone: (847) 742-1792

Pizzo Native Plant Nursery, LLC, Leland, IL
Phone: (815) 495-2300

NATURAL AREAS ESTABLISHMENT PROVISIONS

GLOSSARY

APPENDIX - D

NATURAL AREAS ESTABLISHMENT PROVISIONS

Acceptable Species: Vegetative species that have been seeded or planted as specified and/or volunteer native species with a C-value of 2 or greater, except for any of those species listed in Appendix-A.

Aerial coverage: The vegetation covering the ground surface above the ground surface; including all leaves, stems, flower parts, etc. Aerial coverage can be visualized by considering a bird's-eye view of the vegetation.

Density: Numbers of individuals or stems per unit area.

Dominant Species: Plant species or species groups, which by means of their number, coverage or size, have considerable influence or control upon the conditions or existence of associated species.

Erosion: The washing away or dislodging of soil by water, wind or ice.

Established: Establish is defined in botany as a species being allowed to thrive and reproduce.

Growing Season: The part of a calendar year during which rainfall and temperature allow plants to grow. In the Midwest the growing season typically occurs between the months of April thru October.

Invasive Species: An undesirable non-native species, that competes with desirable, native plants and animals for light, space, water, food and nutrients. An invasive species, left untreated, will destroy the integrity of an ecosystem and will often become the only plant or animal inhabiting a particular landscape.

Native Species: 1) an indigenous species that is normally found as part of a particular ecosystem. 2) a species that was present in a defined North American area prior to European settlement.

Ocular Assessment: The act of making a professional judgment about something based on what is physically seen by the observer's eyes.

Plant Community: A group of plants that need a particular set of environmental conditions (i.e. light, soil type, moisture) in order to thrive. Examples include dry prairie, mesic prairie, wet prairie, wetland, emergent, savanna, dry-mesic woodland, etc.

Planting Area: The physical area(s) of a project site receiving site preparation, planting and/or stewardship activities. A plant community may consist of multiple planting areas.

Quadrat: Small areas of a standard size placed along transects or selected at random to act as representative samples for assessing the local distribution of plants or animals.

Remnant: A surviving trace or vestige of vegetation that has remained undisturbed or minimally undisturbed since European settlement. Remnant habitats are often found in fragmented form dissected by human development with a highly diverse number of native plants or native indicator species.

Transect: A straight line through a natural feature or across the earth's surface, along which observations are made or measurements taken.

Vegetative Cover: See aerial coverage.

NATURAL AREAS ESTABLISHMENT PROVISIONS

Vigorous: Well-rooted in soil and displaying healthy, strong vegetative growth.

NATURAL AREAS ESTABLISHMENT PROVISIONS

BID SUBMITTAL DOCUMENTS

APPENDIX - E

NATURAL AREAS ESTABLISHMENT PROVISIONS

PROPOSED STAFF SCHEDULE

EMPLOYEE NAME	PROPOSED TASK(S)	YEARS EXPERIENCE	
		TOTAL	w/FIRM
EXAMPLE – John Smith	Foreman	10	6

NATURAL AREAS ESTABLISHMENT PROVISIONS

EXAMPLE		Mesic Prairie Seed Mix (Midic Soil)												Mesic Prairie Seed Mix (Midic Soil)											
COMMON NAME	SCIENTIFIC NAME	PLANTING SPECIFICATIONS				PLANTING DATES				PLANTING DATES				PLANTING DATES				PLANTING DATES							
		PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE	PLANTING DATE							
... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...	... (rows 1-10) ...
... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...	... (rows 11-20) ...
... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...	... (rows 21-30) ...

**APPLE POND RESTORATION
LANDSCAPE SPECIFICATIONS**

**SECTION 12 93 00
SITE FURNISHINGS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes site furnishings as indicated.

1. Backed Bench

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples: For each exposed finish, not less than 12-inch long tubular sections, or other samples indicating material finish and color.

C. Maintenance Data: To include in maintenance manuals. Include manufacturer's recommended methods for repairing damage to the finish. Include cleaning procedures or products that may be detrimental to surface finish.

1.3 EXTRA MATERIALS

A. Furnish extra materials described below that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

B. Anchors: Furnish not less than five (5) percent of quantity installed of each type.

PART 2 - PRODUCTS

2.1 BACKED BENCH

A. Design is based upon Model: Austin, backed bench, surface mount, aluminum, end arm rest. Manufactured by Landscape Forms, 431 Lawndale Ave. Kalamazoo, MI 49048, USA, 800-430-6209, specify@landscapeforms.com, and distributed locally by Jennifer Woods, 800-430-6206 x 1336, jenniferw@landscapeforms.com.

1. Or approved equal will be considered subject to meeting the performance criteria specified herein and as indicated on the drawings.

B. Benches shall be supplied as 6' long.

C. Bench shall be surface mounting on concrete footings as shown on the drawings and per manufacturer's specifications.

- D. Bench frame shall be aluminum, color: Titanium.
- E. Finish: Landscape Forms' Pangard II® polyester powder coat.
- F. Benches shall be supplied with ipe wood slats with matching end armrests and center armrest.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions, with Installer present, for compliance with requirements for correct and level finished grade, mounting surfaces, installation tolerances, and other conditions affecting performance of the Work.
- B. Do not proceed with work until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Comply with manufacturer's written installation instructions unless more stringent requirements are indicated.
- B. Unless otherwise indicated, install site furnishings after landscaping and paving have been completed.
- C. Install site furnishings level, plumb, true, and securely anchored at locations indicated in the Drawings.
- D. Fit exposed connections accurately together to form tight, hairline joints.
- E. Perform cutting, drilling, and fitting required for installation of site furnishings.
- F. Set work accurately in location, alignment and elevation plumb, level, true, non-rocking and free of rack, measured from established lines and levels. Do not weld, cut, or abrade surfaces of components which have been coated or finished after fabrication, and are intended for field connection by mechanical means without further cutting or fitting.

3.3 ADJUSTMENT AND CLEANING

- A. Protect finishes of all items from damage during construction by use of temporary protective coverings approved by manufacturers. Remove protective covering immediately before Preliminary Acceptance / Substantial Completion.
 - 1. Restore finishes damaged during installation and construction period so that no evidence remains of correction work. Return items which cannot be refinished in the field to the shop; make required alterations and refinish entire unit or provide new units as required.

END OF SECTION

SECTION 32 15 00**STABILIZED PATHWAY MIX****PART 1 - GENERAL**

1.1 WORK INCLUDES

B. Base Bid:

1. General Contractor Provide:
 - a. Stabilized Pathway Mix

1.2 RELATED WORK

- A. Specified Elsewhere: Requirements that relate to this section are included but not limited to the sections below.
- B. Division 1 section for:
 1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
 2. General Requirements.
- C. Division 03 section for:
 1. Section 03 30 00 "Cast-in-Place Concrete" for general applications of concrete.
- D. Division 31 section for:
 1. Section 31 00 00 "Earthwork" for preparation of subgrade and base course.
- E. Divisions 32 section for:
 1. Section 32 13 00 "Portland Cement Concrete Paving" for cast-in-place concrete pavement with other finishes.

1.3 PERFORMANCE REQUIREMENTS

- A. Perform gradation of decomposed granite material or 3/8" or 1/4" minus crushed aggregate in accordance with ASTM C 136 – Method for Sieve Analysis for Fine and Course.

1.4 ACTION SUBMITTALS

- A. Products Data: For each product specified. Submit a 5 lb. sample and sieve analysis for grading of decomposed granite or crushed 3/8" or 1/4" minus aggregate to be sent to Stabilizer Solutions, Inc. prior to any construction – (allow 2 week turn around). Must be approved by Landscape Architect and owner.

- B. Shop Drawings: Show details of installation, including plans and sections.

1.5 PROJECT/SITE CONDITIONS

- A. Field Measurements: Each bidder is required to visit the site of the Work to verify the existing conditions. No adjustments will be made to the Contract Sum for variations in the existing conditions.
 - 1. Where surfacing is indicated to fit with other construction, verify dimensions of other construction by field measurements before proceeding with the work.
- B. Environmental Limitations: Do not install decomposed granite or crushed 3/8" or 1/4" minus aggregate paving during rainy conditions or below 40 degrees Fahrenheit and falling.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Installer to provide evidence to indicate successful experience in providing decomposed granite or crushed 3/8" or 1/4" minus aggregate paving containing Stabilizer binder additive
- B. Mock-ups: Install 4 ft. wide x 10 ft. long mock-up of decomposed granite or 3/8" or 1/4" minus crushed aggregate paving with Stabilizer additive at location as directed by owner's representative.

1.7 WARRANTY

- A. General Warranty: The special warranty specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents.
- B. Special Warranty: Submit a written warranty executed by the installer agreeing to repair or replace components of stabilized surfacing that fail in materials or workmanship within the specified warranty period. Failures include, but are not limited to, the following:
 - 1. Premature wear and tear, provided the material is maintained in accordance with manufacturer's written maintenance instructions.
 - 2. Failure of system to meet performance requirements.
- C. Warranty Period: Contractor shall provide warranty for performance of product. Contractor shall warranty installation of product for the time of one year from completion.
- D. Contractor shall provide, for a period of sixty days, unconditional maintenance and repairs as required.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Stabilizer for crushed stone surfaces provided by the following manufacturers:
 1. Kafka Granite. 550 East Highway 153, Mosinee, WI 54455. Phone (715) 687-2423; fax (715) 687-2395; Rep: Dan Steidl, Cell: 715-316-3956, email dan@kafkagranite.com
 2. Envirobond Products Corporation. 1530 Drew Rd., Suite 17, Mississauga, ON Canada L5S 1W8. Phone 1-866-636-8476; email info@envirobond.com
 3. Technisoil North America, LLC. Supplied locally by Lafarge Fox River Stone. 1300 Route 31, South Elgin, IL 60177. phone (847) 888-6133; fax (847) 742-6282.

2.2 MATERIALS

- A. Decomposed Granite or 3/8" or 1/4" crushed aggregate screenings
 1. Crushed Stone Sieve Analysis Percentage of Weight Passing a Square Mesh Sieve AASHTO T11-82 and T27-82.

1/4" MINUS AGGREGATE GRADATION

U.S. Sieve No.	Percent Passing by Weight
# 3/8"	100
# 4	90 – 100
# 8	75 – 80
# 16	55 – 65
# 30	40 – 50
# 50	25 – 35
# 100	15 – 20
# 200 to	10 – 15

- 2. Color: Cherry Creek Granite

B. Stabilized Binder

- 1. Non-toxic, organic binder that is a colorless and odorless concentrated powder that binds decomposed granite or crushed 3/8" or 1/4" minus aggregate.

2.3 METAL EDGING

A. Metal Edge Restraint

- 1. Product: Border King, 1/4" thick, 5" high with stakes 3/16" thick 15" long, finish: galvanized or approved equal
- 2. Submittals: Submit 3 - 12" long samples of the edging with finish coat.

3. Installation: Edge restraint must be located according to the plans. Install per Manufacturers recommendations.

2.4 EXCESS MATERIALS

- A. Provide owner's authorized representative with the following excess materials for use in future decomposed granite or 3/8" or 1/4" minus crushed aggregate paving repair: 40 to 50 lb. Bags of the aggregate paving blended with proper amount of Stabilizer.

PART 3 - EXECUTION

3.1 BLENDED STABILIZER

- A. Blend 12 to 16 lbs OrganicLock Stabilizer per 1-ton of decomposed granite or crushed 3/8" or 1/4" minus aggregate screenings. It is critical that Stabilizer be thoroughly and uniformly mixed throughout decomposed granite or crushed 1/4" or 3/8" minus aggregate screenings.
- B. Using a moisture-reader, pre-hydrate the aggregate/binder mix to achieve a moisture content of 10-12% after hydration. Do not over-water.

3.2 PLACEMENT

- A. After pre-blending, place the Stabilized decomposed aggregate or 3/8" or 1/4" crushed aggregate screenings on prepared sub-grade. Level to desired grade and cross section.
- B. Place in (2) two equal 2" lifts.
- C. Depth of pathways – 4" for heavy foot traffic and light vehicles.

3.3 WATERING

- A. Water heavily to achieve full depth moisture penetration of the Stabilized pathway Profile. Water activates Stabilizer. To achieve saturation of Stabilized pathway Profile, 25 to 45 gallons of water per 1-ton must be applied. During water application randomly test for depth using a probing device to the final depth.

3.4 COMPACTION

- A. Upon thorough moisture penetration, compact aggregate screenings to 85% relative compaction by compaction equipment such as; a 2 to 4-ton double drum roller. Do not begin compaction for 6 hours after placement and up to 48 hours.
- B. Take care in compacting decomposed granite or crushed 3/8" or 1/4" minus aggregate screenings when adjacent to planting and irrigation systems. Hand tamping with 8" or 10" hand tamp recommended.

3.5 INSPECTION

- A. Finished surface of pathway shall be smooth, uniform and solid. There shall be no evidence of chipping or cracking. Cured and compacted pathway shall be firm throughout profile with no

spongy areas. Loose material shall not be present on the surface. Any significant irregularities in path surface shall be repaired to the uniformity of entire installation.

3.6 MAINTENANCE

- A. Remove debris, such as paper, grass clippings, leaves or other organic material by mechanically blowing or hand raking the surface as needed. Any plowing program required during winter months shall involve the use of a rubber baffle on the plow blade or wheels on the plow that lifts the blade 1/4" off the paving surface.
- B. During the first year, a minor amount of loose aggregate will appear on the paving surface (1/16" to 1/4"). If this material exceeds a 1/4", redistribute the material over the entire surface. Water thoroughly to the depth of 1". This process should be repeated as needed.
- C. If cracking occurs, simply sweep fines into the cracks, water thoroughly and hand tamp with an 8" – 10" hand tamp plate.

3.7 REPAIRS

- A. Excavate damaged area to the depth of the Stabilized aggregate and square off sidewalls.
- B. If area is dry, moisten damaged portion lightly.
- C. Pre-bend the dry required amount of Stabilizer powder with the proper amount of aggregate in a concrete mixer.
- D. Add water to the pre-blended aggregate and Stabilizer. Thoroughly moisten mix with 25 to 45 gallons per 1-ton of pre-blended material or to approximately 10% moisture content.
- E. Apply moistened pre-blended aggregate to excavated area to finish grade.
- F. Compact with an 8" to 10" hand tamp or 250 to 300 pound roller. Keep traffic off areas for 12 to 48 hours after repair has been completed.

3.8 CLEANING

- A. Construction Waste Management
 - 1. At the end of each work day, recycle or dispose of unused material, debris and containers in accordance with Division 1 Section "Construction Waste Management and Disposal".

END OF SECTION

SECTION 32 31 38**INTERPRETATIVE SIGN****PART 1 - GENERAL**

1.1 SECTION INCLUDES

- A. High Pressure Laminate signs.
- B. Support posts made from heavy gauge aluminum.
- C. Fasteners and accessories.

1.2 RELATED SECTIONS

- A. Section 33000: Cast-in-place concrete
- B. Section 55000 – Metal Fabrications
- C. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.3 REFERENCES

- A. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics; 1997.
- B. ASTM D 746 - Standard Test method for Brittleness Temperature of Plastics and Elastomers by Impact; 1998.
- C. ASTM D 790 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials; 1997.
- D. ASTM D 1505 - Standard Test Method for Density of Plastics by the Density-Gradient Technique; 1998.
- E. ASTM D 1822 - Standard Test Method for Tensile-Impact Energy to Break Plastics and Electrical Insulating Materials; 1993.
- F. ASTM D 2240 - Standard Test Method for Rubber Property -- Durometer Hardness; 1997.
- G. ASTM D 6108 - Standard Test Method for Compressive Properties of Unreinforced and Reinforced Plastic Lumber; 1997.
- H. ASTM D 6109 - Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastic Lumber; 1997.

- I. ASTM D 6111 - Test Method for Bulk Density and Specific Gravity of Plastic Lumber and Shapes by Displacement; 1997.

1.4 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on signage and mounting materials, including installation methods.
- B. Shop Drawings: Submit shop drawings for custom architectural signs, precise dimensions, and installation details.
- C. Selection Samples: For each sign type specified, one catalog showing manufacturer's full range of available color combinations.
- D. Certification: Manufacturer's certification that products furnished comply with specified requirements.

1.5 QUALITY ASSURANCE

- A. Artwork: Architect will furnish camera-ready artwork for use in fabricating signs. Artwork will consist of clean full color images with maximum image area of 8 by 10, either in paper originals or in IBM-compatible electronic files in .eps, .tif, or .jpg format.
- B. Artwork: To be developed by sign manufacturer from copy provided by Architect.
- C. Mock-Up: Provide one complete sign of type required.
 1. Do not proceed with fabrication of remaining signage until workmanship, colors, and installation are approved by Architect.
 2. Approved mockup may be incorporated into the finished work.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Store materials protection from exposure to harmful weather conditions and at temperature conditions recommended by manufacturer. Prevent contact with materials that may cause corrosion, discoloration, or staining. Store off the ground in a safe, dry place.
- C. Handle signs in manner not to damage or mar sign surfaces.

1.7 WARRANTY

- A. 10 year

1.8 SEQUENCING

- A. Comply with manufacturer's ordering instructions and lead time requirements to avoid delays.

PART 2 - PRODUCTS**2.1 MANUFACTURERS**

- A. Genesis Graphics, Inc. 1823 7th Av. N. Escanaba, Michigan 49829 ph. 800-659-7734 fax. 906-786-0614 Locally Represented by Joan Ball, Genesis Graphics, Inc. 1823 7th Avenue North Escanaba, MI 49829 tel. 1-800-659-7734
- B. Acceptable others
 - 1. KVO Industries, Inc. | 1825 Empire Industrial Ct. Suite A | Santa Rosa CA 95403
P 707 573 6868 | F 707 573 6888
 - 2. The Plastic Lumber Company, Inc.; 540 South Main Street, Building 7; Akron, Ohio 44311-1023. Telephone: 330-762-8989. Fax: 330-762-1613. Email: sales@plasticlumber.com. Websites: www.plasticlumber.com and www.simplesigns.com.

2.2 MATERIALS

- A. High Pressure Laminate (dHPL)
 - 1. Graphic imaging surface paper impregnated with melamine resins and combined with kraft paper core sheets impregnated with phenolic resins. These sheets are then bonded under high pressure and temperature. Finished sheets are then cut and edge finished.
 - 2. Maximum sheet size is 5X12 ft. with maximum image size of 58X142 in.
 - a. Thicknesses: 1/2 in.
 - b. Sign Size: 8" x 10" x 1/2" with threaded inserts for mounting.
 - c. Corners: Radius of 1/2"
- B. Heavy Gauged Aluminum Post
 - 1. 3" x 3" x 60" aluminum post with 6" x 6" plate. 6" x 6" plate shall be mounted at 45 deg angle to post.
 - 2. Powdercoated black.
- C. Fasteners
 - 1. Bolts shall be black, tamper resistant.

2.3 Concrete footing

- A. Provide 3000 PSI air entrained ready-mixed concrete conforming to ASTM C-94-, maximum 3" slump.

2.4 FABRICATION

- A. Custom Architectural Signs: Fabricate to design provided by AOR.
 - 1. Digital files shall be supplied from AOR that indicate: Size, Sign Message, Letter Height and color.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that areas to receive signage are properly prepared.

3.2 INSTALLATION

- A. Install signs at locations indicated and in accordance with manufacturer's instructions and approved shop drawings.
- B. In undisturbed or compacted soil, drill or hand excavate holes using post hole digger to dimensions required.
- C. Set posts in proper position, plumb and not less than 3 inches (75 mm) above bottom of excavation, and place concrete around posts, vibrating or tamping for consolidation.
- D. Attach signs to support posts as recommended by manufacturer. Install signs plumb, level, at proper angle to landmarks, and at heights indicated, with surfaces free from distortion.

3.3 CLEANING AND PROTECTION

- A. Clean surfaces of signs that have become soiled during installation process.
- B. Protect installed signs from damage until completion of project.
- C. Touch-up, repair or replace damaged signs after Substantial Completion.

END OF SECTION

SECTION 32 93 11**PLANTINGS****PART 1 - GENERAL**

1.1 SUMMARY

- A. Section includes landscaping work as shown and specified.

1.2 SUBMITTALS

- A. Submit list of sources for plant material to be provided.
- B. Submit photographs of proposed plant material taken in the nursery where they are grown prior to requesting inspection and tagging.
- C. Submit two copies of written maintenance instructions for care of installed plants.
- D. Samples:
 - 1. Submit samples and certified analyses by recognized laboratory for humus, fertilizer. Manufacturer's analysis for standard products will be acceptable.
 - 2. For environmental analysis, submit representative soil samples (no composite samples) to a laboratory certified by the Illinois Environmental Protection Agency and provide analysis results to the Boards Authorized Representative for approval in accordance with Division 31 Section "Acceptance of Backfill, Topsoil and CU Structural Soil."
 - 3. Review shall not be construed as final acceptance. Architect may take samples of materials delivered to site and analyze them for compliance with specifications.
- E. Percolation Test results:
 - 1. Perform percolation tests in tree pits as required by the Chicago Landscape Ordinance. Submit 5 copies of test results to Architect.
- F. Comply with State of Illinois and federal laws with respect to inspection of all plants for plant diseases and insect infestation. Submit an inspection certificate, required by law to this effect, with each shipment.
- G. Preinstallation Conference: Conduct preinstallation conference at the Site in compliance with requirements of Division 01 Section "Project Management and Coordination":
 - 1. Review maintenance procedures for surrounding streets, walks, paving and site amenities.
 - 2. Review procedures for work on public property.
 - 3. Review plant locations and procedures for adjustment.

1.3 QUALITY ASSURANCE

- A. Ability to Deliver:

1. Investigate sources of supply and confirm they can supply plants specified on plant list in sizes, variety, and quality noted and specified before submitting bid. Failure to take this precaution will not relieve responsibility for furnishing and installing plant material in accordance with Contract requirements.
2. Substitutions may be permitted only upon submission of written proof that specified plant is not obtainable locally. Such substitution may be made upon written authorization by Architect.
3. Furnish and install plants shown on drawings in quantity and size designated.

B. Inspection:

1. Submit photos of plant material as grown in the nursery for preliminary review by Architect. Select and tag plant material before requesting inspection by Architect.
2. In addition to review of plant material photographs, Architect may inspect plant material at nursery. Such inspection shall be in addition to inspection at job site.
 - a. If plants and materials required to be inspected are located outside radius of 25 miles from Project site, Architect's direct and indirect cost including normal profit shall be borne and paid by Contractor.
3. Upon delivery and before planting request inspection of plants by Architect.
4. Inspection and approval is for quality, size, and variety only, and in no way impairs right of rejection for failure to meet other requirements during progress of Work.
5. Contractor shall be present during required inspection or as may be required by Architect.

C. Qualifications of installer: Work under this Section is to be performed by a Landscape Contracting firm which has a minimum of 5 years experience successfully completing projects of a similar size and value.

D. Perform planting by personnel familiar with accepted landscape planting procedures. A qualified foreman, with a minimum of 5 years experience installing plant material is to be on-site during planting procedures.

E. Reference Standards

1. Provide analyses and tests of topsoil, fertilizer and humus in accordance with requirements of Association of Official Agricultural Chemists.
2. Provide environmental analysis of topsoil to the Boards Authorized Representative 10 days before depositing any soil on site. Soil sample analysis shall not be composite samples, and shall be collected and analyzed in accordance with Division 31 Section "Acceptance of Backfill, Topsoil and CU Structural Soil." The date of the topsoil analysis report shall be within 60 days of the importing such material to the site.
3. Plant names used in plant list are in accordance with "Standardized Plant Names," published by American Joint Committee on Horticulture Nomenclature (current edition).
4. Size grading standards of plant materials shall be in accordance with American Association of Nurseryman, Inc., (AAN) Code of Standards ANSI Z60.1.

1.4 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Preparation for Delivery:

1. Balled and Burlapped (B&B) Plants:
 - a. Dig and prepare for shipment in manner that will not damage roots, branches, shape, and future development of plant.
 - b. Originate from soil which will hold good ball when wrapped with burlap or similar material, bound with twine or cord so as to hold balls firm and intact.
 - c. Ball Sizes: Not less than standard established by AAN.
 - d. Drumlace plants 2 inches in caliper and over.
2. Potted or Container Plants
 - a. Provide container to hold ball shape protecting root mass during delivery and handling.

B. Delivery:

1. Plant Material: Take precautions in accordance with best trade practices to ensure arrival of plant material at job site in good condition and without injury. Cover plants to prevent drying, transit disease or injury.
2. Fertilizer: Deliver fertilizer to site in original, unopened containers bearing manufacturer's guaranteed chemical analysis, name, trade name, trademark, and conformance to state law.
3. Notify Architect, a minimum of 24 hours before delivery of plant material.
 - a. Failure to notify Architect in advance, in order to arrange proper scheduling may result in loss of time or removal of plant or plants not installed as specified or directed.
4. Each shipment shall be accompanied by invoice showing sizes and varieties of plants included in each shipment.
 - a. Provide copy of invoice to Architect upon delivery of plant material.

C. Storage:

1. Plant Material:
 - a. Set plants which are not to be planted within 4 hours, on ground and heal in with peat, soil, mulch or other media.
 - b. Protect roots of plant material from drying or other possible injury.
 - c. Water plants as necessary until planted.
 - d. Plants shall not remain unplanted for longer than 3 days.
2. Store fertilizer, humus, and spray materials in weatherproof storage areas and in such manner that their effectiveness will not be impaired.

1.5 JOB CONDITIONS

A. Planting Seasons:

1. Spring Planting: From time soil becomes workable to June 15. Fall Planting: September 1 to November 15. Plant evergreen shrub plantings no later than November 1, and evergreen tree plantings no later than October 15.
 2. Summer Season: June 2 through August 31. Planting shall be considered unseasonable and shall require approval by Architect. Approval to plant under such conditions shall in no way relieve Contractor from guarantee provisions of these specifications.
 3. Container Plants: Planting season designated above may be extended for container grown plants when approved by Architect.
- B. Plant only when weather and soil conditions are suitable in accordance with best practices of industry.
- C. Protection:
1. Protect seeded and planted areas against damage by other work.
 2. Replace, repair, restake or replant sod or plantings which are damaged.
 3. Protect lawn areas, and repair damage resulting from planting operations.
- D. Wherever landscape work is executed in conjunction with other work, arrange schedule that will permit execution of landscape work as specified.

PART 2 - PRODUCTS

2.1 PLANT

- A. General:
1. Provide nursery grown plant material. Provide plants grown within same hardiness zone as project site or have been acclimated to conditions of same hardiness zone for minimum of two growing seasons. Hardiness zones shall conform to "Zones of Plant Hardiness" as provided by U.S. Department of Agriculture.
 2. Unless specifically noted otherwise, provide plants of selected specimen quality, have normal habit of growth and be sound, healthy, vigorous plants with well developed root systems, free of disease, insect pests, their eggs or larvae, and injuries.
 3. Do not prune before delivery. Prune only at time of planting.
 4. Trees that have damaged or crooked leader, or multiple leaders, are not acceptable unless specifically specified. Trees with abrasion of bark, sun scalds, disfiguring knots, or fresh cuts of limbs over 1-1/4 inches, which have not completely calloused, are not acceptable.
 5. Plants shall be freshly dug or container-grown. No heeled-in plants or plants for cold storage will be accepted, except as otherwise specified, unless Contractor makes such request in writing and plants are inspected and approved.
- B. Plant Name and Size:
1. Measure plants when branches are in their normal position. Height and spread refer to plant's main body and not from branch tip to branch tip.
 2. Take caliper measurement at point on trunk 6 inches above natural ground line for trees up to 4 inches in caliper and at point 12 inches above natural ground line for trees 4 inches and over in caliper.

3. If range of size is given, no plant shall be less than minimum size and not less than 50% of plants shall be as large as upper half of range specified.
4. Measurements specified are minimum size acceptable and are measurements after pruning, where pruning is required. Plants meeting measurements specified, but not producing normal balance between height and spread, are not acceptable.
5. Shrubs shall be matched specimens from single block source.
6. Plants shall be true to species and variety and shall conform to measurement specified in Plant List except that plants larger than specified may be used if approved by Architect. Use of such plants shall not result in increase in Contract price. If larger plants are approved, increase ball of earth in proportion to size of plant.
7. Where plants larger than specified have been submitted in writing for approval and approved in writing by Architect, Contractor shall assume responsibility of guarantee for plant in size as planted.

C. Balled and Burlapped Plants (Designated B&B):

1. Dig plants with firm natural balls of earth of diameter indicated below and of sufficient depth to encompass fibrous and feeding root system necessary for full recovery of plant.
2. Plants having balls broken or cracked during delivery or at time of planting will be rejected.
3. For Evergreen trees, trunk diameter shall be used to determine minimum required ball dimensions. Minimum ball dimensions shall be those as specified for single stem trees.
4. Diameter at top of each ball shall be diameter specified above and diameter at bottom of each ball shall not be less than 70% of specified top diameter. Top and bottom sources shall be parallel.
5. Ball shall be of specified depth at points perpendicular to bottom of ball.
6. Balls greater than 30 inches diameter shall be drum-laced.
7. Architect may reject any plant specified as balled and burlapped which fails to conform, in the Architect's opinion, to balling requirements set forth herein.

D. Container or Pot Grown Plants:

1. Container grown plants shall have heavy fibrous root system, or well developed taproot, that has been developed by proper horticultural practice including transplanting and root pruning.
2. Root system shall have developed sufficiently long for new fibrous roots to develop so root mass will retain its shape and hold together when removed from container.
3. In no case should container strangle or girdle natural growth of plant.
4. Groundcovers in containers pots shall have the minimum number of runners and length of runners in accordance with American Association of Nurserymen, Inc., ANSI Z60.1.
5. Diameter of spread shall determine inside diameter of pot in which they shall be grown for at least 3 months prior to delivery.
6. Plant container sizes shall conform to American Association of Nurseryman, Inc., ANSI Z60.1.

E. Deciduous (Shade and Ornamental Trees):

1. Street tree plantings shall be free of branches equivalent to 1/2 of tree height or so that crown of tree is in proportion to trunk as tree grows.

- a. Trees with ascending branches may be branched 1 foot or more below branch heights as listed.
 - 2. Provide trees of specimen quality.
 - F. Evergreen Trees/Shrubs:
 - 1. Provide evergreen trees of specimen quality.
 - 2. Provide evergreen shrubs of specimen quality.
 - 3. Columnar plants:
 - a. Provide columnar plants of specimen quality.
 - G. Deciduous Shrubs:
 - 1. Provide deciduous shrubs of specimen quality.
 - H. Perennial, Biennials, Prairie Forbs, and Grasses:
 - 1. Perennial, biennials, prairie forbes, and grasses specified as "container" or "pot" shall be provided as container grown plants, or shall be provided with firm natural balls of earth with diameter and depth in accordance with American Standard for Nursery Stock for size specified on Plant List.
 - 2. Ship balled plants in open-air boxes or crates that will minimize handling of each plant prior to installation. Do not plant balled plants if ball is cracked or broken either before or during process of planting.
- 2.2 PLANTING MATERIALS
- A. Water:
 - 1. Existing water supply from hose bibs at the project building may be used for all planting operations. Provide hose and equipment necessary for proper watering of plant material. Provide water at no extra cost if it is not available at the project site.
 - B. Topsoil:
 - 1. Topsoil shall be loamy soil from the A horizon of soil profiles of local soils. It shall be relatively free from large roots, sticks, weeds, brush, or stones larger than 25 mm (1 inch) in diameter, or other litter and waste products. At least 90 percent must pass the 2.00 mm (No. 10) sieve and the pH must be between 5.0 and 8.0.
 - 2. Composition: 45-77 percent silt, 0-25 percent clay, 25-33 percent sand.
 - 3. Acidity: pH 6.0 to 7.0; amend soil as indicated by tests to achieve this pH range.
 - 4. Organic content: Three to five percent.
 - 5. Environmental analysis requirements shall be in accordance with Division 31 Section "Acceptance of Backfill, Topsoil and CU Structural Soil."
 - 6. Import topsoil conforming to above requirements from off-site sources as required to complete the work. Do not obtain from bogs or marshes.
 - 7. Perform test analysis on each source of topsoil to demonstrate compliance with the above and submit reports as specified.

- C. Section 2.2:
 - 1. Shredded Hardwood Bark:
 - a. From mixed hardwood species and free of sticks leaves, and wood chips, 60% shall range between 1 inch and 3 inches in length; remaining 40% shall not exceed 1-1/2 inches.
 - b. Maximum of 5% content by weight of shredded wood particles.
- D. Drainage material:
 - 1. Free draining aggregate meeting the requirements of IDOT CA7 and having a pH of 5.5 - 7. Comply with the requirements of Division 31 Section "Acceptance of Backfill, Topsoil and CU Structural Soil."
- E. Aeration/drainage pipe:
 - 1. Perforated or slotted agricultural drainage pipe capable of withstanding required backfill compaction.
 - 2. Rigid riser pipe for vertical installation where indicated. Install slotted use compatible pipe and fittings such as tees and caps for horizontal and vertical installations.
 - 3. Cover aeration/drainage pipe with a geotextile sock.
- F. Filter fabric:
 - 1. Nonbiodegradable, needle-punched, non-woven, water permeable, 100% continuous polypropylene or polyester fabric, 3 oz. per sq. yd. minimum, designed for drainage applications without clogging or piping.
 - 2. Capable of withstanding backfilling and compacting operations without tearing or deforming.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Do not install plantings where depth of soil over underground construction, obstructions or rock is insufficient to accommodate roots or where pockets in rock or impervious soil will require drainage. Where such conditions encountered in excavation planting areas and where stone, boulders or other obstruction cannot be broke or removed by hand methods and where trees to be planted found under overhead wires, bring to the attention of the Architect. Alternate locations for planting may be designated by Architect.
- B. Remove rock or other underground construction and drain planting areas only when approved by Architect. Payment of extra shall be based on in-place volume required to provide normal requirements for plantings.
- C. Verify location of underground utilities with appropriate sources prior to construction. Contact JULIE at least 48 hours before commencing with construction operations. Repair damaged utilities.

- D. Conflicts with utilities shall be called to the Architect's attention before proceeding with work. Alternate locations may be designated by Architect.

3.2 INSTALLATION

A. Topsoil/Finish Grading:

1. Do not place or work topsoil in frozen or muddy condition.
2. Establish final grade as shown on drawings. Grades not otherwise indicated are uniform levels or slopes between points where elevations are given or between such points and existing finished grades.
3. Where drawings show existing grades of landscaped areas not to be changed remove enough material to allow placement of 18in. of new topsoil and 6 inches of drainage material beneath shrub plantings and 24 inches of topsoil minimum beneath tree plantings, unless existing topsoil to required depth is undisturbed and of equal or better quality than specified herein. In latter case, existing topsoil may be left in place and use only enough new topsoil to bring these areas up to grade.

B. Preparation:

1. Planting Season: Conform to planting seasons defined herein.
2. Preparation of Planting Areas: Cover surrounding turf (if existing) in manner to protect turfed areas that are to be trucked or hauled over and upon which soil is to be temporarily stocked.
3. Maintain at least one stockpile of topsoil for backfilling plants during planting operations.
4. Stake or paint locations of plants and bed lines. Architect must approve locations before excavation is started. Provide 48 hours notice for approval. Contractor to be present during approval. Make adjustments in locations and outlines as required. In event that pits or areas for planting are prepared and backfilled with topsoil to grade prior to commencement of lawn operations, mark so they can be readily located when work of planting proceeds.
5. Remove weed growth prior to planting installation.

C. Excavation for Planting:

1. Comply with the requirements of Division 31 Section "Soil, Fill, Backfill, CU Structural Soil and Construction and Demolition Debris Removal."
2. Excavate circular pits with vertical side for plants. Except for ground cover or other bedding type plant material.
 - a. Diameter of pits for trees shall be at least 2 feet greater than diameter of ball, or container.
3. Depth of pits for trees shall be as indicated, or as required by Ordinance, which ever is more beneficial to the growth of plants. Excavate to greater depth as suitable to accommodate ball, container or bare roots when plant is set to finish grade allowing for 6 in. of compacted, prepared soil in bottom of pit.
4. All planting areas must have adequate drainage. Install under drainage pipes in all planting areas and connect to storm sewer. Where percolation tests indicate adequate percolation of 1 inch per hour minimum, sump drainage may be used. Auger an 8-inch diameter by 6-foot deep drainage passage beneath individual tree pits. Fill passage with

drainage material and cover with filter fabric. Utilize continuous trench for rows of trees. Excavate a drainage sump of indicated dimensions adjacent to each tree. Fill sump with drainage material and cover with filter fabric.

5. Utilize continuous trench for shrub masses and hedges instead of separate round pits. Auger an 8-inch diameter by 6-foot deep drainage sump every 8 ft along length of plant pit. Fill passage with drainage material and cover with filter fabric.
6. Install aeration/drainage pipe system in tree planting trenches as indicated.

D. Testing of Plant Pits and Trenches:

1. Perform percolation tests for all plant pits.
2. Where obstructions below or above ground are encountered, alternate locations may be selected as approved by Architect.
3. Where locations cannot be changed as determined by Architect, submit cost required to remove obstructions to depth of not less than 6 in. below required pit depth. Proceed with work after approval of Architect.
4. Dispose of excavated material not suitable for backfilling offsite in legal manner.

E. Preparation of Planting Pits:

1. Loosen soil at bottom of pit to minimum depth of 4 inches by spading or other effective methods.
2. Scarify walls of plant pits.
3. Backfill pit with 6-inch layer of compacted, topsoil.
4. If drainage problems are encounter notify AOR immediately for review and direction.

F. Setting and Backfilling Plants:

1. Balled and Burlapped (B&B) Plants:

- a. Place plants being planted in pits or trenches in center of pit or trench on compacted, topsoil. Adjust compacted soil so that top of root ball bears same relationship to finish grade as it bore to its previous finish grade in nursery.
- b. Remove twine tied around tree trunk. Remove or roll down burlap or plastic wrap around ball. Remove wire and other non-decomposable materials. Untreated burlap need not be removed, but shall be loosened around tree trunk.
- c. Backfill planting pits with topsoil in 12-inch layers and tamp each layer to fill voids until planting mixture is at final grade.
- d. Remove nursery plant identification tags.

2. Container Grown Plants:

- a. Open and remove potted plants from containers.
- b. If growing medium is comprised of 75% or more of peat, perlite, sand or like material other than soil, pull visible roots away from container medium so as to leave roots partially exposed.
- c. Place plants in plant pit or trench and carefully backfill with topsoil among exposed roots. Continue backfilling and tamping in 6-inch layers until topsoil is at final grade.
- d. Remove nursery plant identification tags.

G. Saucer Formation:

1. Form shallow saucer around each isolated plant pit with topsoil.
2. Water plants immediately after planting.

H. Bed Edging:

1. Spade edge all planting beds and tree rings 2 inches deep.
2. Ragged edges and edging will not be accepted.

3.3 PRUNING

A. Prune trees and shrubs at time of or after planting as necessary. Prune and repair existing trees designated to remain.

B. Prune in accordance with standard horticultural practices to retain natural habit and shape of plant.

1. Shearing of plants will not be accepted, unless instructed by Architect.
2. Preserve leader(s) promoting symmetrical growth on multiple leader plants.

C. Prune and trim dead wood, suckers, and injured twigs and branches.

D. Use only clean, sharp tools.

E. Make cuts flush and clean avoiding injury to branch bark ridge or branch collar leaving no stubs.

F. For cuts greater than 3/4 in. in diameter and bruises or scars on bark, trace injured cambium back to living tissue and remove. Smooth and shape wounds so as not to retain water.

G. Prune flowering trees only to remove dead or damaged branches. Do not remove leader.

3.4 PROTECTION AND MAINTENANCE

A. Mulching:

1. Mulch shade trees, ornamental trees, singularly planted shrubs, hedge plantings, and massed plantings. Cover entire planting pit or trench with minimum 3-inch depth of shredded hardwood bark.
2. Mulch within five days after installation.

B. Watering:

1. Thoroughly water immediately after installation.
2. Water during period of temporary maintenance.

3.5 CLEAN UP

A. Remove soil or similar material brought onto paved areas, keeping these areas clean.

- B. Upon completion of planting, remove excess soil, stones, and debris and dispose of off-site in legal manner.

3.6 MAINTENANCE

- A. Maintain plant material until landscape operations have received substantial completion of the project. (This includes not only plant material but also installation completion (preliminary acceptance) of sodded areas as described in Division 32 Section "Sodding").
- B. Maintenance begins immediately after each plant is installed and shall include watering, necessary cultivation, weeding, pruning, disease and insect pest control, protective spraying, resetting of plants to proper grades or upright position, restoration of damaged planting saucers, and any other procedure consistent with good horticultural practice necessary to ensure normal, vigorous, and healthy growth of work.

3.7 ACCEPTANCE

- A. Planting Acceptance: At Preliminary Acceptance / Substantial Completion of the project, the Architect will inspect landscape work for acceptance.
 - 1. Acceptance requires:
 - a. Plant material shall conform to drawings with respect to quantity, quality, size, species, and location, except those items accepted or revised in field by Architect.
 - b. Plant material shall be in healthy condition as defined under guarantee requirements below.
 - c. Items shall appear to be in general conformance with specifications.

3.8 GUARANTEE

- A. Contractor shall guarantee for period of one year from the date of Preliminary Acceptance / Substantial Completion, replacement of plants which have died, or are in distressed/dying condition, or which have failed to flourish in such manner that their usefulness or appearance has been impaired. Replace any tree with dead main leader or crown that is 25% or more dead.
 - 1. Exclusions:
 - a. Contractor shall not be liable for replacement cost of plants damaged by deicing compounds, fertilizers, pesticides or other materials not specified in Contract Documents or not applied by the landscaper, by relocating or removal by others, by acts of God, or by vandalism, and losses due to curtailment of water by local authorities.
 - 2. Inspection of Maintenance:
 - a. During guarantee period, Contractor shall, from time to time, inspect watering, cultivation, and other maintenance operations carried on by Owner with respect to such work, and promptly report to Owner any methods, practices or operations considered unsatisfactory and not in accord with interests or good horticultural practices.

- b. Failure of Contractor to so inspect or report shall be construed as an acceptance of Owner's maintenance operations, and Contractor shall not thereafter claim or assert that any defects which may later develop are result of such methods or practices or operations.

3.9 REPLACEMENTS

- A. Plants which die or require replacement for other reasons during one-year guarantee period shall be replaced as soon as possible during following acceptable planting seasons:
 1. Spring Replacement Season: All plants - when ground becomes workable to June 15.
 2. Fall Replacement Season:
 - a. Deciduous plants - September 1 to November 15.
 - b. Evergreen plants - September 1 to November 1.
- B. Topsoil that does not conform to the environmental standards as detailed in specification Division 31 Section "Acceptance of Backfill, Topsoil and CU Structural Soil" shall be excavated and replaced with topsoil that does at Contractor's expense.
- C. Procedure:
 1. Dispose of plants off-site in legal manner.
 2. Replacements shall be of same size and species as original plant unless otherwise approved by Landscape Architect.
 3. Replacements shall be supplied and installed in accordance with specifications.
 - a. Additional one-year guarantee for replacement plants shall begin on date of final acceptance of plant material by Architect as documented in field report.
 4. Replacement and Damages:
 - a. Decisions of Architect for required replacements shall be conclusive and binding upon Contractor.
 - b. Contractor shall be responsible for repairing damage to property also caused by defective workmanship and materials.

END OF SECTION

APPLE POND RESTORATION:
 BID FORM - NATURAL AREAS BASE BID PRICING

2/5/2019

SITE PREPARATION				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Brush Clearing and Tree Thinning - Includes cutting, herbicide application, and removal/disposal of cut material	LS	1	\$	\$
Boom-Spray Herbicide Application - Includes initial herbicide application and any follow-up applications required to meet performance	LS	1	\$	\$
Riprap Removal - Includes removal/disposal of all existing concrete/riprap and installation of compacted rough grade topsoil in 2" lifts to meet existing grade	LF	1,705	\$	\$
Soil Scarification - Includes elimination of standing dead biomass when required and collection/disposal of sticks, stones, clods or other debris	LS	1	\$	\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

SOIL AMENDMENTS				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Fertilizer: Gypsum, applied	LBS	1,850	\$	\$
Fertilizer: Urea, applied	LBS	150	\$	\$
Fertilizer: Monoammonium Phosphate (MAP), applied	LBS	300	\$	\$
Fertilizer: Sulphate of Potash (SOP), applied	LBS	250	\$	\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

Actual quantities will be based upon the results of soil tests, Contractor shall be paid for fertilizers based upon materials used at the provided unit price

PLANTING OPERATIONS				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Seed, Installed - Transitional Buffer Seed Mix, includes planting zone layout	AC	0.22	\$	\$
Seed, Installed - Low Profile Prairie Seed Mix, includes planting zone layout	AC	0.84	\$	\$
Seed, Installed - Supplemental Shade Seed Mix, includes planting zone layout	AC	0.30	\$	\$
Seed, Installed - Wet-Mesic Prairie Seed Mix, includes planting zone layout	AC	0.12	\$	\$
Seed, Installed - Shoreline Seed Mix, includes planting zone layout	AC	0.19	\$	\$
Seed, Installed - Turf Repair Area, includes planting zone layout	AC	0.06	\$	\$
Plugs, Common Species Installed - Includes planting zone layout and establishment watering	EACH	5,100	\$	\$
Herbivory Protection Fencing, Installed - Includes installation of double row per linear foot, maintenance and removal following plant establishment	LF	1,700	\$	\$
Erosion Control Blanket – North American Green S75BN, installed (Includes Transitional Buffer, Low Profile Prairie, Supplemental Shade, and Turf Repair Areas)	SY	6,560	\$	\$
Erosion Control Blanket – North American Green C125BN, installed (Includes the Riprap repair area)	SY	1,040	\$	\$
Interim Stewardship - Until Substantial Completion	LS	1	\$	\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

NATURAL AREAS: TOTAL BASE BID (in numbers):	\$
---	----

NATURAL AREAS: TOTAL BASE BID (in words): _____ and _____/100

APPLE POND RESTORATION: ALTERNATE BID PRICING

2/5/2019

ALTERNATE #1 - Annual Natural Areas Stewardship				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Natural Areas Stewardship - 1st Growing Season	SF		\$	\$
Natural Areas Stewardship - 2nd Growing Season	SF		\$	\$
Natural Areas Stewardship - 3rd Growing Season	SF		\$	\$
TOTAL ALTERNATE #1 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #2 - Annual Natural Areas Stewardship				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Professional Prescribed Fire	Each	1	\$	\$
TOTAL ALTERNATE #2 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #3 - Landscape Enhancements: Bed Installations and Hardscape Improvements				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Install landscape beds along Creekmont Ct, per plans	LS	2	\$	\$
Install seating area, bench, landscape bed and trees along 161st St per plans	LS	1	\$	\$
Install interpretive sign, per plans	LS	1	\$	\$
TOTAL ALTERNATE #3 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.



Apple Pond Shoreline Restoration

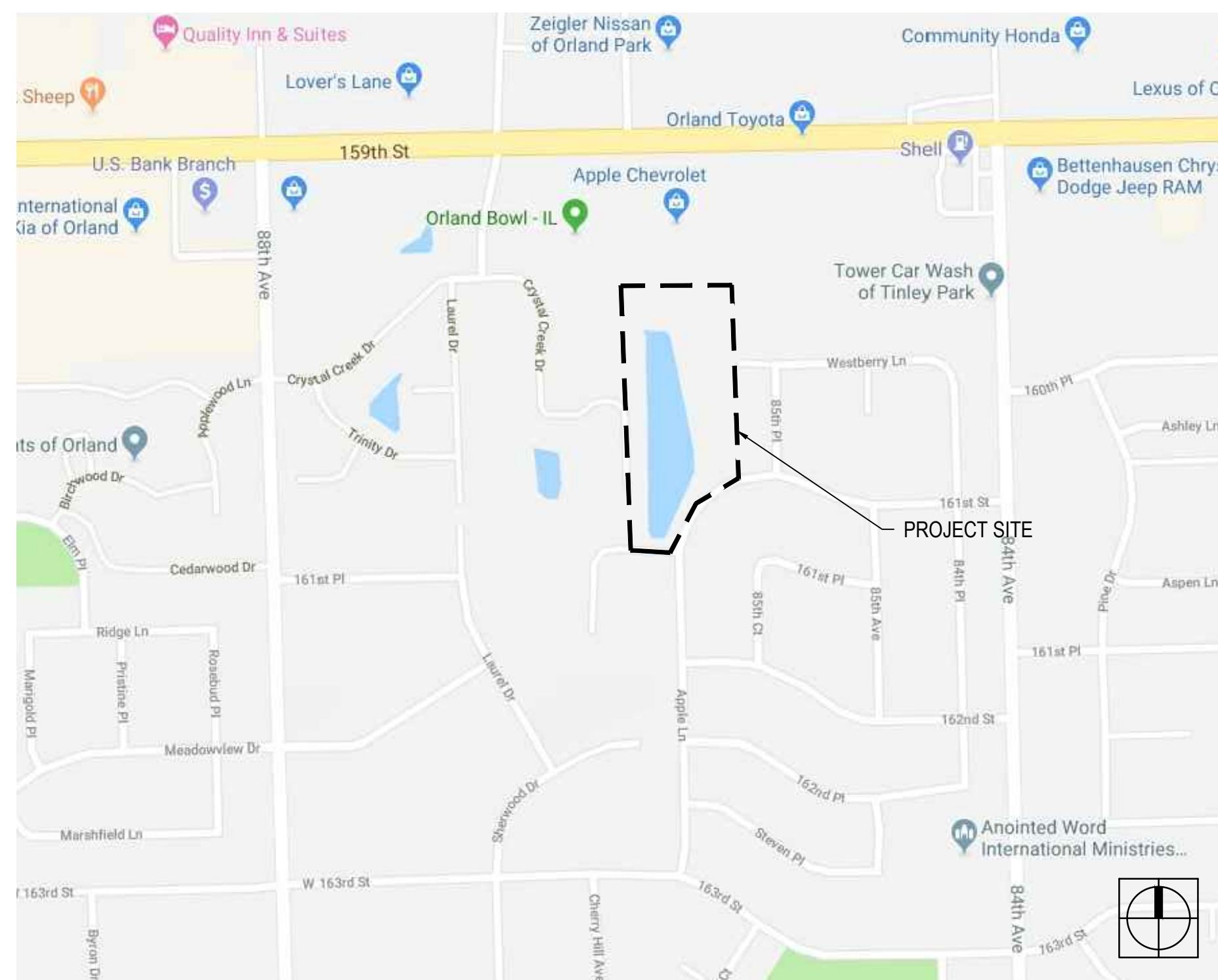
161st St & Creekmont Dr.
Tinley Park, IL 60487



site design group, ltd.
888 South Michigan Avenue #1000, Chicago, IL 60605
p. 312.427.7240 w. www.site-design.com



ecology+vision, llc
P.O. Box 601, Lisle, IL 60531
p. 615.981.8003 w. www.ecologyllc.com



PROJECT LOCATION MAP

TINLEY PARK APPLE POND SHORELINE RESTORATION

161ST ST & CREEKMONT DR.
TINLEY PARK, ILLINOIS 60487

ISSUED FOR BID
FEBRUARY 5, 2019

CLIENT
VILLAGE OF TINLEY PARK

PROJECT TEAM



site design group, ltd.
888 South Michigan Avenue #1000, Chicago, IL 60605
p. 312.427.7240 w. www.site-design.com



Landscape Architect



ecology+vision, llc
P.O. Box 601, Lisle, IL 60531
p. 615.981.8003 w. www.ecologyllc.com

Ecologist

SHEET INDEX

- G0-00 COVER SHEET
- G0-01 GENERAL NOTES
- G1-01 OVERALL SITE PLAN (FOR REFERENCE ONLY)
- R2-00 TREATMENT PLAN
- R3-00 RESTORATION PLAN
- L1-01-01 LANDSCAPE PLAN ENLARGEMENTS
- L2-01 LANDSCAPE DETAILS

ABBREVIATIONS

&	AND	HD	HEAVY DUTY	R	RADIUS
@	AT	HR	HOUR	ROW	RIGHT OF WAY
AFF	ABOVE FINISHED FLOOR	HT	HEIGHT	RET	RETAINING
AOR	ARCHITECT OF RECORD	L	LENGTH	SIM	SIMILAR
BOT	BOTTOM	LAV	LAVATORY	SS	STAINLESS STEEL
CONC	CONCRETE	LBS, #	POUNDS	STD	STANDARD
CJ	CONTROL JOINT	MH	MANHOLE	T/	TOP OF
DIA	DIAMETER	MAX	MAXIMUM	THK	THICK
EL	ELEVATION	MIN	MINIMUM	TS	TOP STEP ELEVATION
EXP	EXPANSION	MTD	MOUNTED	TYP	TYPICAL
EXIST	EXISTING	MTL	METAL	UNO	UNLESS NOTED OTHERWISE
FDN	FOUNDATION	NIC	NOT INCLUDED IN CONTRACT	VIF	VERIFY IN FIELD
FE	FINISHED ELEVATION	NO.	NUMBER	W	WIDTH
FFE/FF	FINISHED FLOOR ELEVATION	NTS	NOT TO SCALE	WD	WOOD
FIN	FINISHED	OC	ON CENTER	WT	WEIGHT
FL/FLR	FLOOR	OFCl	OWNER FURNISHED, CONTRACTOR INSTALLED	W/	WITH
GA	GALVANIZED	PIP	POURED IN PLACE	YR	YEAR
H	HEIGHT				

ISSUANCES

Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No : 8323

Drawn : JT File : 8323_covr.dwg

Checked : MM Scale : AS NOTED

Approved : BM

Sheet Title:

COVER SHEET

Drawing Number:



G0-00

GENERAL NOTES:

1. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES FOR ALL SCOPE AND OPERATIONS.
2. BEFORE SUBMITTING A PROPOSAL FOR THIS WORK, THE CONTRACTOR SHALL VISIT THE PREMISES AND ACQUAINT THEMSELVES FULLY WITH THE EXISTING CONDITIONS, TEMPORARY CONSTRUCTION REQUIRED, QUANTITIES AND TYPES OF EQUIPMENT REQUIRED, ETC. ANY BID SHALL INCLUDE ALL SUMS REQUIRED TO DO THE WORK WITHIN THE EXISTING CONDITIONS. DISRUPTION OF NORMAL ACTIVITIES IN THE WORK AREA MUST BE KEPT TO A MINIMUM.
3. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION, DIMENSIONS, AND ELEVATIONS FOR CONFORMANCE WITH THE DRAWINGS. ALL DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE AOR AND LA.
4. COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR ALL BUILDING ELEMENTS NOT SHOWN IN THESE DRAWINGS, ETC.
5. THE LANDSCAPE ARCHITECTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL AND OTHER DISCIPLINES' DRAWINGS. ALL DIMENSIONS, ELEVATIONS, DETAILS, BUILDING COMPONENTS, ETC. ARE TO BE CHECKED AGAINST ALL DOCUMENTS AS WELL AS THE PROJECT SPECIFICATIONS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE AOR AND LA IMMEDIATELY, AND RESOLVED PRIOR TO PROCEEDING WITH CONSTRUCTION. CONTRACTOR TO COORDINATE WITH ALL TRADES AND MAKE NECESSARY INVESTIGATIONS AND FIELD MEASUREMENTS.
6. SHOP DRAWINGS PREPARED BY THE CONTRACTOR AND/OR HIS SUPPLIERS SHALL BE REVIEWED BY THE AOR AND LA ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT. NO WORK SHALL BE STARTED WITHOUT SUCH REVIEW.
7. CONTRACTOR SHOP DRAWINGS PREPARED BY SUPPLIERS AND/OR SUBCONTRACTORS SHALL BE REVIEWED BY THE CONSTRUCTION MANAGER PRIOR TO SUBMISSION TO THE AOR AND LA.
8. CONTRACTOR SHOP DRAWINGS SUBMITTED PRIOR TO PERMIT RECEIPT ARE SUBJECT TO CHANGE. ADDITIONAL SERVICES FOR SUBSEQUENT REVIEW BY THE AOR AND LA, WILL BE PAID BY THE GC, AT NO COST TO THE OWNER.
9. CONTRACTOR SHOP DRAWINGS AND CALCULATIONS SHALL BE PROVIDED FOR ALL STRUCTURAL PREFABRICATED ITEMS TO AOR, SOR AND LA FOR REVIEW. ALL STRUCTURAL PREFABRICATED ITEMS TO BE SEALED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CONSTRUCTION.
10. DETAILS AND SECTIONS DESIGNATED AS "TYPICAL" APPLY TO AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE INDICATED BY DETAIL OR DETAIL TITLE UNO.
11. WATERSTOPS, VAPOR BARRIERS, ETC. SHOWN ON LANDSCAPE ARCHITECTURAL DRAWINGS ARE SCHEMATIC. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION ON WATER, MOISTURE AND CONDENSATION RESISTANCE DETAILING.
12. MISC. LOADS TO BE DESIGNED FOR UNO HEREIN OR WHEN REFERRING TO STRUCTURAL:
 - a. STAIRS 100 PSF LIVE LOAD, 300 LBS CONCENTRATED LOAD AT CENTER OF STAIR TREAD.
 - b. HANDRAIL VERTICAL AND HORIZONTAL THRUST OF 50 LBS./FT. APPLIED AT THE TOP OF THE RAILING OR A CONCENTRATED LOAD OF 200 LBS./FT. IN ANY DIRECTION, WHICHEVER PRODUCES THE GREATEST STRESS.
15. PRIOR TO THE COMMENCEMENT OF ANY INDIVIDUAL SCOPE OF WORK, CONVENE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
16. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO COMPLETE WORK SCOPE AT NO COST TO OWNER.
17. FOLLOW ALL LOCAL AND STATE STANDARDS, INCLUDING APPLICABLE DOT STANDARDS FOR WORK WITHIN THE RIGHT-OF-WAY. SUBMIT PLAN OF CONSTRUCTION STAGING FOR APPROVAL PRIOR TO START OF WORK.
18. IF WORK REQUIRES SIDEWALK OR STREET CLOSURE, CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY WORK AND MATERIALS TO DO SO.
19. INSTALL AND MAINTAIN MIN 9"HT CHAINLINK CONSTRUCTION FENCING AS INDICATED WITHIN SPECIFICATIONS TO PROTECT THE WORK FOR PUBLIC SAFETY AND TO PROVIDE SECURITY. ADJUST FENCING TO ACCOMMODATE PROGRESS OF CONSTRUCTION. MAINTAIN FENCING IN PLACE UNTIL SUBSTANTIAL PROJECT COMPLETION OR AS DIRECTED BY THE OWNER. INSTALL GATES FOR CONSTRUCTION ACCESS AS REQUIRED.
20. MODIFY AND RESTORE SITE CONDITIONS TO GAIN ACCESS INTO THE SITE. OWNER NOT RESPONSIBLE FOR RESTORATION COSTS DUE TO CONTRACTOR NEGLIGENCE DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY DOCUMENT THE EXISTING CONDITIONS OF THE SITE.
21. VERIFY THE EXACT LOCATIONS OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO THE START OF LANDSCAPE OPERATIONS. CONTRACTOR TO MAKE EVERY EFFORT POSSIBLE TO LOCATE ALL PRIVATE UTILITIES. CONTRACTOR TO ALSO BE RESPONSIBLE FOR MAINTAINING ALL UTILITY LOCATIONS AS MARKED BY THE UTILITY COMPANIES AND OWNER'S REPRESENTATIVE THROUGHOUT THE DURATION OF LANDSCAPE CONSTRUCTION.
22. BEFORE ANY EXCAVATION ON THE SITE, CALL TO LOCATE ANY EXISTING UTILITIES ON THE SITE. BECOME FAMILIAR WITH THE LOCATIONS OF ALL BURIED UTILITIES IN THE AREAS OF WORK BEFORE START OPERATIONS. REPAIR OR REPLACE ANY BURIED CONDUITS, CABLES OR PIPING DAMAGED DURING THE INSTALLATION OF THE WORK, AT NO COST TO OWNER
23. REMOVE FROM THE SITE IN A LEGAL MANNER ANY AND ALL DEBRIS GENERATED DURING CONSTRUCTION OPERATIONS.
24. DO NOT INTERFERE WITH THE USE OF ADJACENT PROPERTIES INCLUDING BUT NOT LIMITED TO BUILDINGS, PARKING LOTS, STREETS OR ALLEYS.
25. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, FENCING, FURNISHINGS, AND PLANTINGS, TREES, AND LAWNS FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUTS, AND OTHER HAZARDS CREATED BY SITE IMPROVEMENTS. IF ANY DAMAGE OCCURS, REPAIR TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO OWNER.
26. PROTECT AND/OR RESTORE EXISTING LAWN TO EXCELLENT CONDITION WITH TOPSOIL AND SOD. CONTRACTOR IS RESPONSIBLE FOR REPLACING ALL LANDSCAPE MATERIAL REMOVED OR DAMAGED DUE TO CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO OWNER.
27. VERIFY SITE CONDITIONS BEFORE PROCEEDING WITH WORK AND REPORT ANY CONFLICT WITH AOR AND LA.
28. QUANTITIES ARE SHOWN FOR REFERENCE ONLY. ALL QUANTITIES TO BE CONFIRMED BY CONTRACTOR. FOR ALL FINISH MATERIALS AND SITE FURNISHINGS CONTRACTOR TO PROVIDE 5% OR 1 ITEM MIN FOR ALL LOOSE ITEMS TO OWNER UNO.
29. IDENTIFY AND REPORT ANY SUBSOIL, SOIL AND/OR DRAINAGE ISSUES IMMEDIATELY TO THE ATTENTION OF THE AOR AND LA.
30. VERIFY ALL DIMENSIONS IN FIELD AND BRING ANY DISCREPANCIES IMMEDIATELY TO THE ATTENTION OF THE AOR AND LA.
31. COORDINATE WORK WITH ALL OTHER TRADES.
32. RESTORE ANY AREAS IMPACTED BY CONSTRUCTION OPERATIONS WHETHER WITHIN OR OUTSIDE OF PROJECT LIMITS.
33. PERFORM ALL MAINTENANCE ACTIVITIES WITHIN THE PROJECT LIMITS THROUGH FINAL ACCEPTANCE.

EXCAVATION AND BACKFILL NOTES:

1. AFTER EXCAVATING FOR ALL EARTH-SUPPORTED FOOTINGS AND FOUNDATIONS, THE EXPOSED NATURAL SOIL SHALL BE THOROUGHLY COMPACTED TO 95% OF ASTM D1557 (MODIFIED PROCTOR) MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT PRIOR TO PLACING FILL.
2. NO MUD SLABS, FOOTINGS, OR SLABS SHALL BE PLACED ONTO OR AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.
3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PREVENT ANY FROST OR ICE FROM PENETRATING ANY FOOTING OR SLAB SUBGRADE BEFORE AND AFTER PLACEMENT OF CONCRETE UNTIL SUCH SUBGRADES ARE FULLY PROTECTED BY THE PERMANENT STRUCTURE.
4. THE CONCRETE FOR EACH ISOLATED FOOTING SHALL BE PLACED IN ONE (1) CONTINUOUS PLACEMENT.
5. THE CONTRACTOR SHALL PREPARE ALL CONSTRUCTION PROCEDURES AND SEQUENCES AND SUBMIT FOR THE AOR, EOR, LA, AND GEOTECHNICAL REVIEW PRIOR TO THE START OF CONSTRUCTION.

CONCRETE AND FORMWORK NOTES:

1. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING (INCLUDING BUT NOT LIMITED TO) AMERICAN CONCRETE INSTITUTE PUBLICATIONS:
 - a. ACI 301 - SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
 - b. ACI 304 - GUIDE FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE
 - c. ACI 311 - GUIDE FOR CONCRETE INSPECTION
 - d. ACI 315 - DETAILS AND DETAILING OF CONCRETE REINFORCEMENT
 - e. ACI 318 - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY
 - f. ACI 347 - GUIDE TO FORMWORK FOR CONCRETE
2. CONCRETE SHALL BE AS FOLLOWS:
 - a. CONCRETE F'C PSI @ 28 DAYS
 - i. FOUNDATIONS AND FOOTINGS NORMAL WEIGHT (145 PCF) F'C = 4000 PSI

- ii. GRADE BEAMS NORMAL WEIGHT (145 PCF) F'C = 4000 PSI
 - iii. EXTERIOR SLAB ON GRADE NORMAL WEIGHT (145 PCF) F'C = 4000 PSI
 - iv. PADS FOR MEP EQUIP. NORMAL WEIGHT (145 PCF) F'C = 4000 PSI
 - v. ELEVATED SLABS, BEAMS NORMAL WEIGHT (145 PCF) F'C = 8000 PSI
3. ALL EXTERIOR EXPOSED CONCRETE SHALL BE AIR- ENTRAINED TO GIVE THE CONCRETE AN AIR CONTENT OF 6 +/- 1.1/2% BY VOLUME. WATER REDUCING PLASTICIZING ADMIXTURES MAY BE USED, PENDING APPROVAL OF THE AOR AND LA.
 4. NO CALCIUM CHLORIDE OR CHLORIDE ION PRODUCING ADD MIXTURE SHALL BE USED IN ANY CONCRETE.
 5. CONCRETE PROTECTION FOR REINFORCING BARS SHALL BE AS FOLLOWS:
 - a. FOOTINGS 3" CLEAR, SIDES AND BOTTOM
 - b. WALLS 2" CLEAR, OUTSIDE FACE, 1 1/2" CLEAR, INSIDE FACE
 - c. SLABS 1" CLEAR
 - d. PIERS 2" CLEAR TO TIES

HARDSCAPE NOTES:

1. PRIOR TO THE COMMENCEMENT OF HARDSCAPE SCOPE OF WORK, CONVENE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
2. CONFIRM ALL HARDSCAPE QUANTITIES AND DIMENSIONS.
3. STAKE AND PAINT OUT ALL STRUCTURE EXTENTS AND FOOTING LOCATIONS, WALL FACES/CURBS, STAIR LOCATIONS, CURB/FACES/BACKS AND PAVING EDGES PER PLANS FOR AOR AND LA REVIEW AND APPROVAL PRIOR TO EXCAVATION AND INSTALLATION. ADJUST ANY LAYOUT MODIFICATIONS BY AOR AND LA AT NO ADDITIONAL COST TO THE OWNER. ALL SURVEY AND LAYOUT COSTS BY CONTRACTOR.
4. ESTABLISH APPROVED LAYOUT LINES AND GRADES AND MAINTAIN THROUGH CONSTRUCTION FOR VERIFICATION BY AOR AND LA. ALL LINES TO BE STRAIGHT AND TRUE, ALL CURVES SHALL BE SMOOTH AND NON-FACETED WITH BOTH IN ACCORDANCE WITH THE PLANS AND APPROVED FIELD LAYOUT BY AOR AND LA.
5. FOR PRECISION OF LAYOUT REQUIREMENTS SEE SPECS. ALL EDGES OF HARDSCAPE ELEMENTS TO BE PAINTED AND MAINTAINED FOR AOR AND LA REVIEW AND APPROVAL PRIOR TO FORMING. ALL FORMING AND REINFORCEMENT TO BE REVIEWED AND APPROVED BY AOR AND LA PRIOR TO POURING.
6. MATCH LINE AND GRADE OF PAVEMENT, LAWN AND PLANTING AREAS TO EXISTING ADJACENT AREAS.
7. TRANSITION SMOOTHLY BETWEEN DIFFERENT SLOPES WITHOUT ABRUPT CHANGES IN SLOPE. REFER TO GRADING PLAN.
8. REFER TO SPECIFICATIONS FOR PAVEMENT REPAIR AND RESTORATION CRITERIA.
9. FOR HARDSCAPE DETAILS, SEE SHEET(S) L2-01.

SITE FURNISHINGS NOTES:

1. PRIOR TO THE COMMENCEMENT OF SITE FURNISHINGS SCOPE OF WORK, CONVENE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
2. CONFIRM ALL SITE FURNISHING QUANTITIES AND DIMENSIONS.
3. PROVIDE STAINLESS STEEL TAMPER PROOF FASTENERS UNO.

PLANTING NOTES:

1. PRIOR TO THE COMMENCEMENT OF PLANTING SCOPE OF WORK, CONVENE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
2. CONFIRM ALL PLANTING QUANTITIES AND DIMENSIONS. QUANTITIES PROVIDED ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR TO VERIFY IMPLIED COVERAGE ON THE PLANTING PLANS. CONTRACTOR TO BRING ANY DISCREPANCIES TO THE ATTENTION OF THE LA AT THE TIME OF BID.
3. ALL PLANT MATERIAL TO BE INSTALLED IN CONFORMANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
4. EXISTING PARKWAY AND INTERIOR TREES/FENCING TO BE PROTECTED WHILE PROJECT IS UNDER CONSTRUCTION AND WILL BE REPLACED IF DAMAGED BY CONTRACTOR.
5. TAKE GREAT CARE NOT TO DAMAGE EXISTING OR NEW TREES OR OTHER PLANT MATERIAL DURING EXCAVATION, PLANTING AND OTHER CONSTRUCTION OPERATIONS. SEEK AOR AND LA APPROVAL TO WORK WITHIN THE DRIP LINE OF EXISTING TREES.
6. ALL PLANT MATERIAL TO BE SPECIMEN QUALITY, WELL MATCHED IN FORM, NURSERY GROWN, SOUND, HEALTHY, VIGOROUS AND FREE OF INSECTS, DISEASE AND INJURIES WITH HABIT OF GROWTH THAT IS TYPICAL FOR THE SPECIES. SIZES SHALL BE EQUAL TO OR GREATER THAN THOSE NOTED ON THE PLANT LIST(S). DO NOT PROCEED WITH PLANTING INSTALLATION UNLESS LA HAS APPROVED ALL PLANT MATERIAL. ALL B&B MATERIAL TO BE OBTAINED FROM NURSERIES WITH SIMILAR SOIL CONDITIONS AS THE PROJECT SITE.
7. PROVIDE AOR AND LA WITH PLANT LIST AND INTENDED NURSERY SUPPLIERS FOR EACH ITEM TO LA WITHIN 30 DAYS OF AWARD OF CONTRACT. ANY UNAVAILABLE PLANT MATERIAL SHOULD BE NOTED AT THAT TIME. AOR AND LA RESERVES THE RIGHT TO ASSIST IN PLANT SOURCING AS NECESSARY. PROVIDE AOR AND LA WITH SUBSTITUTION LIST IN THE EVENT PROPOSED MATERIALS ARE UNAVAILABLE PRIOR TO PROCUREMENT FOR FINAL REVIEW AND APPROVAL.
8. COORDINATE NURSERY SELECTION AND TAGGING WITH AOR AND LA. AOR AND LA RESERVES THE RIGHT TO ACCEPT OR REJECT ANY AND ALL PLANT MATERIAL AS IT RELATES TO THE REQUIREMENTS IN THE SPECIFICATIONS. AOR AND LA RESERVES THE RIGHT TO REJECT PLANT MATERIAL IF DAMAGED OR UNHEALTHY UPON ARRIVAL TO THE PROJECT SITE EVEN AFTER INITIAL APPROVAL.
9. PROVIDE IDENTIFICATION TAG FROM THE SUPPLYING NURSERY SHOWING COMMON AND BOTANICAL PLANT NAMES FOR AT LEAST ONE PLANT OF EACH UNIQUE SPECIES DELIVERED TO THE SITE.
10. PRIOR TO PLANTING INSTALLATION, VERIFY PLANTING AREAS ARE GRADED AT +/-0.1 FEET TO FINISHED GRADE.
11. FINISHED GRADE OF PLANTING AREAS TO MEET ADJACENT HARDSCAPES 2 INCHES BELOW ELEVATION OF HARDSCAPES UNO.
12. REMOVE ALL ROCK AND DEBRIS 1 INCH AND LARGER FROM PLANTING AREAS. LEGALLY DISPOSE ALL EXCESS MATERIALS RESULTING FROM THE WORK.
13. WITHIN PLANTING EXCAVATIONS, REMOVE CRUSHED AGGREGATE TO AN ADEQUATE DEPTH TO ENSURE THAT NO PART OF THE PLANT MATERIAL OR FUTURE EXTENTS OF ROOT SYSTEM IS IN CONTACT OR AFFECTED BY THE LIME OR LIMESTONE WITHIN THE AGGREGATE.
14. STAKE ALL TREES AND FLAG ALL SHRUB LOCATIONS FOR REVIEW AND APPROVAL BY AOR AND LA PRIOR TO PLANTING. PROVIDE LA WITH A MINIMUM OF 5 BUSINESS DAYS NOTICE PRIOR TO REVIEW.
15. SET ALL TREES AND SHRUBS ON TOP OF FINISHED GRADE PER APPROVED STAKED AND FLAGGED LOCATIONS FOR FACING AND FINAL APPROVAL BY AOR AND LA PRIOR TO PLANTING.
16. FOR ALL GRASSES, PERENNIALS, GROUNDCOVER AND ANNUALS, SET OUT PLANT MATERIAL ON TOP OF PROPOSED GRADE FOR AOR AND LA REVIEW PRIOR TO PLANTING IN ACCORDANCE WITH PLANTING PLANS. AOR AND LA RESERVE THE RIGHT TO MODIFY THE PLANTINGS AS NEEDED.
17. INSTALL ALL PLANT MATERIAL IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS.
18. REMOVE ALL PLANT TYING MATERIAL AND MARKING TAPES AT THE TIME OF PLANTING. LEAVE AOR AND LA NURSERY SEALS IN PLACE FOR THE DURATION OF THE SPECIFIED WARRANTY PERIOD.
19. FOR B&B MATERIAL, REMOVE TOP 1/3 OF METAL CAGE AND BURLAP FROM ROOT BALL AND PROPERLY DISPOSE. DO NOT FOLD DOWN, CAGE MUST BE REMOVED. IMMEDIATELY REPORT ANY DAMAGE TO ROOT BALLS OR PLANTS TO AOR AND LA.
20. FOR CONTAINER MATERIAL WHERE APPLICABLE LOOSEN ROOT MASS BY HAND OR IF REQUIRED BY CUTTING (4) 1 INCH DEEP VERTICAL SLITS EVENLY SPACED AROUND ROOT BALL OF PLANT PRIOR TO PLANTING. REPEAT SLITS IN X PATTERN ON BOTTOM OF ROOT MASS.
21. ROOT FLARE OF PLANTS TO BE SET MIN AT FINISHED GRADE OR NO MORE THAN 3 INCHES ABOVE FINISHED GRADE.
22. ROOT FLARE OF PLANTS INSTALLED IMMEDIATELY ADJACENT TO HARDSCAPE TO BE PLANTED NO MORE THAN 1 INCH ABOVE FINISHED GRADE TO ENSURE SMOOTH TRANSITION TO HARDSCAPE.
23. FOR PERENNIALS AND GROUNDCOVERS, PLANT 1 INCH ABOVE SOIL PROFILE TO ACCOMADE MULCH LAYER.
24. DO NOT ALLOW AIR POCKETS TO FORM IN SOIL WHILE BACKFILLING.
25. TREE STAKING AND GUYING TO BE REVIEWED WITH AOR AND LA WHEN DEEMED NECESSARY PRIOR TO INSTALLATION.
26. ALL NEWLY INSTALLED PLANT MATERIAL SHALL BEAR THE SAME RELATIONSHIP TO THE NEW GRADE AS THEY BORE TO NURSERY GRADES UNO.
27. WATER AND MAINTAIN PLANT MATERIAL WHILE BEING STORED ON SITE, IMMEDIATELY AFTER PLANTING AND UNTIL FINAL ACCEPTANCE.

28. ALL PLANTINGS BED EDGES TO HAVE A SPADED EDGE UNO. BOTTOM OF SPADED EDGE TO BE 2 INCHES BELOW THATCH OR ADJACENT HARDSCAPE SURFACE.
29. PROVIDE 2 INCH (AFTER SETTLEMENT) OF MULCH OVER ALL PLANTING BEDS UPON COMPLETION OF PLANTING OPERATIONS. MULCH TO BE A 50/50 BLEND OF ¼ INCH SHREDDED HARDWOOD BARK FINES AND ¼ INCH PINE BARK FINES UNO.
30. PRUNE AND MAINTAIN ALL PLANTINGS IN SITE TRIANGLES TO A HEIGHT BELOW 30 INCHES OR ABOVE 6 FEET AS REVIEWED AND APPROVED BY AOR AND LA.
31. SOD IS TO BE CUT WITH 1 INCH OF SOIL UNO.
32. DO NOT ALLOW SOD TO BE ROLLED UP FOR A PERIOD LONGER THAN 12 CONSECUTIVE HOURS.
33. AOR AND LA TO APPROVE FINE GRADING OF LAWN SOIL PRIOR TO SOD INSTALLATION.
34. SCARIFY LAWN SOIL 1/2 INCH PRIOR TO INSTALLATION AND APPROVED BY LA.
35. ALTERNATE SOD SEAMS TO ELIMINATE CONTINUOUS SEAMS, OVERLAPPING ADJACENT SOD PANEL BY ½ FOR SMALL ROLL SOD.
36. INSTALL AND MAINTAIN SOD TO ELIMINATE LUMPS IN SURFACE AND SEAMS.
37. SOD TO MEET ALL ADJACENT HARDSCAPE SURFACES FLUSH WITH TOP OF THATCH LAYER.
38. ROLL SOD WITH APPROPRIATELY SIZED ROLLER TO PROVIDE PROPER SOD TO SOIL INTERFACE.
39. COMPLETELY WATER IN SOD DEEPLY IMMEDIATELY AFTER ROLLING.
40. PROTECT SEEDED AREAS AND SLOPES AGAINST EROSION AND SEED LOSS DUE TO BIRDS AND OTHER WILDLIFE BY APPLYING SHORT TERM, BIODEGRADABLE EROSION CONTROL BLANKETS, MATS, AND/OR NETTING AFTER COMPLETION OF SEEDING OPERATIONS. ADHERE TO MANUFACTURER'S REQUIREMENTS FOR REQUIRED PLACEMENT AND STAKING.
41. PRUNING OPERATIONS SHOULD FOLLOW APPLICABLE ANSI STANDARDS UNO. UPON COMPLETION OF WORK UNDER THIS CONTRACT, PRUNE AND REPAIR INJURIES TO ALL PLANTS. LIMIT AMOUNT OF PRUNING TO MINIMUM NECESSARY TO REMOVE INJURED OR DAMAGED BRANCHES, TWIGS AND STEMS AND TO COMPENSATE FOR THE LOSS OF ROOTS AS A RESULT OF TRANSPANTING OPERATIONS. PRUNE IN SUCH A MANNER AS NOT TO CHANGE NATURAL HABIT OR SHAPE UNO. ALL HEDGE PRUNING TO BE COMPLETED UNDER THE REVIEW BY AOR AND LA.
42. DURING PUNCH LIST REVIEW, COORDINATE WITH AOR AND LA TO REVIEW AESTHETIC PRUNING NEEDS FOR ALL PLANTS. AOR AND LA TO MARK (WITH YELLOW RIBBON) OR SELF CONDUCT AESTHETIC PRUNING WITH CONTRACTOR AS PART OF THE SUBSTANTIAL COMPLETION REVIEW.
43. WARRANTY ALL PLANT MATERIAL FOR A MIN PERIOD OF 1 YEAR FROM FINAL ACCEPTANCE UNO IN THE SPECIFICATIONS. REMOVE AND REPLACE PLANTS AS DETERMINED BY LA TO BE SIGNIFICANTLY UNHEALTHY OR DEAD PER THE CRITERIA SET FORTH IN THE SPECS. CONDUCT REPLACEMENTS DURING THE APPROPRIATE PLANTING SEASON AS DETERMINED BY THE LOCAL CLIMATE AND INDUSTRY STANDARDS. REPLACEMENTS SHOULD CONFORM TO THE CRITERIA SHOWN AND SPECIFIED. SEE SPECS FOR ALL MAINTENANCE REQUIREMENTS, SIZE, CHARACTER AND FORM OF ALL REPLACEMENTS TO BE SIMILAR TO THE ORIGINAL APPROVED MATERIAL AND APPROVED BY THE AOR AND LA.
44. ALL PLANT MATERIAL IS SHOWN AS ANTICIPATED SIZE AT INSTALLATION. PLANT GROWTH VARIES BY SPECIES AND YEARLY CLIMATIC CONDITIONS.
45. FOR PLANTING DETAILS, SEE SHEET(S) L2-01.



Apple Pond Shoreline Restoration

161st St & Creekmont Dr.
Tinley Park, IL 60487



site design group, ltd. Landscape Architect
888 South Michigan Avenue #1000, Chicago, IL 60605
p. 312.427.7240 w. www.site-design.com



ecology+vision, llc Ecologist
P.O. Box 691, Leonts, IL 60511
p. 815.981.8203 w. www.ecologyllc.com

ISSUANCES

Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No : 8323
 Drawn : JT File : 8323_note.dwg
 Checked : MM Scale : AS NOTED
 Approved : BM

Sheet Title:

GENERAL NOTES

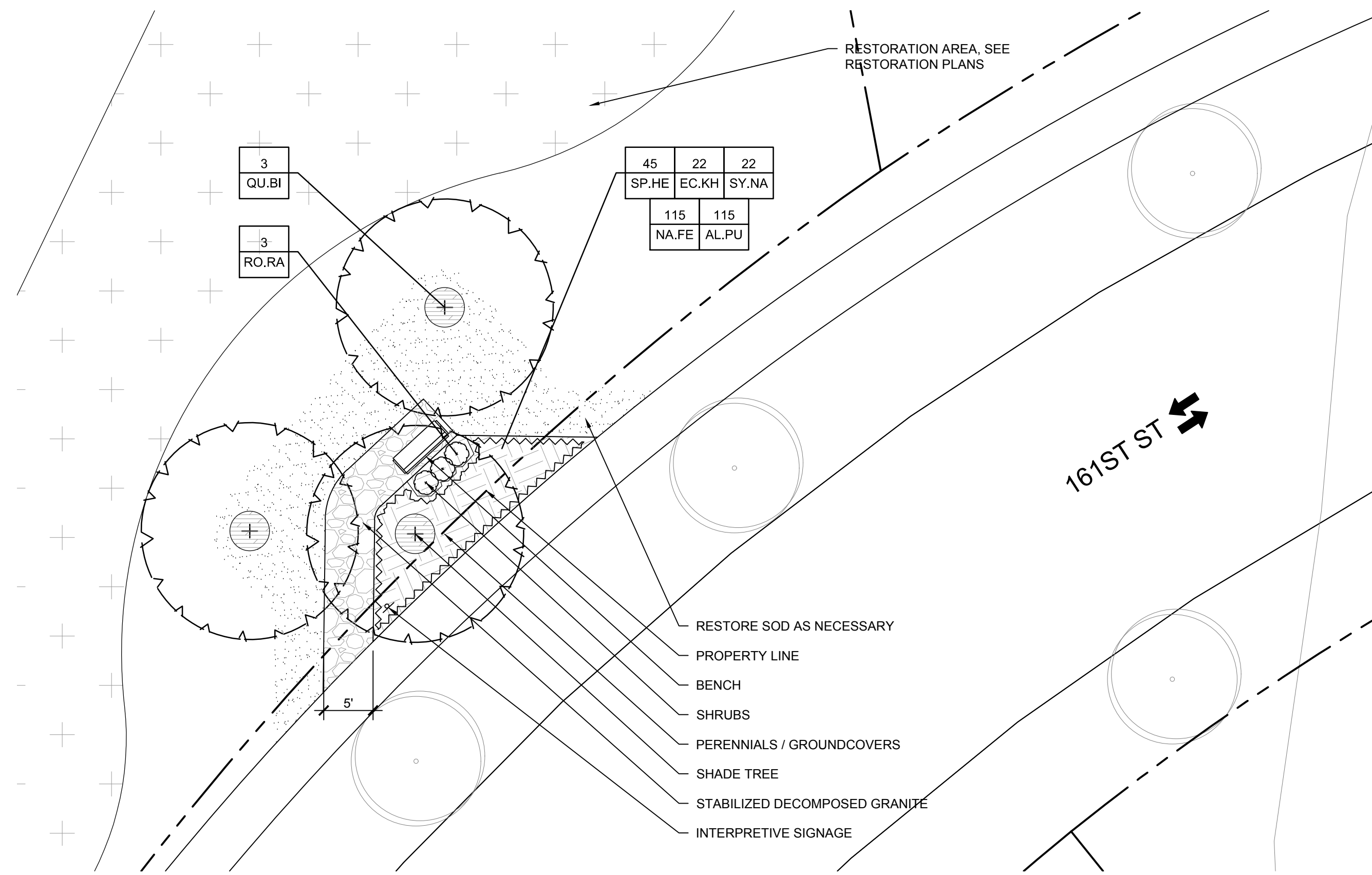
Drawing Number:

G0-01



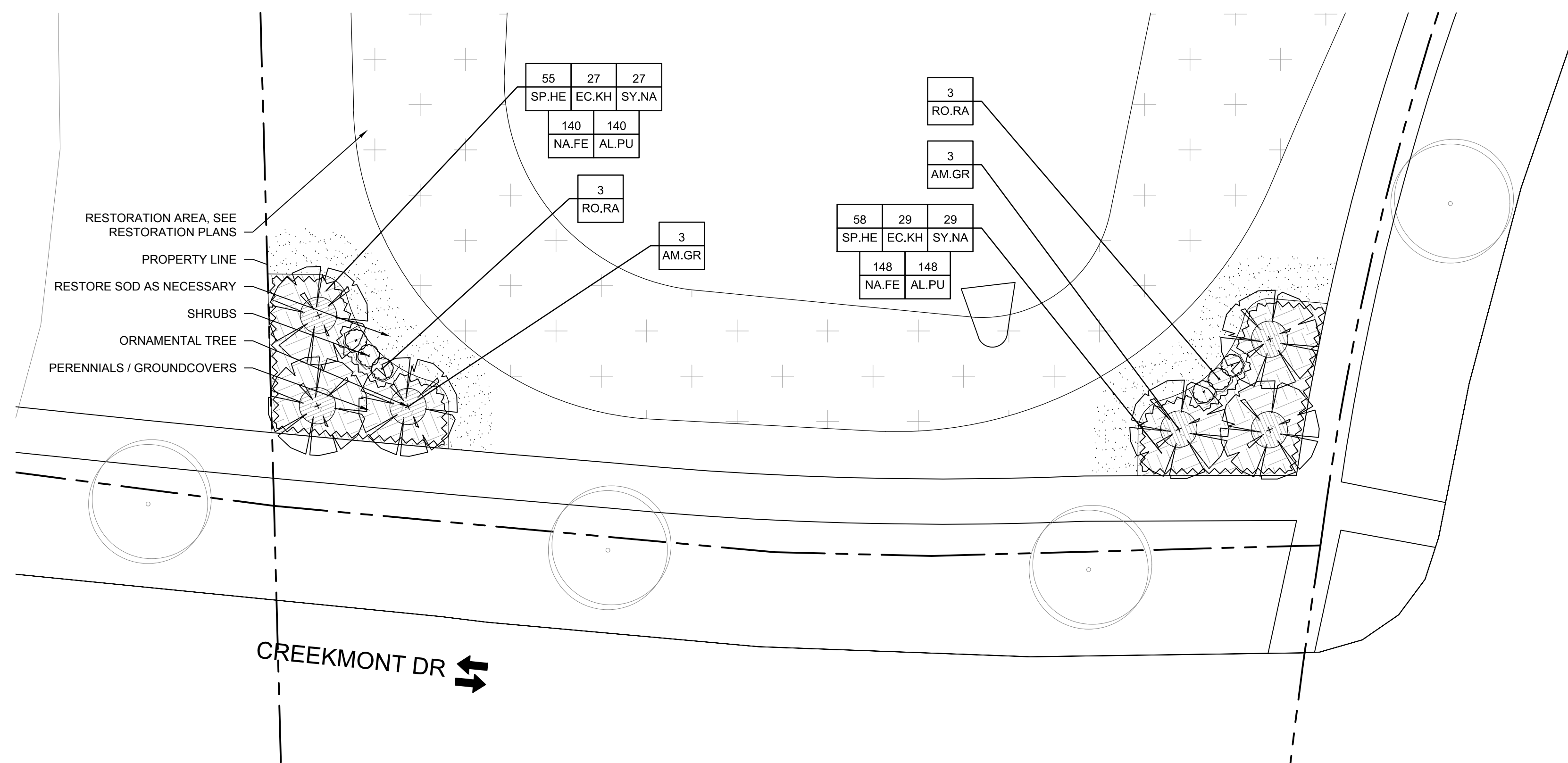
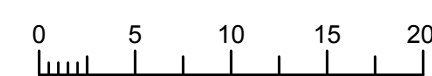
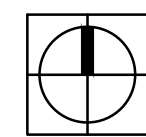
Apple Pond Shoreline Restoration

161st St & Creekmont Dr.
Tinley Park, IL 60487



SHADE TREES						
QU.BI	3	<i>Quercus bicolor</i>	Swamp White Oak	B&B	2.5" cal	matching heads
ORNAMENTAL TREES						
AM.GR	6	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance Serviceberry	B&B	8' ht	multi-stem
SHRUBS						
RO.RA	9	<i>Rosa</i> 'RadWhite'	White Knockout Rose	pot	#3	per plan
PERENNIALS						
EC.KH	78	<i>Echinacea</i> 'Kim's Knee High'	Kims Knee High Coneflower	pot	#1	18" o.c.
SP.HE	158	<i>Sporobolus heterolepis</i> 'Tara'	Tara Prairie Dropseed	pot	#1	18" o.c.
SY.NA	78	<i>Symphotrichum novae-angliae</i> 'Purple Dome'	Purple Dome Aster	pot	#1	18" o.c.
BULBS						
AL.PU	403	<i>Allium</i> 'Purple Sensation'	Purple Sensation Allium	bulb	12 cm	8" o.c.; plant in drifts
NA.FE	403	<i>Narcissus</i> '3D' Blend	3D Blend Daffodil	bulb	13 cm	8" o.c.; plant in drifts

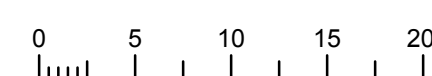
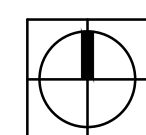
1 LANDSCAPE PLAN ENLARGEMENT
1" = 10'-0"



LEGEND

- PROPERTY LINE
- STABILIZED DECOMPOSED GRANITE
- PERENNIALS / GROUNDCOVERS
- SOD
- EXISTING TREE
- SHADE TREE
- ORNAMENTAL TREE
- SHRUBS
- BENCH
- INTERPRETIVE SIGN

2 LANDSCAPE PLAN ENLARGEMENT
1" = 10'-0"



ISSUANCES

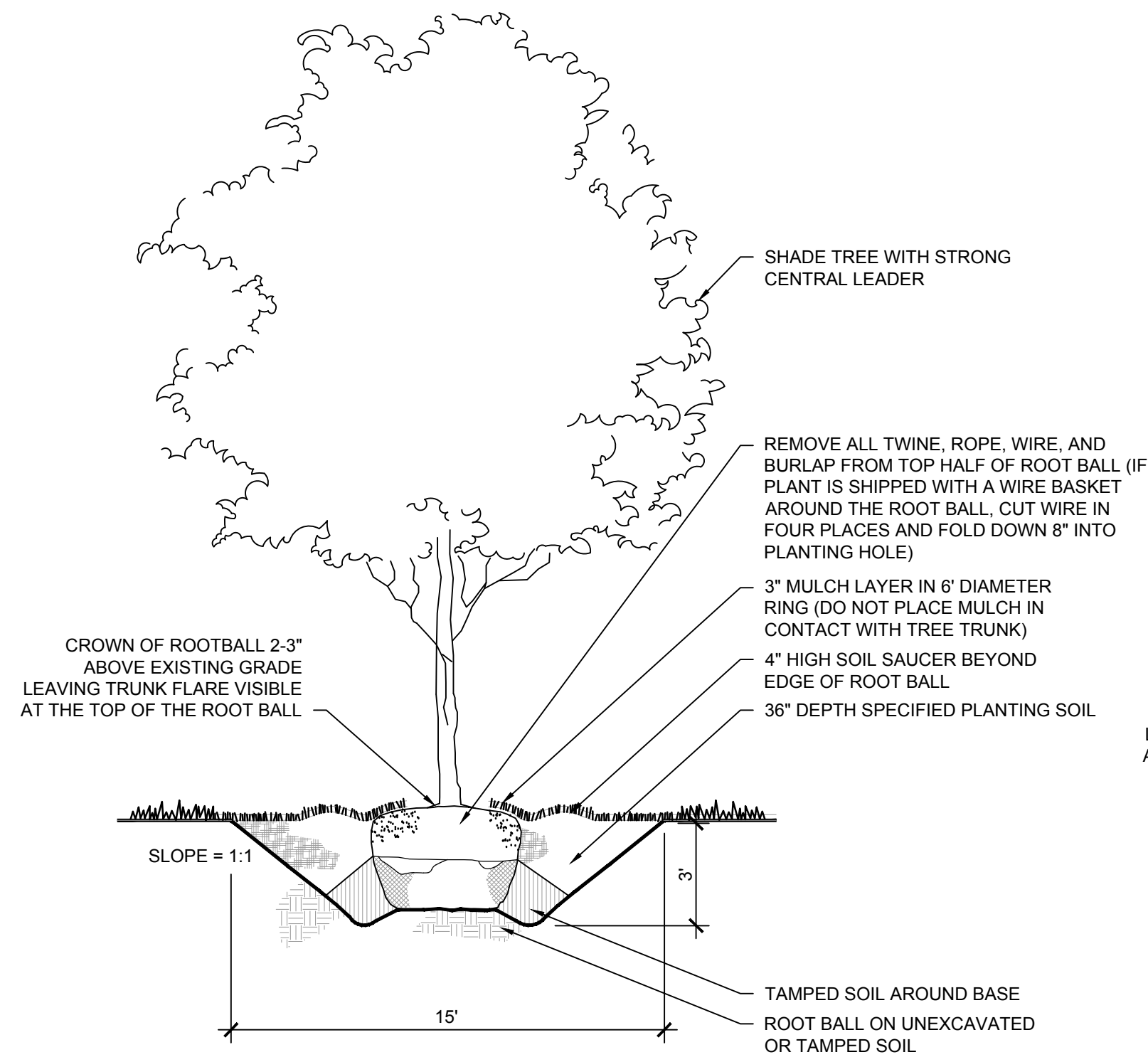
Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No : 8323
 Drawn : JT File : 8323_land.dwg
 Checked : MM Scale : AS NOTED
 Approved : BM

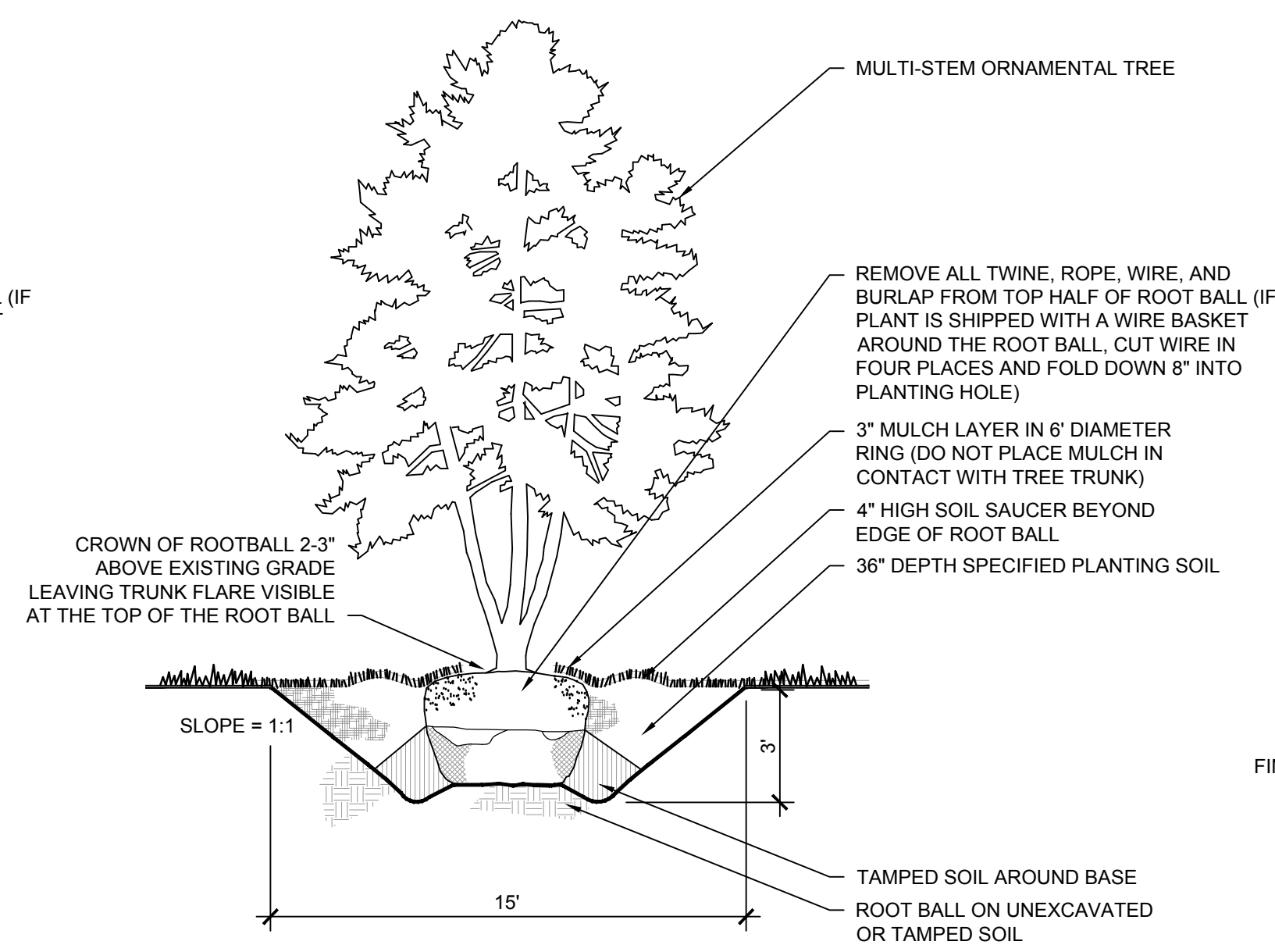
Sheet Title:
LANDSCAPE ENLARGEMENTS

Drawing Number:

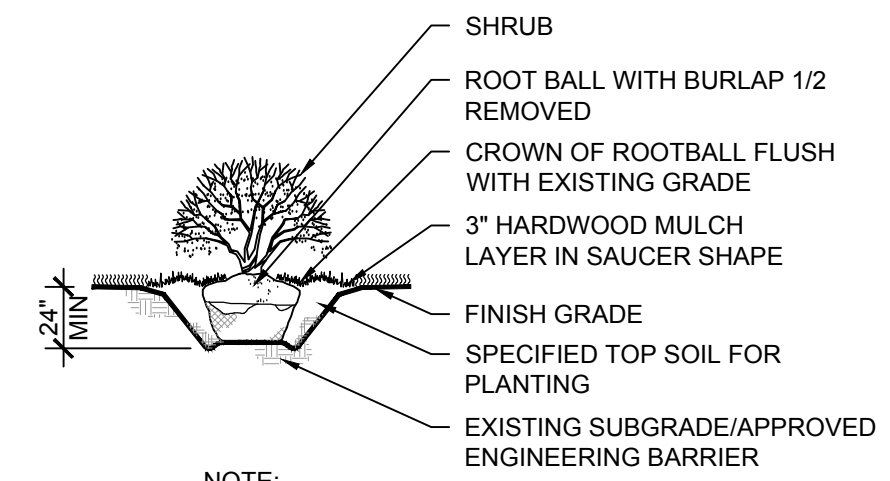
L1-01-01



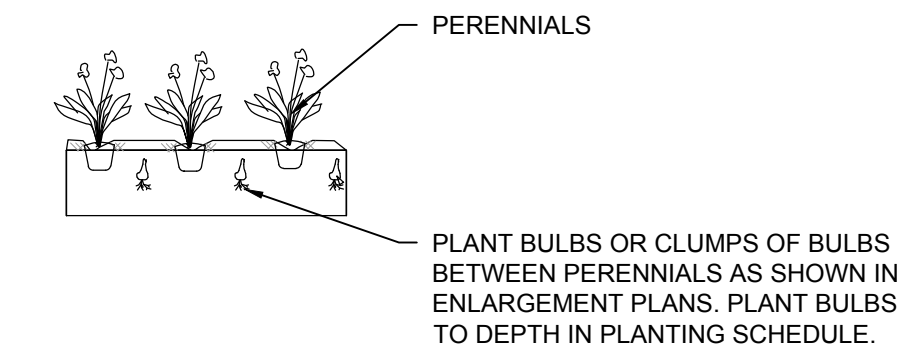
1 **SHADE TREE PLANTING SECTION**
NOT TO SCALE



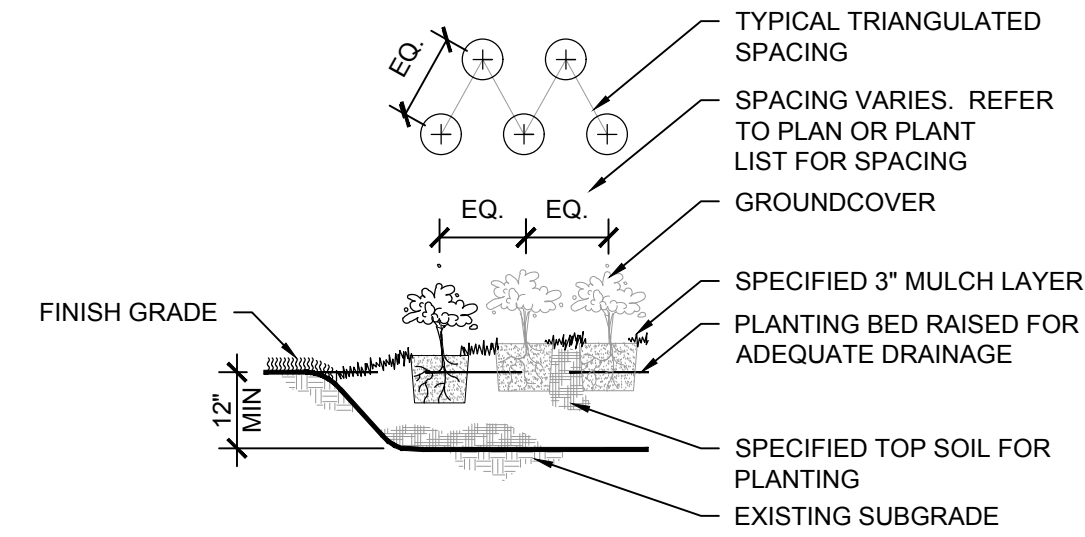
2 **ORNAMENTAL TREE PLANTING SECTION**
NOT TO SCALE



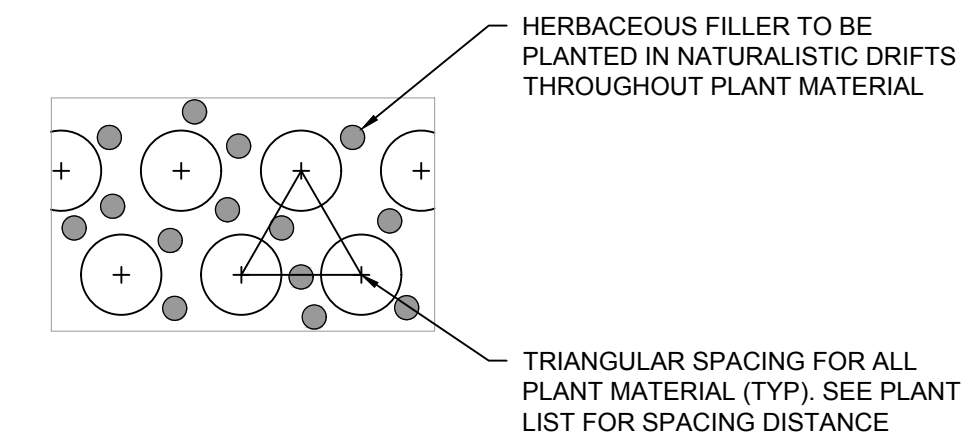
3 **SHRUB PLANTING SECTION**
NOT TO SCALE



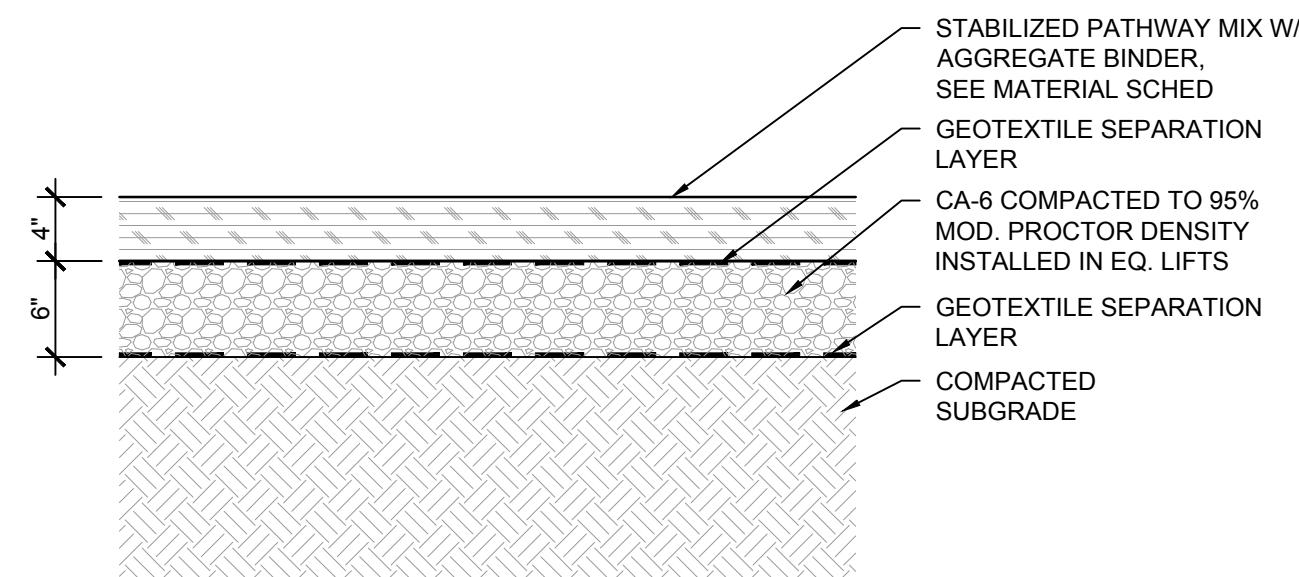
5 **BULB INSTALLATION DETAIL**
NOT TO SCALE



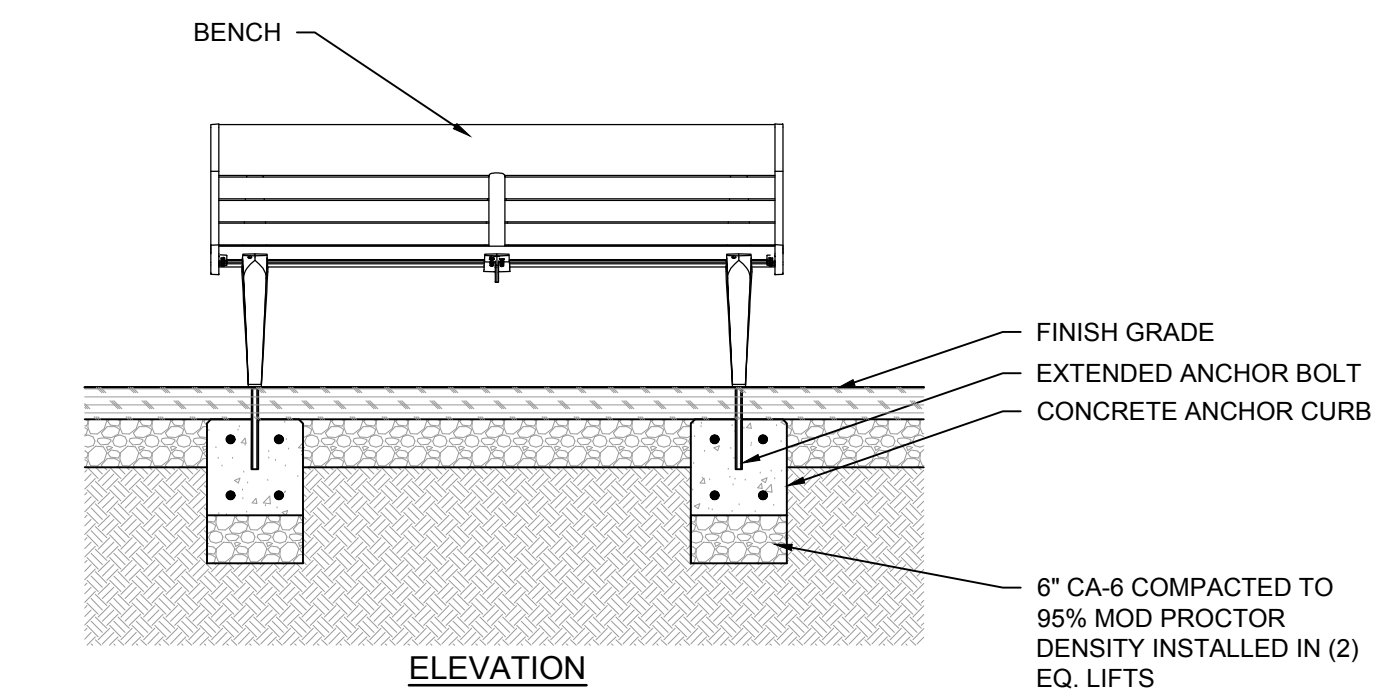
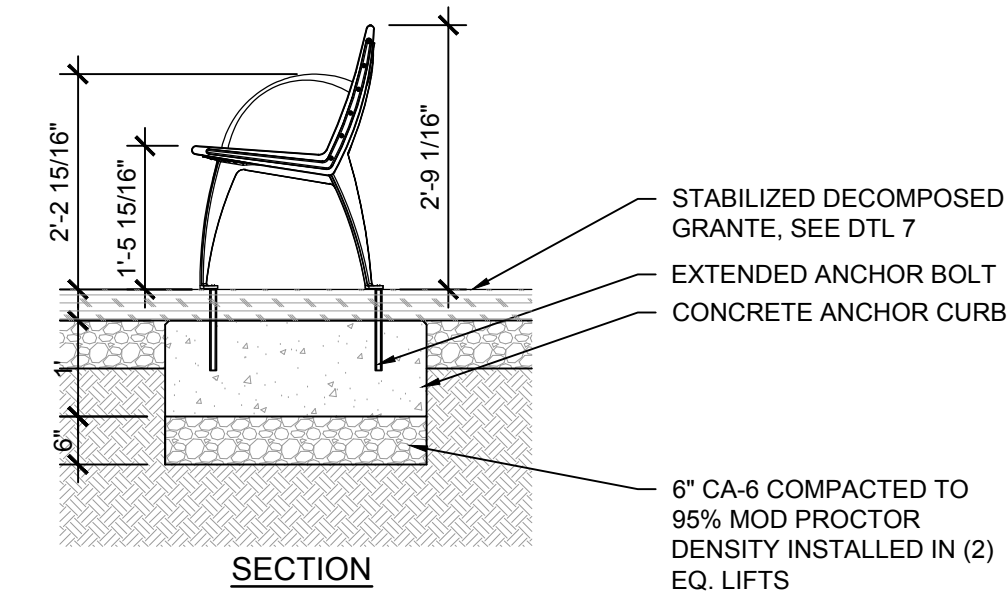
4 **PERENNIAL PLANTING SECTION**
NOT TO SCALE



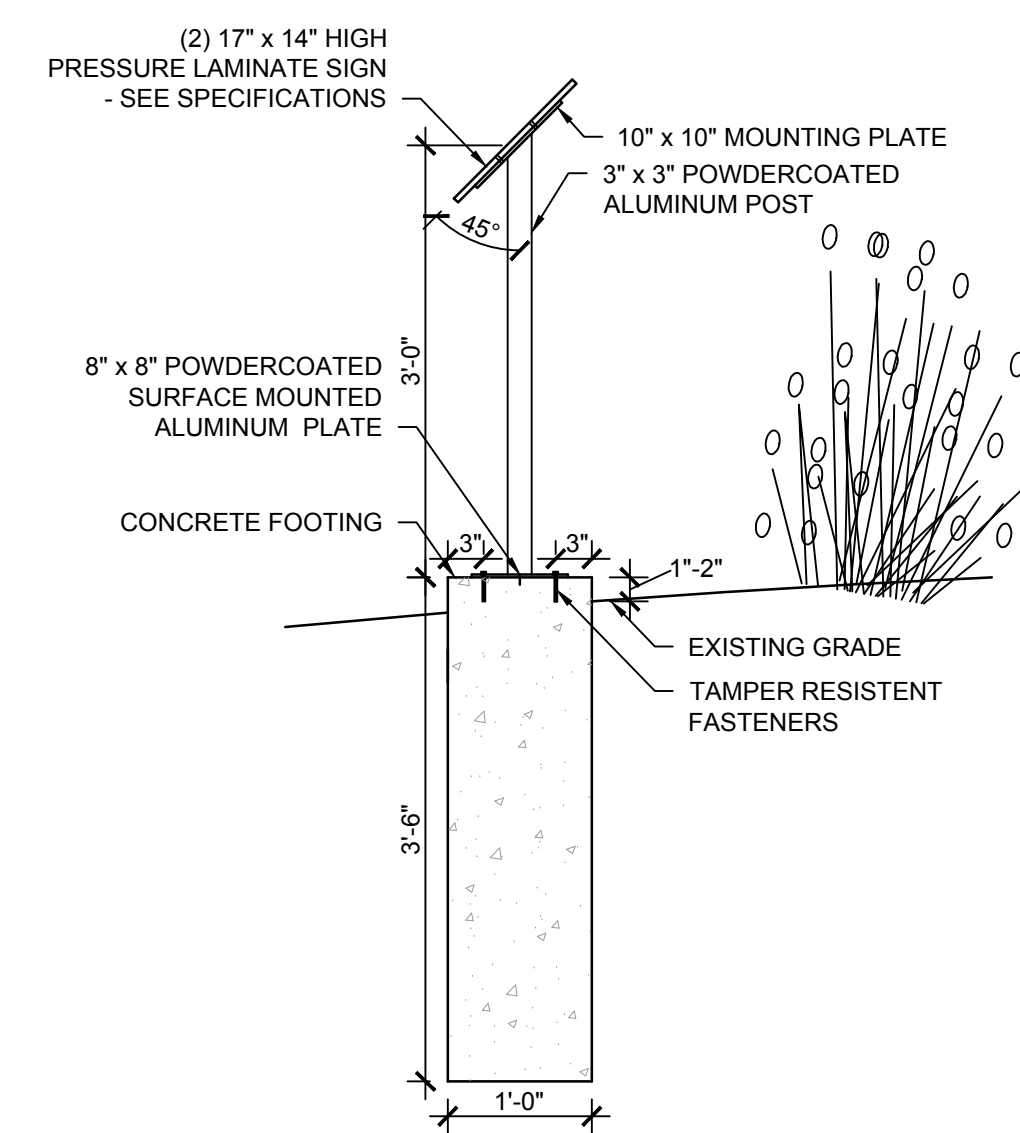
6 **INTERPLANTING DETAIL**
NOT TO SCALE



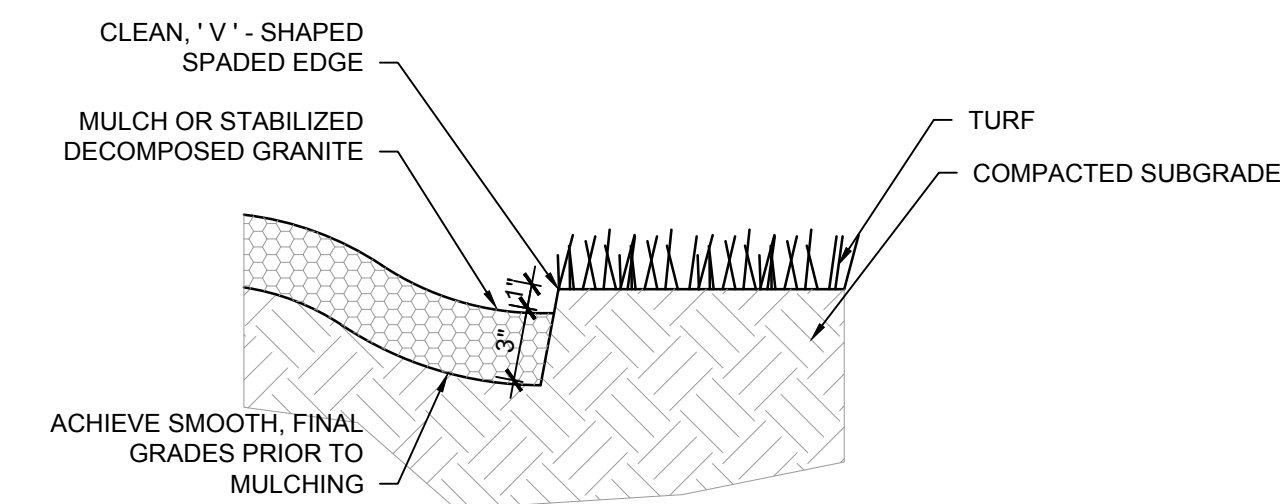
7 **PEDESTRIAN STABILIZED DECOMPOSED AGGREGATE**
1" = 1'-0"



9 **6'W BENCH AT PAVERS DETAIL**
1/2" = 1'-0"



10 **INTERPRETIVE SIGN DETAIL**
3/4" = 1'-0"



8 **SPADED EDGE DETAIL**
1-1/2" = 1'-0"



Apple Pond Shoreline Restoration

161st St & Creekmont Dr.
Tinley Park, IL 60487



site design group, ltd.
888 South Michigan Avenue #1000, Chicago, IL 60605
p. 312.427.7240 w. www.site-design.com



ecology+vision, llc
P.O. Box 091, Leand, IL 60531
p. 815.981.8003 w. www.ecologyllc.com

ISSUANCES

Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No : 8323
Drawn : JT File : 8323_detail_plnt.dwg
Checked : MM Scale : AS NOTED
Approved : BM

Sheet Title:
LANDSCAPE DETAILS

Drawing Number:

ADDENDUM NO. 1

Apple Pond Restoration
2019-RFP-005
Tinley Park, Illinois 60477

February 20, 2019

This addendum forms part of the Contract Documents for the above named project and contains the following:

1) Questions and Answers

- a. Question 1: Is prevailing wage required?
- i. Answer 1: According to the information found on the IL Department of Labor Website here:
<https://www2.illinois.gov/idol/faqs/pages/landscaping.aspx#qst1>
Our interpretation is that this project falls under the category of landscape improvements. Any new landscape construction work done as part of a new project would not be included in this contract.
- b. Question 2: Can the due date for RFP responses be extended?
- i. Answer 2: The Village is not interested in extending the due date.
- c. Question 3: Is a proposal guaranty required? If so, what percentage?
- i. Answer 3: Yes, the conditions are as follows:
BID SECURITY
A certified check or bid bond on a solvent bank, payable without condition to the Village of Tinley Park in an amount not less than ten percent (10%) of the base bid shall be submitted with each proposal, as a guarantee that, if the proposal is accepted, a contract will be entered into and the performance of the contract is properly secured.
- The Bid Security of the successful Respondent shall be returned to them immediately after the execution of the Agreement and upon delivery to the Owner of all requested bonds or certificates.
- The Bid Security of all unsuccessful Respondents shall be returned to them, after the Bid opening, as soon as is practicable.
- In submitting a Proposal, the Respondent understands and agrees that if their Proposal is accepted, and if Respondent fails to enter into an Agreement with the Owner, Respondent shall forfeit their Bid Security paid to the Owner, not as a penalty, but as liquidated damages due to such failure.
- d. Question 4: Who is responsible for monitoring and reporting?
- i. Answer 4: The Village and/or their assigned representatives will handle monitoring and reporting.
- e. Question 5: Are there original plans available for the rip rap edge? Is the depth and volume known? Is there fabric under the rip rap? Is there any removal needed below the water line and is dewatering possible?
- i. Answer 5: The Village does not have any original plans showing this rip rap edge, and does not know the exact volume or depth, or whether there is

fabric underneath. There are some areas where the concreted edge dips below the edge of the water line, and those areas should be removed. Any loose stones are fine to leave. If lowering the water level is desired, this can be coordinated with the Village but would be the responsibility of the contractor.

2) Clarifications

- a. Clarification 1: There is conflicting information about the size of the interpretive signage. The correct size is 14" x 17".
- b. Clarification 2: The rip rap removal item has also been added as an alternate in the Apple Pond Sediment Removal project RFP, since it may be more in line with the scope of work for that project instead.

3) Changes to RFP Documents

- a. Change 1: Page 32 31 38 - 3 has been updated to reflect Clarification 1, and has been included as part of this addendum.
- b. Change 2: The bid tabs have been updated with the rip rap removal item moved from part of the base bid to be an alternate pricing option. The updated bid tabs have been included as part of this addendum

END OF ADDENDUM 1

PART 2 - PRODUCTS**2.1 MANUFACTURERS**

- A. Genesis Graphics, Inc. 1823 7th Av. N. Escanaba, Michigan 49829 ph. 800-659-7734 fax. 906-786-0614 Locally Represented by Joan Ball, Genesis Graphics, Inc. 1823 7th Avenue North Escanaba, MI 49829 tel. 1-800-659-7734
- B. Acceptable others
 - 1. KVO Industries, Inc. | 1825 Empire Industrial Ct. Suite A | Santa Rosa CA 95403
P 707 573 6868 | F 707 573 6888
 - 2. The Plastic Lumber Company, Inc.; 540 South Main Street, Building 7; Akron, Ohio 44311-1023. Telephone: 330-762-8989. Fax: 330-762-1613. Email: sales@plasticlumber.com. Websites: www.plasticlumber.com and www.simplesigns.com.

2.2 MATERIALS

- A. High Pressure Laminate (dHPL)
 - 1. Graphic imaging surface paper impregnated with melamine resins and combined with kraft paper core sheets impregnated with phenolic resins. These sheets are then bonded under high pressure and temperature. Finished sheets are then cut and edge finished.
 - 2. Maximum sheet size is 5X12 ft. with maximum image size of 58X142 in.
 - a. Thicknesses: 1/2 in.
 - b. Sign Size: 14" x 17" x 1/2" with threaded inserts for mounting.
 - c. Corners: Radius of 1/2"
- B. Heavy Gauged Aluminum Post
 - 1. 3" x 3" x 60" aluminum post with 6" x 6" plate. 6" x 6" plate shall be mounted at 45 deg angle to post.
 - 2. Powdercoated black.
- C. Fasteners
 - 1. Bolts shall be black, tamper resistant.

2.3 Concrete footing

- A. Provide 3000 PSI air entrained ready-mixed concrete conforming to ASTM C-94-, maximum 3" slump.

2.4 FABRICATION

- A. Custom Architectural Signs: Fabricate to design provided by AOR.
 - 1. Digital files shall be supplied from AOR that indicate: Size, Sign Message, Letter Height and color.

APPLE POND RESTORATION:
 BID FORM - NATURAL AREAS BASE BID PRICING

2/5/2019

SITE PREPARATION				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Brush Clearing and Tree Thinning - Includes cutting, herbicide application, and removal/disposal of cut material	LS	1	\$	\$
Boom-Spray Herbicide Application - Includes initial herbicide application and any follow-up applications required to meet performance	LS	1	\$	\$
Riprap Removal - Includes removal/disposal of all existing concrete/riprap and installation of compacted rough grade topsoil in 2" lifts to meet existing grade	LF	1,705	\$	\$
Soil Scarification - Includes elimination of standing dead biomass when required and collection/disposal of sticks, stones, clods or other debris	LS	1	\$	\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

SOIL AMENDMENTS				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Fertilizer: Gypsum, applied	LBS	1,850	\$	\$
Fertilizer: Urea, applied	LBS	150	\$	\$
Fertilizer: Monoammonium Phosphate (MAP), applied	LBS	300	\$	\$
Fertilizer: Sulphate of Potash (SOP), applied	LBS	250	\$	\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

Actual quantities will be based upon the results of soil tests, Contractor shall be paid for fertilizers based upon materials used at the provided unit price

PLANTING OPERATIONS				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Seed, Installed - Transitional Buffer Seed Mix, includes planting zone layout	AC	0.22	\$	\$
Seed, Installed - Low Profile Prairie Seed Mix, includes planting zone layout	AC	0.84	\$	\$
Seed, Installed - Supplemental Shade Seed Mix, includes planting zone layout	AC	0.30	\$	\$
Seed, Installed - Wet-Mesic Prairie Seed Mix, includes planting zone layout	AC	0.12	\$	\$
Seed, Installed - Shoreline Seed Mix, includes planting zone layout	AC	0.19	\$	\$
Seed, Installed - Turf Repair Area, includes planting zone layout	AC	0.06	\$	\$
Plugs, Common Species Installed - Includes planting zone layout and establishment watering	EACH	5,100	\$	\$
Herbivory Protection Fencing, Installed - Includes installation of double row per linear foot, maintenance and removal following plant establishment	LF	1,700	\$	\$
Erosion Control Blanket - North American Green S75BN, installed (Includes Transitional Buffer, Low Profile Prairie, Supplemental Shade, and Turf Repair Areas)	SY	6,560	\$	\$
Erosion Control Blanket - North American Green C125BN, installed (Includes the Riprap repair area)	SY	1,040	\$	\$
Interim Stewardship - Until Substantial Completion	LS	1	\$	\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

NATURAL AREAS: TOTAL BASE BID (in numbers):	\$
---	----

NATURAL AREAS: TOTAL BASE BID (in words): _____ and _____/100

APPLE POND RESTORATION: ALTERNATE BID PRICING

2/5/2019

ALTERNATE #1 - Annual Natural Areas Stewardship				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Natural Areas Stewardship - 1st Growing Season	SF		\$	\$
Natural Areas Stewardship - 2nd Growing Season	SF		\$	\$
Natural Areas Stewardship - 3rd Growing Season	SF		\$	\$
TOTAL ALTERNATE #1 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #2 - Annual Natural Areas Stewardship				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Professional Prescribed Fire	Each	1	\$	\$
TOTAL ALTERNATE #2 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #3 - Landscape Enhancements: Bed Installations and Hardscape Improvements				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Install landscape beds along Creekmont Ct, per plans	LS	2	\$	\$
Install seating area, bench, landscape bed and trees along 161st St per plans	LS	1	\$	\$
Install interpretive sign, per plans	LS	1	\$	\$
TOTAL ALTERNATE #3 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #4 - Riprap Removal				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Riprap Removal - Includes removal/disposal of all existing concrete/riprap and installation of compacted rough grade topsoil in 2" lifts to meet existing grade	LF	1,705	\$	\$
TOTAL ALTERNATE #4 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.



Interoffice Memo

Date: March 4, 2019

To: Kevin Workowski, Public Works Director

From: Kelly Mulqueeny, Street Superintendent

Subject: Contract Award for Fairfield Glen Naturalized Pond Restoration

Presented for March 19th 2019 Village Board Meeting Agenda for consideration and possible action:

Description/Scope of Work:

The Village of Tinley Park (The Village) in its role of maintaining certain stormwater management properties in the public realm, seeks a proposal from a capable Contractor to coordinate and provide restoration services at Fairfield Glen. The Contractor shall perform the following services beginning in Spring 2019.

- Vegetation management, site preparation and native planting installations
- Regular landscape maintenance and stewardship services for the naturalized area
- Install hardscape improvements and landscape planting beds

Background:

This RFP was advertised on February 8th, six (6) sealed proposals were received by the deadline on Tuesday February 26, 2019, at 12:00 PM, and recorded by the Village Clerk's office.

Recommendation:

Proposals were submitted by Conservation Land Stewardship (CLS), Semper Fi Land Inc. (Semper Fi), V3 Companies (V3), Pizzo & Associates (Pizzo), Tallgrass Restoration (Tallgrass), and ENCAP, Inc. (ENCAP). All six (6) of the sealed proposals were reviewed and rated by the scoring panel consisting of Kelly Mulqueeny, Mitch Murdock (Landscape Architect Consultant), and Andy Stahr (Ecologist Consultant). The panel identified Pizzo as the highest rated option.

Pizzo scored consistently high marks for experience, qualifications and project references. Their cost proposal was also very competitive, so they ended up scoring in first or second place in every category.

<u>Contractor</u>	<u>Location</u>	<u>Average Score</u>	<u>Amount</u>
Pizzo	Leland, IL	92.0	\$106,371.57
CLS	Elmhurst, IL	82.3	\$95,522.36
V3	Woodridge, IL	78.0	\$120,000.00
Semper Fi	Aurora, IL	69.7	\$105,877.00
ENCAP	DeKalb, IL	69.0	\$233,902.00
Tallgrass	Schaumburg, IL	63.0	\$190,897.90

The proposals also included a number of additional maintenance pricing options. We also evaluated these options, and would like to utilize all of the maintenance, and increase some of the unit price quantities. The cost to enact the options is **\$180,248.88**, which brings the total to **\$286,620.45**.

Budget / Finance: Funding is budgeted in the FY19 Budget.

Budget Available	\$315,000.00
Anticipated Costs Fairfield Restoration	<u>\$286,620.45</u>
Difference (Under Budget)	\$28,379.55

Staff Direction Request:

1. Approve the service contract for the Fairfield Glen Naturalized Pond Restoration Contract in the amount of \$286,620.45
2. Direct Staff as necessary.

Fairfield Glen Restoration
RFP Scoring Sheet
2/26/2019

Category	Scoring	Mitch	Kelly	Andy	Mitch	Kelly	Andy	Mitch	Kelly	Andy	Mitch	Kelly	Andy	Mitch	Kelly	Andy	Mitch	Kelly	Andy
		Tallgrass Restoration			Pizzo & Associates			CLS			V3			Semper Fi			ENCAP		
Experience and Qualifications	40 points	34	35	34	36	38	40	36	38	16	36	38	32	28	30	21	36	36	38
Ability to Complete Work in a Timely Manner	20 points	18	20	20	18	20	20	18	20	20	18	20	20	18	20	20	18	20	20
Fee Amount and Terms	20 points	4	5	6	17	15	18	20	20	19	6	10	0	18	10	16	0	0	0
References and Projects with other Municipalities and/or projects of comparable scale	20 points	16	12	15	18	16	20	18	16	6	18	16	20	12	10	6	12	10	17
TOTAL= 100		72	72	75	89	89	98	92	94	61	78	84	72	76	70	63	66	66	75
Average Score:		73.0			Average Score:	92.0		Average Score:	82.3		Average Score:	78.0		Average Score:	69.7		Average Score:	69.0	

Fairfield Glen Restoration- Bid Comparisons
Village of Tinley Park, IL
Proposals Due: 2/26/2019

Lowest Pricing Option
 Middle Pricing Options
 Highest Pricing Option

BASE BID PRICING

SITE PREPARATION		
LINE ITEM DESCRIPTION	Unit(s)	Qty
Brush Clearing and Tree Thinning - Includes cutting, herbicide application, and removal/disposal of cut material	LS	1
Boom-Spray Herbicide Application - Includes initial herbicide application and any follow-up applications required to meet performance	LS	1
Shoreline Grading - Includes re-grading of eroded shorelines with up to 34" of vertical cut and distributing excavated soil on-site	LF	430
Soil Scarification - Includes elimination of standing dead biomass when required and collection/disposal of sticks, stones, clods or other debris	LS	1
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>		
SOIL AMENDMENTS		
LINE ITEM DESCRIPTION	Unit(s)	Qty
Fertilizer: Gypsum, applied	LBS	8,300
Fertilizer: Hi-Cal Lime, applied	LBS	5,000
Fertilizer: Monoammonium Phosphate (MAP), applied	LBS	700
Fertilizer: Sulphate of Potash (SOP), applied	LBS	850
Fertilizer: Milorganite, applied	LBS	2,500
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>		
PLANTING OPERATIONS		
LINE ITEM DESCRIPTION	Unit(s)	Qty
Seed, Installed - Transitional Buffer Seed Mix, includes planting zone layout	AC	0.37
Seed, installed - Low Profile Prairie Seed Mix, includes planting zone layout	AC	1.15
Seed, Installed - Dry Bottom Detention Seed Mix, includes planting zone layout	AC	0.38
Seed, installed - Wet Prairie Seed Mix, includes planting zone layout	AC	1.67
Seed, Installed - Shoreline Seed Mix, includes planting zone layout	AC	0.24
Plugs, Common Species Installed - includes planting zone layout and establishment watering	EACH	5,100
Herbivory Protection Fencing, installed - Includes installation of double row per linear foot, maintenance and removal following plant establishment	LF	1,700
Erosion Control Blanket - North American Green S758N, installed (Includes Transitional Buffer, Low Profile Prairie, and Supplemental Shade Mix Areas)	SY	8,160
Erosion Control Blanket - North American Green C1258N, installed (Includes 50% of the Shoreline Seed and Plug Mix Area)	SY	560
Interim Stewardship - Unit Substantial Completion	LS	1
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>		
		\$
TOTAL BASE BID (in words)		one

Tallgrass Restoration		Pizzo & Associates		CLS		V3		Semper Fi**		ENCAP	
Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
\$ 24,800.00	\$ 24,800.00	\$ 8,720.00	\$ 8,720.00	\$ 15,359.00	\$ 15,359.00	\$ 11,358.00	\$ 11,358.00	\$ 10,035.00	\$ 10,035.00	\$ 27,500.00	\$ 27,500.00
\$ 9,540.00	\$ 9,540.00	\$ 10,395.00	\$ 10,395.00	\$ 7,079.56	\$ 7,079.56	\$ 8,670.00	\$ 8,670.00	\$ 2,500.00	\$ 2,500.00	\$ 25,000.00	\$ 25,000.00
\$ 10.50	\$ 4,515.00	\$ 6.94	\$ 2,984.20	\$ 17.88	\$ 7,688.40	\$ 28.50	\$ 12,255.00	\$ 13.00	\$ 5,590.00	\$ 40.00	\$ 17,200.00
\$ 51,130.00	\$ 51,130.00	\$ 13,395.00	\$ 13,395.00	\$ 2,248.00	\$ 2,248.00	\$ 14,436.00	\$ 14,436.00	\$ 9,400.00	\$ 9,400.00	\$ 20,500.00	\$ 20,500.00
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>											
\$ 1.20	\$ 9,960.00	\$ 0.74	\$ 6,142.00	\$ 0.51	\$ 4,233.00	\$ 0.42	\$ 3,486.00	\$ 0.67	\$ 5,561.00	\$ 0.65	\$ 5,395.00
\$ 1.25	\$ 6,250.00	\$ 0.75	\$ 3,750.00	\$ 0.51	\$ 2,550.00	\$ 0.56	\$ 2,800.00	\$ 0.71	\$ 3,550.00	\$ 0.82	\$ 4,100.00
\$ 4.00	\$ 2,800.00	\$ 1.30	\$ 910.00	\$ 0.82	\$ 574.00	\$ 2.76	\$ 1,932.00	\$ 1.44	\$ 1,008.00	\$ 4.50	\$ 3,150.00
\$ 3.10	\$ 2,635.00	\$ 1.28	\$ 1,088.00	\$ 0.86	\$ 731.00	\$ 2.51	\$ 2,133.50	\$ 1.45	\$ 1,232.50	\$ 4.25	\$ 3,612.50
\$ 1.55	\$ 3,875.00	\$ 0.77	\$ 1,925.00	\$ 0.51	\$ 1,275.00	\$ 1.06	\$ 2,650.00	\$ 1.09	\$ 2,725.00	\$ 1.50	\$ 3,750.00
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>											
\$ 2,150.00	\$ 795.50	\$ 2,711.70	\$ 1,003.33	\$ 2,443.51	\$ 904.10	\$ 2,385.14	\$ 882.50	\$ 1,650.00	\$ 610.50	\$ 4,650.00	\$ 1,720.50
\$ 2,445.00	\$ 2,811.75	\$ 4,585.65	\$ 5,273.50	\$ 6,180.49	\$ 7,107.56	\$ 4,095.42	\$ 4,709.73	\$ 1,900.00	\$ 2,185.00	\$ 8,600.00	\$ 9,890.00
\$ 2,120.00	\$ 805.60	\$ 4,645.61	\$ 1,765.33	\$ 5,865.11	\$ 2,228.74	\$ 5,557.93	\$ 2,112.01	\$ 3,025.00	\$ 1,149.50	\$ 8,600.00	\$ 3,268.00
\$ 2,215.00	\$ 3,699.05	\$ 4,360.24	\$ 7,281.60	\$ 5,376.79	\$ 8,979.24	\$ 4,051.53	\$ 6,766.06	\$ 2,550.00	\$ 4,258.50	\$ 7,500.00	\$ 12,525.00
\$ 2,850.00	\$ 684.00	\$ 5,303.38	\$ 1,272.81	\$ 6,135.67	\$ 1,472.56	\$ 6,056.82	\$ 1,453.64	\$ 4,200.00	\$ 1,008.00	\$ 11,000.00	\$ 2,640.00
\$ 4.60	\$ 23,460.00	\$ 2.94	\$ 14,994.00	\$ 3.48	\$ 17,748.00	\$ 3.94	\$ 20,094.00	\$ 4.50	\$ 22,950.00	\$ 6.85	\$ 34,935.00
\$ 6.15	\$ 10,455.00	\$ 6.63	\$ 11,271.00	\$ 2.52	\$ 4,284.00	\$ 1.54	\$ 2,618.00	\$ 3.40	\$ 5,780.00	\$ 8.00	\$ 13,600.00
\$ 2.70	\$ 22,032.00	\$ 1.33	\$ 10,852.80	\$ 1.19	\$ 9,710.40	\$ 0.85	\$ 6,936.00	\$ 1.60	\$ 13,056.00	\$ 3.30	\$ 26,928.00
\$ 3.50	\$ 1,960.00	\$ 2.05	\$ 1,148.00	\$ 2.33	\$ 1,304.80	\$ 5.19	\$ 2,906.40	\$ 2.55	\$ 1,428.00	\$ 4.80	\$ 2,688.00
\$ 8,690.00	\$ 8,690.00	\$ 2,200.00	\$ 2,200.00	\$ 45.00	\$ 45.00	\$ 11,801.16	\$ 11,801.16	\$ 11,850.00	\$ 11,850.00	\$ 15,500.00	\$ 15,500.00
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>											
		\$		\$		\$		\$		\$	
		\$ 190,897.90	\$ 106,371.57	\$ 95,522.36	\$ 120,000.00	\$ 105,877.00	\$ 233,902.00	\$ 235,342.00			

ALTERNATE BID PRICING

ALTERNATE #1 - Annual Natural Areas Stewardship				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Natural Areas Stewardship - 1st	AC	3.81	\$	\$
Natural Areas Stewardship - 2nd	AC	3.81	\$	\$
Natural Areas Stewardship - 3rd Growing Season	AC	3.81	\$	\$
TOTAL ALTERNATE #1 (in numbers):				
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>				
ALTERNATE #2 - Annual Natural Areas Stewardship				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Professional Prescribed Fire	Each	1	\$	\$
TOTAL ALTERNATE #2 (in numbers):				
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>				
ALTERNATE #3 - Additional Restoration Areas				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Site preparation and restoration including Base Bid unit pricing	AC	2.64	\$	\$
TOTAL ALTERNATE #3 (in numbers):				
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>				
ALTERNATE #4 - Plug Pads				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Plugs, Common Species Installed -	EACH	2,450	\$	\$
Herbivory Protection Fencing, installed -	LF	520	\$	\$
TOTAL ALTERNATE #4 (in numbers):				
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>				
ALTERNATE #5 - Landscape Bed Installations and Hardscape Improvements				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Install landscape beds along Fairfield Ln, per	LS	2	\$	\$
Install landscape bed along Glenshire St, per	LS	1	\$	\$
Install seating area and bench along Glenshire St per plans	LS	1	\$	\$
Install interpretive signs, per plans	EACH	6	\$	\$
Install interpretive signs, per plans	EACH	2	\$	\$
TOTAL ALTERNATE #5 (in numbers):				
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>				

Tallgrass Restoration		Pizzo & Associates		CLS		V3		Semper Fi		Semper Fi	
Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
\$ 3,250.00	\$ 12,382.50	\$ 2,230.97	\$ 8,500.00	\$ 2,934.38	\$ 11,179.99	\$ 14,684.00	\$ 55,946.04	\$ 2,950.00	\$ 11,239.50	\$ 6,500.00	\$ 24,765.00
\$ 3,250.00	\$ 12,382.50	\$ 2,230.97	\$ 8,500.00	\$ 1,929.13	\$ 7,349.99	\$ 15,174.00	\$ 57,812.94	\$ 2,350.00	\$ 8,953.50	\$ 5,000.00	\$ 19,050.00
\$ 3,250.00	\$ 12,382.50	\$ 2,230.97	\$ 8,500.00	\$ 1,797.90	\$ 6,850.00	\$ 14,684.00	\$ 55,946.04	\$ 1,750.00	\$ 6,667.50	\$ 3,500.00	\$ 13,335.00
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>											
		\$ 37,147.50	\$ 25,499.99	\$ 25,379.97	\$ 169,705.02	\$ 26,860.50	\$ 57,150.00				
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>											
		\$ 6,000.00	\$ 5,500.00	\$ 5,500.00	\$ 3,395.00	\$ 5,440.00	\$ 5,440.00	\$ 4,700.00	\$ 4,700.00	\$ 6,500.00	\$ 6,500.00
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>											
		\$ 6,000.00	\$ 5,500.00	\$ 5,500.00	\$ 3,395.00	\$ 5,440.00	\$ 5,440.00	\$ 4,700.00	\$ 4,700.00	\$ 6,500.00	\$ 6,500.00
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>											
		\$ 63,520.00	\$ 167,692.80	\$ 36,174.24	\$ 95,499.99	\$ 26,673.48	\$ 70,417.99	\$ 25,937.00	\$ 68,473.68	\$ 14,600.00	\$ 38,544.00
		\$ 167,692.80	\$ 95,499.99	\$ 70,417.99	\$ 68,473.68	\$ 38,544.00	\$ 82,567.38	\$ 217,977.88			
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>											
		\$ 4.60	\$ 11,270.00	\$ 3.09	\$ 7,570.50	\$ 3.48	\$ 8,526.00	\$ 6.17	\$ 15,116.50	\$ 4.50	\$ 11,025.00
		\$ 6.15	\$ 3,198.00	\$ 6.37	\$ 3,312.40	\$ 2.52	\$ 1,310.40	\$ 5.02	\$ 2,610.40	\$ 3.40	\$ 1,768.00
		\$ 14,468.00	\$ 10,882.90	\$ 9,836.40	\$ 17,726.90	\$ 12,793.00	\$ 18,400.00				
<small>All prices shall include all costs for labor, materials, methods, equipment, fuel and/or maintenance of equipment as indicated on the main bid item.</small>											
		\$ 10,200.00	\$ 20,400.00	6565	\$ 13,130.00	\$ 4,721.91	\$ 9,443.82	No Bid	No Bid	\$ 6,700.00	\$ 13,400.00
		\$ 10,200.00	\$ 10,200.00	7530	\$ 7,530.00	\$ 7,200.00	\$ 7,200.00	No Bid	No Bid	\$ 6,150.00	\$ 6,150.00
		\$ 17,600.00	\$ 17,600.00	13940	\$ 13,940.00	\$ 11,550.00	\$ 11,550.00	No Bid	No Bid	\$ 12,600.00	\$ 12,600.00
		\$ 1,300.00	\$ 7,800.00	996	\$ 5,976.00	\$ 655.83	\$ 3,934.98	No Bid	No Bid	\$ 1,300.00	\$ 7,800.00
		\$ 1,500.00	\$ 3,000.00	1145	\$ 2,290.00	\$ 750.00	\$ 1,500.00	No Bid	No Bid	\$ 1,200.00	\$ 2,400.00
		\$ 59,000.00	\$ 42,866.00	\$ 33,628.80	\$ 42,350.00	\$ 73,300.00					

**Semper Fi mistakenly submitted their Apple Pond Pricing with their Fairfield Glen Proposal, and vice versa.

February 28, 2019

Ms. Kelly Mulqueeny

Street Superintendent

Village of Tinley Park

16250 S. Oak Park Ave.

Tinley Park, Illinois 60477



re: **Fairfield Glen Restoration RFP - Contractor Recommendation**

Dear Kelly:

Upon thorough review of the six (6) proposals opened on February 26, 2019 for the Fairfield Glen Restoration project, we would like to recommend beginning contract negotiations with the highest rated responder, Pizzo & Associates of Leland, IL.

The Fairfield Glen Restoration RFP was scored on categories that considered the qualifications, capabilities and professional experience of each company in addition to their cost proposal.

Pizzo & Associates has completed all of the required bidding forms, submitted the appropriate bid security, and they have met all of the requirements outlined within the project manual. In addition, Pizzo & Associates has successfully completed restoration and stewardship work for the Village in the past.

Please let us know if you have any questions or concerns.

Sincerely,

A handwritten signature in blue ink, appearing to read 'M. J. Murdock'.

Mitch Murdock

Project Manager – site design group, ltd.

CC: RKS / BM/ KM

site design group, ltd.
888 south michigan avenue #1000
chicago, illinois 60605
tel 312.427.7240 fax 312.427.7241
www.site-design.com

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-021

**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK
PIZZO & ASSOCIATES, LTD. OF LELAND, ILLINOIS FOR THE
FAIRFIELD GLEN POND RESTORATION**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

RESOLUTION NO. 2019-R-021**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK
PIZZO & ASSOCIATES, LTD. OF LELAND, ILLINOIS FOR THE
FAIRFIELD GLEN POND RESTORATION**

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered authorizing an Contract with Pizzo & Associates, LTD, a true and correct copy of such Contract being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "contract" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Contract.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-021, **“A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK PIZZO & ASSOCIATES, LTD. OF LELAND, ILLINOIS FOR THE FAIRFIELD GLEN POND RESTORATION,”** which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK

VILLAGE OF TINLEY PARK**SERVICE CONTRACT**

This contract is by and between the **Village of Tinley Park**, a Illinois home-rule municipal corporation (the “Village”), and **Pizzo** (the “Contractor”), for the project or work described in Exhibit A, attached hereto and made a part hereof.

1. In consideration of the compensation stated in paragraph 2, the Contractor shall provide all the services described in the Scope of Services attached hereto as Exhibit “A” and incorporated herein by reference. The express terms of this Contract shall take precedence and control over any term or provision of the Scope of Services (Exhibit A) that in any way conflicts with, differs from, or attempts to alter the terms of this Contract.
2. Except in the event of a duly authorized change order approved by the Village as provided in this Contract, and in consideration of the Contractor’s final completion of all work in conformity with this Contract, the Village shall pay the Contractor an amount not to exceed **two hundred and eighty six thousand six hundred and twenty and 45/100 Dollars (\$286,620.45)**. Within **seven (7)** calendar days of completion of the work, the Contractor shall submit his application for payment to the Village, and the Village shall pay Contractor for the work performed no later than **thirty (30)** calendar days from the date of the Village's receipt and the Village’s approval of the work and the application for payment. No payment shall be made by the Village until the Contractor has submitted to the Village (i) a Contractor’s Affidavit listing all subcontractors and material suppliers utilized on the project and (ii) final waivers of lien from the Contractor, all subcontractors and all material suppliers.
3. No changes shall be made, nor will invoices for changes, alterations, modifications, deviations, or extra work or services be recognized or paid except upon the prior written order from authorized personnel of the Village. The Contractor shall not execute change orders on behalf of the Village or otherwise alter the financial scope of the Project.
4. Written change orders may be approved by the Village Manager or his designee provided that the change order does not increase the amount set forth in paragraph 2 of this Contract to more than \$10,000.00. Changes in excess of this amount must be approved by the Village Board prior to commencement of the services or work. **Any request by the Contractor for an increase in the Scope of Services and an increase in the amount listed in paragraph 2 of this Contract shall be made and approved by the Village prior to the Contractor providing such services or the right to payment for such additional services shall be waived.**
5. **Time is of the essence on this Contract.** The Contractor shall complete all work under this Contract by the dates set forth below:
6. No “Notice to Proceed” may be given nor any work commenced until this Contract is fully executed and all exhibits and other attachments are completely filled out and attached hereto.

7. It is understood and agreed by the parties that the Contractor is an independent contractor retained for the above-mentioned purpose. The Village shall not control the manner nor the means of the Contractor's performance, but shall be entitled to a work product as described herein. The term "subcontractor" shall mean and include only those hired by and having a direct contract with Contractor for performance of work on the Project. The Village shall have no responsibility to any subcontractor employed by a Contractor for performance of work on the Project, and all subcontractors and material suppliers shall look exclusively to the Contractor for any payments due. The Village will **not** be responsible for reporting or paying employment taxes or other similar levies that may be required by the United States Internal Revenue Service or other State or Federal agencies. Every subcontractor shall be bound by the terms and provisions of this Contract as far as applicable to their work. The Contractor shall be fully responsible to the Village for the acts and omissions of its subcontractors, and shall ensure that any subcontractors perform in accordance with the requirements of this Contract. Nothing contained herein shall create any contractual or employment relations between any subcontractor and the Village. The Contractor is solely responsible for the safety procedures, programs and methods of its employees and agents and shall hold the Village harmless for any and all damages resulting from violations thereof. The Contractor shall comply with all applicable federal, State and local safety laws and regulations.
8. **It is further agreed that the Contractor shall indemnify, hold harmless, and defend the Village, its officers, agents, and employees from and against any and all claims, losses, damages, causes of action, suits, and liability of every kind, including all expenses of litigation, court costs, and attorneys' fees, for injury to or death of any person or for damage to any property arising out of or in connection with the work done by the Contractor under this Contract. Such indemnity shall apply regardless of whether the claims, losses, damages, causes of action, suits, or liability arise in whole or in part from the negligence of the Village, any other party indemnified hereunder, the Contractor, or any third party.**
9. **The Contractor assumes full responsibility for the work to be performed hereunder and hereby releases, relinquishes, and discharges the Village, its officers, agents, and employees from all claims, demands, and causes of action of every kind and character, including the cost of defense thereof, for any injury to or death of any person and any loss of or damage to any property that is caused by, alleged to be caused by, arising out of, or in connection with the Contractor's work to be performed hereunder. This release shall apply regardless of whether said claims, demands, and causes of action are covered in whole or in part by insurance and regardless of whether such injury, death, loss, or damage was caused in whole or in part by the negligence of the Village, any other party released hereunder, the Contractor, or any third party. The Contractor shall maintain insurance coverage in an amount and from a carrier suitable to the Village, and the Village shall be named as an additional insured where required. Certificates of Insurance are attached hereto as Exhibit B.**
10. The Village is exempt from payment of state and local sales and use of taxes on labor and materials incorporated into the project. If necessary, it is the Contractor's responsibility to obtain a sales tax permit, resale certificate, and exemption certificate that shall enable the Contractor to buy any materials to be incorporated into the project and then resale the aforementioned materials to the Village without paying the tax on the materials at the time of purchase. In no event will the Village be liable for or pay any sales or use taxes incurred by the Contractor in performing the services under this contract.

11. The Contractor shall comply with all applicable federal, state, and local statutes, regulations, ordinances, and other laws, including but not limited to the Immigration Reform and Control Act (IRCA). The Contractor may not knowingly obtain the labor or services of an unauthorized alien. The Contractor, not the Village, must verify eligibility for employment as required by IRCA.
12. At any time, the Village may terminate this Contract for convenience, upon written notice to the Contractor. The Contractor shall cease work immediately upon receipt of such notice. The Contractor shall be compensated for services performed and accepted by the Village up to the date of termination.
13. No waiver or deferral by either party of any term or condition of this Contract shall be deemed or construed to be a waiver or deferral of any other term or condition or subsequent waiver or deferral of the same term or condition.
14. This Contract may only be amended by written instrument approved and executed by the parties.
15. This Contract and the rights and obligations contained herein may not be assigned by the Contractor without the prior written approval of Village.
16. The parties hereby state that they have read and understand the terms of this Contract and hereby agree to the conditions contained herein.
17. This Contract has been made under and shall be governed by the laws of the State of Illinois. The parties agree that performance and all matters related thereto shall be in Cook County, Illinois.
18. Contractor, its employees, associates or subcontractors shall perform all the work hereunder. Contractor agrees that all of its associates, employees, or subcontractors who work on this Project shall be fully qualified and competent to do the work described hereunder. Contractor shall undertake the work and complete it in a timely manner.
19. If any provision of this Contract shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court of competent jurisdiction finds that any provision of this Contract is invalid or unenforceable, but that by limiting such provision it may become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.
20. This Contract represents the entire and integrated agreement between the Village and Contractor and supersedes all prior negotiations, representations, or agreements, either written or oral.
21. This Contract will be effective when signed by the last party whose signing makes the Contract fully executed.

22. The Contractor agrees to comply with the Illinois Prevailing Wage Act, if the work to be performed under this Contract is covered by said Act.

IF THIS IS PREVAILING WAGE WORK:

This contract calls for the construction of a “public work,” within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 *et seq.* (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department’s web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice and record keeping duties.

23. The Contractor agrees to comply with the Illinois Substance Abuse Prevention on Public Works Projects Act.

CERTIFICATIONS BY CONTRACTOR

Eligibility to Contract

The undersigned hereby certifies that the Contractor is not barred from bidding on or entering into this contractor as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Human Rights Act

The undersigned hereby certifies that the Contractor is in compliance with Title 7 of the 1964 Civil Rights Act as amended and the Illinois Human Rights Act as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Drug-Free Workplace Act

The undersigned, **having 25 or more employees**, does hereby certify pursuant to section 3 of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate Regarding Sexual Harassment Policy

The undersigned does hereby certify pursuant to section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Substance Abuse Prevention on Public Works Projects Act

The undersigned hereby certifies that:

- A. There is in place a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635), and has provided a written copy thereof to the Village of Tinley Park.
- B. There is in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635)

(Cross out either A or B depending upon which certification is correct)

Name of Contractor (please print)

Submitted by (signature)

Title

[NAME OF CONTRACTOR]

BY: _____

_____ Date

Printed Name: _____

Title: _____

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Mayor
(required if Contract is \$10,000 or more)

ATTEST:

Village Clerk
(required if Contract is \$10,000 or more)

_____ Date

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Village Manager

Exhibit A

SCOPE OF SERVICES

Exhibit B

INSURANCE REQUIREMENTS

(See Risk Manager for Insurance Requirements)



Village of Tinley Park, Illinois
REQUEST FOR PROPOSALS
Fairfield Glen Restoration
2019-RFP-006

The Village of Tinley Park ("the Village"), invites Proposals from a capable Contractor to coordinate and provide ecological restoration services at Fairfield Glen. The Contractor shall perform the following services beginning in Spring 2019.

- Vegetation management, site preparation and native planting installations
- Regular landscape maintenance and stewardship services for the naturalized area
- Install hardscape improvements and landscape planting beds

Firms with demonstrated experience in this area, and with an interest in making their services available to the Village, are invited to respond to this RFP.

GENERAL REQUIREMENTS: Proposers are to submit four (4) packets. Submit **one (1) original plus three (3)** complete copies of the proposals.

SUBMISSION LOCATION: The Village Of Tinley Park- Clerk's Office
 16250 South Oak Park Avenue
 Tinley Park, IL 60477

SUBMISSION DATE: **Tuesday, February 26, 2019 by 12:00 p.m.**
 Responses received after the time specified will not be opened.

PRE-SUBMITTAL MEETING: **Thursday, February 14, 2019 at 11:00 a.m.**
 Recommended meeting at Public Works Facility:
 7980 W. 183rd St
 Tinley Park, IL 60477

CONTACT QUESTIONS: Submit questions via email to: Mitch Murdock at mitchell.murdock@site-design.com . Questions are required no less than one (1) week prior to the RFP opening date. **Absolutely no informal communication shall occur regarding this RFP, including requests for information or speculation between Proposers or any of their individual members and any Village elected official or employee. All questions will be answered with a copy of the question and answer to each proposer that the Village is aware of and may be answered by addendum.**

CONTENTS: The following sections, including this cover sheet, shall be considered integral parts of this solicitation:

- Notice of RFP
- General Terms and Conditions
- Project Overview
- Submission Requirements
- Requirements and Expectations
- Projected Timeline
- Natural Areas Establishment Provisions
- Landscape Specifications



- Bid Tab
- Site Plans

GENERAL TERMS AND CONDITIONS

- 1. Negotiations:**

The Village of Tinley Park reserves the right to negotiate specifications, terms and conditions, which may be necessary or appropriate to the accomplishment of the purpose of this RFP. Nothing in this RFP is intended as a contract or as any kind of promise or commitment to enter into an agreement.
- 2. Confidentiality:**

RFPs and responses thereto are subject to the Illinois Freedom of Information Act ("FOIA").
- 3. Reserved Rights:**

The Village of Tinley Park reserves the right, at any time and for any reason, to cancel this RFP or any portion thereof, to reject any or all RFPs. The Village reserves the right to waive any immaterial defect in any RFP. The Village may seek clarification from a proposer at any time, after the submission date, and failure to respond promptly is cause for rejection.
- 4. Incurred Costs:**

The Village of Tinley Park will not be liable for any costs incurred by respondents in replying to this RFP.
- 5. Award:**

Award, if any, will be based on the highest ranked responsive, responsible bidder. Award, if any, will be based on the evaluation criteria set forth herein.
- 6. Discussion of RFP:**

The Village of Tinley Park may conduct discussions with any proposer who submits a response to this RFP. During the course of such discussions, the Village shall not disclose any information derived from one proposer to any other proposer.
- 7. Time and Effort:**

Time is of the essence. The broker shall be able to devote sufficient resources to the Village of Tinley Park.
- 8. Responsibility and Default:**

The proposer shall be required to assume responsibility for all items listed in this RFP. The successful proposer shall be considered the sole point of contact for purposes of any service agreement entered into by the Village.
- 9. Interpretations or Correction of Request for Proposals:**

Proposer shall promptly notify the Village of Tinley Park of any ambiguity, inconsistency or error that they may discover upon examination of the RFP. Interpretation, correction and changes to the RFP will be made by written addendum. Interpretation, corrections or changes made in any other manner will not be binding.
- 10. Addenda:**



Addenda are written instruments issued by the Village prior to the date of receipt of qualifications, which modify or interpret the RFP by addition, deletions, clarifications, or corrections. Each proposer shall ascertain prior to submitting a qualifications packet that all addenda issued have been received, and by submission of a qualification packet, such act shall be taken to mean that such proposer has received and understands fully the contents of the addenda.

11. **Taxes:**
The Village of Tinley Park is exempt from paying Federal and Illinois State taxes.
12. **Non-Discrimination:**
Proposer shall comply with the Illinois Human Rights Act, 778ILCS 5/1-101 et seq. as amended and any rules and regulations promulgated in accordance therewith, including, but not limited to, the Equal Employment Opportunity Clause, Illinois Administrative Code, Title 44, Part 780 (Appendix A), which is incorporated herein by reference.
13. **Insurance: *Please submit certificate with your proposal***
The proposer must obtain insurance issued by a company or companies qualified to do business in the State of Illinois and provide the Village with evidence of credible insurance. Insurance in the following types and amounts is necessary:
 - A. **Worker's Compensation and Employer's Liability** with limits not less than:
 - a. (1) Worker's Compensation: Statutory;
 - b. (2) Employer's Liability;
 - c. \$1,000,000 injury-per occurrence
 - d. Such insurance shall evidence that coverage applies in the State of Illinois.
 - B. **Comprehensive Motor Vehicle Liability** with limits for vehicles owned, non-owned or rented not less than:
 - a. Bodily Injury/Property Damage: Combined Single Limit: \$1,000,000 per accident
 - C. **Comprehensive General Liability** with coverage written on an "occurrence" as is and with limits no less than:
 - a. Each Occurrence: \$ 1,000,000
 - b. General Aggregate: \$2,000,000
 - c. Products and completed operations: General Aggregate: \$2,000,000
 - D. Coverage's shall include:
 - a. Premises/Operations
 - b. Independent Vendors
 - c. Personal Injury (with Employment Exclusion deleted)
 - d. Broad Form Property Damage Endorsement
 - e. Blanket Contractual Liability (must expressly cover the indemnity provisions of this Contract)
 - E. **Umbrella Policy.** The required coverage's may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss. This policy should apply to the Commercial General Liability and Motor Vehicle Coverage. Minimum amount \$5,000,000 in combination. An exception for a lower limit may be granted at the discretion of the Village of Tinley Park. Such an exception could be based upon



other criteria such as a review of their safety record, information provided by references, and/or any established prior job performance on behalf of the Village.

Village of Tinley Park shall be named as an Additional Insured on the Comprehensive General Liability, Comprehensive Motor Vehicle Liability and Umbrella/Excess Policies. An endorsement naming the Village an additional insured must be submitted With the Certificate of Insurance. All insurance policies are to be placed with insurers authorized to conduct business in the state with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to the Village.

F. **Other Insurance Provisions -**

The insurance policies are to contain, or be endorsed to contain, the following provisions:

- a. The Entity, its officers, officials, employees, and volunteers are to be covered as additional insureds on the general liability, auto and umbrella/excess policies. An endorsement naming the Village an additional insured must be submitted with the Certificate of Insurance
 - b. For any claims related to this project, the insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the Entity, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the Entity, its officers, officials, employees, or volunteers shall be excess of the Vendor's insurance and shall not contribute with it. Vendor shall procure and maintain for the duration of the contract, and for 2 years thereafter, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Vendor, his agents, representatives, employees.
 - c. Each insurance policy required by this clause shall provide that coverage shall not be canceled, except with notice to the Entity.
 - d. Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to the Entity.
 - e. Waiver of Subrogation: Vendor hereby agrees to waive rights of subrogation which any insurer of Vendor may acquire from Vendor by virtue of the payment of any loss. Vendor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the Entity for all work performed by the Vendor, its employees, agents.
14. **Change in Status:**
The proposer shall notify the Village of Tinley Park immediately of any changes in its status resulting from any of the following: (a) proposer is acquired by another party; (b) proposer becomes insolvent; (c) proposer, voluntarily or by operation of law, becomes subject to the provisions of any chapter of the Bankruptcy Act; (d) vendor ceases to conduct its operations in normal course of business. The Village of Tinley Park shall have the option to terminate any professional working relationship with the vendor immediately on written notice based on any such change in status.
15. **Precedence:**
Where there appears to be variances or conflicts, the following order of precedence shall prevail: The Village of Tinley Park Request for Proposals; and the Proposers Response to RFP.



16. **Submittal and Evaluation Factors:**

The contract will be awarded to the Contractor determined by the Village of Tinley Park to be in the best interest of the Village, who meets or exceeds the criteria and provisions sought by the Village. The Village reserves the right to reject any or all responses or to waive any details in the responses received whenever such rejection or waiver is in the best interests of the Village. The Village also reserves the right to reject the RFP of a Contractor who has previously failed to satisfactorily perform a contract. The Village of Tinley Park reserves the right to award the contract to a Contractor who is not the lowest cost; however, cost is an important factor in the selection of a Contractor.

In determining the most qualified responder, the following criteria will be considered by the Village:

- A. Experience and qualifications;
- B. Ability to complete required work in a timely manner;
- C. Fee amount and terms;
- D. Projects with other Municipalities and/or projects of comparable scale

PROJECT OVERVIEW

1. **Introduction and Purpose**

The Village of Tinley Park (The Village) in its role of maintaining certain stormwater management properties in the public realm, seeks a proposal from a capable Contractor to coordinate and provide ecological restoration services at Fairfield Glen. Fairfield Glen is an approximately 9.5-acre stormwater management site that includes portions of upland, wetland and open water areas. Fairfield Glen is located at the northwest corner of 88th Ave and Laporte Rd. This RFP calls for the management and control of existing vegetation including, which includes removal of both herbaceous and woody material. In addition to installing native seeding and plant material, this RFP also includes options for several formal landscape beds, a small seating area/ plaza and interpretive signage as neighborhood amenities.

2. **Scope of Services and Specifications**

It is the responsibility of the successful Responder to meet the requirements of the scope of services and specifications as detailed in the Natural Areas Establishment Provisions and the Landscape Specifications.

SUBMISSION REQUIREMENTS

1. Qualification Data- Responder shall provide information as requested in the Natural Areas Specifications, sections 1.03 and 1.08.
2. Pricing- Must be included in the cost proposal, as listed on the detailed bid tab.
3. References - Responder shall provide information as requested in the Natural Areas Specifications, section 1.03.
4. Insurance Certificate- See insurance requirements above.

REQUIREMENTS AND EXPECTATIONS



The following are general requirements and expectations of the selected Contractor:

1. The Contractor shall perform all work in accordance with Federal, State, and Local laws, regulations, codes and ordinances;
2. The Contractor must be able to receive requests via e-mail;
3. The Contractor is expected to have all necessary supplies, equipment, personnel, and skills to complete the project in a timely manner;
4. Hours of work are 7:00 AM through 7:00 PM, Monday through Friday, and between 9:00 AM and 5:00 PM on Saturday, unless authorized at the sole discretion of The Village;
5. The surrounding area shall have a neat, professional looking appearance upon completion of the job, and
6. All contractor employees shall wear suitable uniforms during the time they are on Village property or public ROW areas.

PROJECTED TIMELINE

Every effort will be made to adhere to the following schedule:

RFP Released:	February 5, 2019
Proposals Due	February 26, 2019 at 12:00 PM
RFP Review	February/March 2019
Committee Review	March 2019
Board Approval	March 2019

NATURAL AREAS ESTABLISHMENT PROVISIONS

PART 1 GENERAL

1.01 DESCRIPTION AND INTENT OF WORK

- A. The Natural Areas Contractor shall perform all work to the complete satisfaction of the Owner and in accordance with all municipal, county, state and other laws, ordinances applicable to such work.
- B. The Natural Areas Contractor's personnel shall at all times present a neat and professional appearance and all work shall be done and all complaints handled by the Contractor with due regard to the Owner's public relations.
- C. Natural Areas Brush & Tree Clearing priorities are to approach eradication of invasive woody species and thin existing stands of native woody species. The intent is to allow sunlight to penetrate the ground and eliminate threats from invasive species or aggressive native species, while protecting existing trees to remain from damage, prior to hand-off to the Owner.
- D. Native Herbaceous Planting priorities are to prepare planting areas for good seed-to-soil contact, install an even coverage of high-quality native seed/plants and protect planting areas from erosion. The intent is to develop a dense stand of native seedlings with minimal weed content.
- E. Natural Areas Stewardship's priority is to approach eradication of invasive herbaceous species, establish and encourage the healthy growth of native species, and increase overall site biodiversity. This document describes the standards for Acceptance, Monitoring*, Reporting*, Performance, and Remediation for a successful stewardship program. The intent is to develop a dense stand of desirable native species with minimal weed content and no threat from invasive species or aggressive native species prior to hand-off to the Owner.
**Monitoring and Reporting will be provided by others*
- F. Prescribed Fire priorities are to achieve specific ecological and/or aesthetic outcomes through the safe application of fire under a comprehensive prescription. The intent is to clear standing dormant herbaceous biomass and/or leaf litter to allow significant sunlight to penetrate the soil surface and allow easy application of herbicide to emerging plant material without causing damage to structures, property, cultural resources, desirable woody vegetation, desirable deadwood, desirable fire-negative herbaceous species or other desirable features.

1.02 WORK INCLUDED

- A. Natural Areas Brush & Tree Clearing shall include all labor, material, equipment, and transport necessary for, and incidental to, site preparation (includes the disposal of brush, vegetation, downed logs, stumps, sod, limited rubbish, surface debris, or other material occurring within the natural area which will interfere with the work, or which is unsuitable to remain), cutting, herbiciding, removing, and disposing of target tree and shrub species. This work shall also include follow-up cutting, herbiciding, removing, and disposing of all target species re-sprouts.
- B. Native Herbaceous Planting work shall include all labor, material, equipment, and transport necessary for, and incidental to, site preparation (includes minor grading), identification of invasive/weedy species, eradication of invasive/weedy species, planting, seeding, and erosion control as related to the installation of native plant species.
- C. Natural Areas Stewardship work shall include all labor, material, equipment, and transport necessary for, and incidental to, short-term/establishment stewardship of the natural areas including, but not limited to the control of invasive woody and herbaceous flora through

NATURAL AREAS ESTABLISHMENT PROVISIONS

cultural methods, physical removal, biological control, or the application of appropriate herbicides.

- D. Prescribed Fire shall include all labor, material, equipment, and transport necessary for, and incidental to, permit acquisition, coordination with local jurisdictions, notifications, site preparation (may include the disposal of brush, vegetation, downed logs, stumps, sod, limited rubbish, surface debris, or other material occurring within the natural area which will interfere with the work), creation of required burn breaks, ignition, containment, smoke monitoring & management, and mop-up activities. Mop-up activities include, but are not limited to, suppression of all smoldering material, ensuring burn crew members are on-call and remain within 2-hours of the burn site for 24 hours after burn completion, etc.

1.03 CONTRACTOR QUALIFICATIONS

- A. All work shall be performed by a Natural Areas Contractor with at least seven (7) years of documented experience in selective brush and tree clearing, planting of native species, and natural areas management for the purposes of ecological restoration, and shall be able to demonstrate their knowledge in the field. Natural Areas Contractor shall submit a statement of qualifications with their bid containing the following information:
- Name, address, and telephone number of firm.
 - Brief business history of the firm, including year founded.
 - List of equipment anticipated to be utilized for this project, specify whether the equipment is owned by the Natural Areas Contractor or not (See Appendix E).
 - List of personnel anticipated to be assigned to this project. Specify total number years of experience, number years with submitting firm and which tasks they are expected to perform under this contract (See Appendix E).
 - Descriptions and references to five (5) successful natural areas projects similar in scope and size to the Owner's project. At a minimum references shall include the client's name, address, and telephone number.
 - A minimum of three (3) of the projects referenced shall meet the following:
 - ◆ Have been completed within the past five (5) years
 - ◆ Include before and after photos.
 - ◆ Be located less than one hundred and fifty (150) miles from the project site(s). These sites will be field inspected for quality of work prior to contractor selection.
 - ◆ Be naturalized stormwater basins with a minimum natural area size of three (3) acres, not including open water.
 - ◆ The work shall have been performed for a local government municipality.
 - ◆ Tasks performed shall include site preparation, native seed/plant installation, management (including herbicide application) and prescription burning.
 - References to fifteen (15) successfully completed burns within natural areas similar in scope and size to the Owner's project. At a minimum references shall include the client's name, address and telephone number. If applicable, prescribed fire references can be the same as project references.
- B. Only tasks self-performed shall meet the above criteria, subcontracted tasks must be identified within the qualification submittal.
- C. Project Manager: The Natural Areas Contractor shall designate an employee to be the Project Manager (PM). This person shall be the sole representative of the Natural Areas Contractor

NATURAL AREAS ESTABLISHMENT PROVISIONS

and shall be the contact person for the Owner/Owner's Representative. The PM must speak fluent English and at a minimum must have a bachelor's degree in natural resources, ecology, biology, or a related field, three (3) years of documented experience with Midwestern ecosystems/habitat types and one (1) year of field experience in ecosystem restoration. PM must also demonstrate the following:

- Experience with public speaking in general and the ability to verbally communicate complicated processes or techniques and technical data or information in a simplified, clear and concise manner
- Experience working with municipal government staff, elected officials and community residents.
- Working knowledge and understanding of basic ecology and restoration principles.
- The skills to competently identify invasive and native species.
- Working knowledge of the latest most effective and selective methods/materials/herbicides for providing quality ecological restoration.
- Understanding of effective timing for successful target species herbicide application methods.
- Hold a current and valid State of Illinois Pesticide Applicator or Operator License
- Successful completion of NWCG s130/s190 wildland fire training.

D. On-Site Crew Foreman (Supervisor): The Natural Areas Contractor shall provide at least one foreman who will be present at all times during execution of the work. The foreman must speak fluent English and shall possess a minimum two (2) year degree or five (5) years of documented experience in natural resources, biology, or a related field. They shall have a minimum of three (3) years of documented field experience in ecological restoration.

Foreman must also demonstrate the following:

- Experience working on municipal government projects and an ability to communicate technical information clearly to the Contractor's crew, the Owner/Owner's Representative and community residents.
- Experience working on naturalized stormwater basin projects.
- Working knowledge and understanding of basic ecology and restoration principles.
- The skills to competently identify invasive and native species, including grasses, forbs, shrubs and trees during the dormant and growing seasons.
- Working knowledge of the latest most effective and selective methods/materials/herbicides for providing quality ecological restoration.
- Understanding of effective timing for successful target species herbicide application methods.
- Hold a current and valid State of Illinois Pesticide Applicator License.
- Successful completion of NWCG s130/s190 wildland fire training.
- Successful completion of OSHA 30 hour safety training
- Be current in CPR/First Aid

E. Crew Members: Contractor's field staff shall demonstrate the following:

- Employed full-time directly by the submitting firm. Subcontractors, interns and seasonal employees are not acceptable crew members.
- Working knowledge and understanding of basic ecology and restoration principles.
- Working knowledge of the type and operation of equipment being used.
- The skills to competently identify most common invasive species.
- Hold a current and valid State of Illinois Pesticide Applicator or Operator License.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- Successful completion of OSHA 10 hour safety training
 - At least one (1) crew member, other than the Supervisor, shall be current in CPR/First Aid
- F. Burn Boss: The burn boss shall have met the requirements of Illinois Law and Regulations (17 Illinois Admin. Code 1565.70) and shall be recognized as a Certified Prescribed Burn Manager in compliance with the Illinois Prescribed Burning Act (525 ILCS 37); the certificate number and date of issue shall be provided on submitted resume. The burn boss must also demonstrate the following:
- Employed full-time directly by the submitting firm. Subcontractors, interns and seasonal employees are not acceptable.
 - Working knowledge and understanding of basic ecology and restoration principles.
 - A minimum of five (5) years conducting prescribed fire in the Midwest, in the fuel types present, and in projects of similar scope and size.
 - Documented experience writing burn plans and shall have led the execution of a minimum fifteen (15) prescribed fires.
 - Successful completion of the following National Wildfire Coordinating Group (NWCG) Wildland Fire Training Courses:
 - ◆ Intermediate Wildland fire Behavior (s290)
 - ◆ Basic Incident Command Systems (i100)
 - ◆ Fire Fighter Training (s130)
 - ◆ Wildland Fire Behavior (s190)
 - Successful completion of OSHA 30 hour safety training
 - Be current in CPR/First Aid
- G. Burn Crew: All burn crew members must also demonstrate the following:
- Employed full-time directly by the submitting firm. Subcontractors, interns and seasonal employees are not acceptable.
 - Working knowledge and understanding of basic ecology and restoration principles.
 - A minimum of one (1) year documented experience conducting prescribed fire.
 - Documented experience working the line of a minimum three (3) prescribed fires.
 - Successful completion of the following National Wildfire Coordinating Group (NWCG) Wildland Fire Training Courses:
 - ◆ Fire Fighter Training (s130)
 - ◆ Wildland Fire Behavior (s190)
 - ◆ or a Prescribed Fire Training Program approved by the IL Prescribed Fire Council
 - Successful completion of OSHA 10 hour safety training
 - At least one (1) crew member, other than the Burn Boss, shall be current in CPR/First Aid

1.04 COMMUNICATION

- A. The Natural Areas Contractor shall make the PM, foreman, and burn boss (or any other staff assigned the project) available for phone calls or meetings as requested by the Owner/Owner's Representative.
- B. The Natural Areas Contractor shall respond to questions or fulfill requests by the Owner/Owner's representative within twenty-four (24) hours unless an extension is granted in writing by the Owner/Owner's Representative. Contractors not responding within this timeframe will be considered unresponsive and corrective action may be taken, up to and including enacting the performance bond.

NATURAL AREAS ESTABLISHMENT PROVISIONS

1.05 PERMITS AND FEES

- A. Natural Areas Contractor shall obtain any necessary permits for the required work and pay any fees required for permits.

1.06 SAFETY

- A. Minimum crew size for any work on this project shall be two (2) crew members. Crew members shall have the ability to communicate with one another at all times (cell phones, two-way radios, etc.) and shall have the ability to communicate with emergency personnel.
- B. The Owner/Owner's Representative shall be notified at least twenty-four (24) hours before the start of any work.
- C. It shall be the responsibility of the Contractor to adhere to all safety regulations and guidelines of local jurisdictions, all applicable OSHA safety regulations and guidelines, as well as Federal Construction Safety and Health Standards while carrying out activities related to this project.
- D. In the event of pesticide spillage, fuel or other chemical spillage, any personal injury or death related to the project, or damage of any kind, the Owner/Owner's Representative shall be notified immediately.
- E. Any trails and/or roads within two-hundred (200) feet of the daily work area shall be posted with Caution-Work Area, Tree Work Ahead, or Construction Area signs to warn the public. Signs or pin flags shall be posted along trails, roads or other public access points upon application of herbicides. Signs on public roadways shall conform to all applicable DOT and local jurisdictional signage specifications.
- F. Appropriate caution shall be taken when work is performed near trails, utilities, and roads. This shall include the posting of look-out observers if there is the possibility of debris or brush from project activities landing in trail or road areas.
- G. Traffic: Conduct construction operations to ensure minimum interference with roads, streets, walks and other adjacent occupied or used facilities. Do not close or obstruct streets, walks or other occupied or used facilities without written permission from the Owner/Owner's Representative and other authorities having jurisdiction.
- H. The Contractor shall ensure that the following safety equipment is available at the project site at all times for personnel involved in this project:
 1. First Aid Kit
 2. Portable emergency eye wash station
 3. Chemical spill kit

1.07 ACCESS AND STAGING

- A. The Owner/Owner's Representative shall designate all access and staging points on the Plan(s) and/or in the field prior to work beginning. Whenever possible, access points shall be off paths and roadways to minimize potential damage to desirable vegetation.
- B. Any damage incurred during the project (e.g. pitting, rutting, compaction, erosion, etc.) shall be repaired immediately by the Natural Areas Contractor at no additional cost to the Owner. Areas shall be repaired to a finished state as determined by the Owner/Owner's Representative and may include, but is not limited to, re-grading, re-seeding/re-planting with appropriate species, and appropriate erosion control.
- C. When not in use, the Contractor's vehicles, equipment, materials and supplies shall be removed from the Owner's property and/or stored at staging points as identified on the Plan(s) and/or as directed in the field by the Owner/Owner's Representative. Designated staging points shall be located to limit the movement of equipment on site and for safety of the equipment. Prior to work beginning, designated staging points shall be agreed upon in

NATURAL AREAS ESTABLISHMENT PROVISIONS

writing by the Contractor. Any damage or theft of vehicles, equipment, materials and/or supplies during movement and storage shall be the responsibility of the Contractor.

- D. All equipment and personnel clothing shall be thoroughly washed prior to entering the work site. Prior to entering the work site equipment, personnel and materials shall be free of mud, dirt, stone, vegetation, seeds or seed parts, roots, and all other debris having the ability of transferring weeds or invasive species to the project site. Contractor's equipment and personnel shall be subject to inspection for the risk of such weed transfer by the Owner/Owner's Representative each day prior to commencing work.
- E. Fuels and herbicides shall be handled in OSHA/NIOSH approved containers only. Refueling of equipment performed on site shall be performed over a catch basin on a tarpaulin. Additionally, a chemical absorbent for spilled fuels and other chemicals must be kept at the project site by the Contractor throughout the duration of this project. Any spills shall immediately be reported to the Owner/Owner's Representative.

1.08 SUBMITTALS

- A. With Bid:
 - 1. Qualification Data: Submit statement of qualifications for the selected Natural Areas Contractor including name, address, phone number(s), business history, and a list of similar projects completed by selected Contractor with descriptions, references and photos that demonstrate capabilities and experience. Include a resume for the selected Natural Areas Contractor's Project Manager, Foreman, Burn Boss and Project Ecologist.
- B. After Award, Prior to Installation of seed/plants:
 - 1. Seed Supply Matrix: No later than sixty (60) days prior to the specified seeding timeframe, submit a completed seed supply matrix (Appendix E) for each seed mix to be installed and copies of the original seed test certificate for each seed lot referenced in the matrix. Upon receiving review comments by the Owner/Owner's Representative the Natural Areas Contractor shall have ten (10) business days to make revisions and re-submit a final Seed Supply Matrix addressing all items that do not meet specification and/or the approval of the Owner/Owner's Representative. Each seed supply matrix must be approved in writing by the Owner/Owner's Representative prior to seed inspection.
 - a. Seed testing certificates shall include the species being tested, unique lot number, date of testing, seed origin, % purity, % germination + % dormant (or %TZ test), % weed seed, and name of weeds.
 - 2. Plant Suppliers: Submit copies of the quotations from your native plant suppliers with name, address and phone number(s) that list: species by scientific name, quantities quoted and native origin.
 - 3. Inoculant Suppliers: Submit copies of the quotations from your inoculant suppliers with name, address and phone number(s) that list: species by scientific name, quantities quoted, test date, and test results.
 - 4. Erosion Control Blanket: Submit product information for proposed erosion control blanket applications, including proposed anchoring products & methods as specified herein.
 - 5. Clearing, Installation & Stewardship Schedule: Submit a proposed planting schedule to the Owner/Owner's Representative showing dates for clearing operations, each type of planting and proposed stewardship activities. Include proposed personnel, methods and equipment to be utilized for each task.

NATURAL AREAS ESTABLISHMENT PROVISIONS

6. Irrigation Plan: Submit a proposed watering or irrigation plan that outlines methods for maintaining plant/seed bed moisture as specified herein.
 7. Access & Staging Points: Contractor shall agree in writing to designated access and staging points prior to beginning work.
- C. Certifications:
1. Herbicide – Submit copies of current certificates for the State of Illinois pesticide applicators and operators working on this project.
 2. Prescribed Fire – Submit copies of the burn boss’s Prescribed Burn Manager Certification through the State of Illinois and training certifications required for all burn crew members.

1.09 BACKGROUND INFORMATION

- A. Review underground utility location maps and plans; Notify J.U.L.I.E.; demonstrate an awareness of utility locations; and certify acceptance of liability for the protection of utilities during course of work. Natural Areas Contractor shall be responsible for repairing any damage to utilities or property at no additional cost to the Owner.
- B. Review existing landscape and natural areas present at the project site. Natural Areas Contractor shall be responsible for repairing any damage to existing landscape features and/or existing natural areas that are not slated for removal/alteration as part of this project at no additional cost to the Owner, including but not limited to mitigation fees and/or fines for unauthorized wetland/floodplain impacts.
- C. It is the responsibility of the Natural Areas Contractor to locate, identify, and eradicate any species that may endanger the successful establishment and long-term health of the specified native plant communities within the project area/site. See Appendix-A for a list of common Exotic/Invasive Species.
- D. Because Natural Areas are dynamic systems that constantly change and adapt to current conditions, the stewardship plan must be flexible. This document shall be considered a starting point, a foundation on which the Natural Areas Contractor must build upon using practical experience and knowledge to achieve the specified intent.

PART 2 PRODUCTS

2.01 GENERAL

- A. See Appendix-B for approved Native Seed & Native Plant lists. In the event of any discrepancy between quantities listed in Appendix-B and the Plan Drawing showing the plants, the Plan Drawing shall govern.
- B. All materials, products or equipment described and specified herein are subject to inspection and approval by Owner/Owner’s Representative.
- C. Native trees, shrubs, vines, plugs and seed may be inspected by the Owner/Owner’s Representative at source of supply or the Owner/Owner’s Representative may require the Natural Areas Contractor to submit color photographs which illustrate the specified plant material at the source of supply.
- D. Materials, products and equipment shall be inspected by the Owner/Owner’s Representative at time of delivery to the project site. This inspection does not waive the right to reject any material or product after it has been installed.
- E. The specified species and quantities in this document may be modified by the Owner/Owner’s Representative as a result of site conditions and/or availability.

2.02 TOPSOIL

- A. ASTM D 5268, pH range of 6 to 7, minimum 5 percent organic material content, fertile, friable, free of stones ½ inch or larger in any dimension, roots, plants, sod, clods, clay lumps,

NATURAL AREAS ESTABLISHMENT PROVISIONS

pockets of coarse sand, construction debris, paint & concrete products, petroleum products and other extraneous materials harmful to plant growth; free of noxious weeds, invasive plants and their seed; free of nematodes, grubs, or other pests, pest eggs, or other undesirable organisms and disease-causing plant pathogens; friable and with sufficient structure to give good tilth and aerations. Continuous, air-filled pore space content on a volume/volume basis shall be at least 15 percent when moisture is present at field capacity.

- B. Whenever possible, topsoil for Natural Area operations shall be re-used from material stockpiled on site. Utilize soil-testing to verify suitability of on-site soil to produce topsoil meeting requirements and amend accordingly. If necessary, supplement and/or replace existing on-site soils with imported topsoil when quantities are insufficient. Imported topsoil shall be obtained from a local site where topsoil occurs at least 4 inches deep and mimics as closely as possible the project site's native soils; do not obtain topsoil from bogs or marshes.

2.03 FERTILIZERS AND SOIL AMENDMENTS

- A. The application of fertilizers and/or soil amendments shall be as specified in the Plan(s) or based upon approved soil testing results.
- B. Uniform in composition, dry, and free-flowing. Fertilizer which becomes caked or otherwise damaged making it not suitable for use will not be accepted.
- C. Inorganic Fertilizers and Soil Amendments – Based on recommendations of the soil analysis, the following amendments may or may not be required. If required, the following shall apply:
1. Aluminum Sulfate: Commercial grade, unadulterated.
 2. Gypsum: Agricultural grade, minimum 90 percent calcium sulfate, finely ground with 90 percent passing through No. 50 (0.30-mm) sieve.
 3. Iron Sulfate: Granulated ferrous sulfate containing a minimum of 20 percent iron and 10 percent sulfur.
 4. Lime: ASTM C 602, agricultural liming material containing a minimum of 80 percent calcium carbonate equivalent and as follows:
 5. Class: T, with a minimum of 99 percent passing through No. 8 (2.36-mm) sieve and a minimum of 75 percent passing through No. 60 (0.25-mm) sieve.
 6. Provide lime in form of ground dolomitic limestone.
 7. Monoammonium Phosphate (MAP) 11-52-0
 8. Perlite: Horticultural perlite, soil amendment grade.
 9. Sand: Clean, washed, FA2 (Course Sand) or as specified in the Plan(s) and free of toxic materials.
 10. Sulphate of Potash (SOP) 0-0-50
 11. Sulfur: Granular, biodegradable, containing a minimum of 90 percent sulfur, and with a minimum of 99 percent passing through No. 6 (3.35-mm) sieve and a maximum of 10 percent passing through No. 40 (0.425-mm) sieve.
- D. Organic Fertilizers and Soil Amendments – Based on recommendations of the soil analysis, the following amendments may or may not be required. If required, the following shall apply:
1. Compost: Compost shall be well decomposed, stable, weed free organic matter produced at a facility operating in compliance with, and permitted and regulated in the State of Illinois and meeting the requirements of the Illinois EPA standards for “general use compost” (analogous to part 503 regulations for Class A compost). The product will contain no substances toxic to plants and shall be reasonably free (< 1% by dry weight) of manmade foreign matter. The compost or soil amendment will possess no objectionable odors and shall not resemble the raw material from which it was derived. The product shall be certified through the U.S. Composting Council's

NATURAL AREAS ESTABLISHMENT PROVISIONS

(USCC) Seal of Testing Assurance (STA) program. Proof of registration and good standing within the program will be provided by the manufacturer of the product.

2. Composted Leaf Mulch: See "MULCH" section of this specification
 3. Manure: Well-rotted, unleached, stable or cattle manure containing not more than 25 percent by volume of straw, sawdust or other bedding materials; free of toxic substances, stones, sticks, soil, weed seed and material harmful to plant growth.
 4. Milogranite: Milogranite 6-2-0 Classic (4Fe) Slow-Release Organic Nitrogen fertilizer rich in Iron. Nutrients derived from biosolids.
 5. Mycorrhizal Inoculants:
 - a. Granular form of endomycorrhizal inoculum that are prepared for direct soil application.
 - b. Granular form of ectomycorrhizal inoculum that are prepared for direct soil application.
 - c. Rhizobial Inoculants: Solid, peat-based inoculants (granular or powder form) that are prepared for seed or direct soil application. Each legume species requires a specific species and strain of rhizobia inoculum.
 6. Peat: Domestic peat composed of not less than 90% of decomposed organic matter by weight on oven-dried basis. Peat shall be delivered in a workable condition, with uniform texture and free from lumps.
- E. With adequate documentation of efficacy and appropriateness, alternate fertilizers and/or soil amendments may be utilized only with written approval by the Owner/Owner's Representative.

2.04 SOURCES OF SUPPLY FOR NATIVE SEED & PLANT MATERIAL

- A. Native seed and herbaceous plants shall be purchased from sources specializing in native species. When available and economical, seed and herbaceous plant stock shall be obtained from sources within the same EPA Level III Ecoregion as the project site. If the specified species are not available from the same Ecoregion or are not economical to obtain, seed and herbaceous plants shall be obtained from an adjacent Ecoregion, preferably to the south, west, or east, but no further than 350 miles from the project site. Proposed nursery(s) shall be approved by the Owner/Owner's Representative prior to bidding. See Appendix-C for a list of pre-approved nurseries.
1. Sources of supply for native seed and herbaceous plants shall be a company with a minimum of five (5) years documented experience specializing in the lawful harvest, processing and shipping/storage of native species.
 - a. Seed supplier's facility shall have the capacity to maintain optimal conditions for seed viability and freshness, including but not limited to the ability to control temperature and humidity in each work area, from receiving through seed cleaning, processing, stock shelves and long-term storage.
 - b. Seed not grown by the vendor must be clearly indicated and accompanied by the name and address of the company which grew the seed.
- B. Proposed nursery(s) shall be approved by the Owner/Owner's Representative prior to commencing work.

2.05 NATIVE SEED

- A. Nomenclature: The names of plants required under this Contract conform to those given in the "Standardized Plant Names", 1942 Edition, prepared by the American Joint Committee on Horticultural Nomenclature. Names of varieties not included therein conform generally with names accepted in the nursery trade.

NATURAL AREAS ESTABLISHMENT PROVISIONS

B. Standards:

1. All seeds shall comply with the Federal Seed Act.
2. All seeds shall be of straight species, no horticultural varieties shall be acceptable.
3. Natural Areas Contractor shall provide a fresh clean crop of the specified seed species. All native seed supplied shall be from seed lots tested by a qualified seed testing laboratory, certificates for each lot of each species tested must be supplied to the Owner/Owner's Representative directly from the testing laboratory. Seed test results shall be dated no more than 12 months prior to the anticipated seed installation date.
4. All seeds shall be clean, of the highest quality and shall be processed appropriately for use in mechanized equipment. Native seed testing, packaging, and quality standards for this project shall be incidental to the contract and shall include:
 - a. All native seed shall be provided on a pure live seed (PLS) basis. Actual seed amounts used on the project will vary with the actual percent of PLS in the seed lot. Seed supplied to the site shall contain documentation of PLS testing and, if required, adjustment of the seed weights to provide 100% PLS standards. If rounding is required during PLS adjustment calculations, the adjustment shall always be rounded up. PLS adjustment must be based on seed test results dated no more than 12 months prior to the anticipated seed installation date. Minimum PLS percentage for any species shall be 70%.
 - b. Seed containing noxious weeds will not be accepted. Seed containing weed seed in excess of 0.5% will not be accepted.
 - c. "Bearded" forb species seed (Aster, Solidago, Liatris, etc.) shall be provided as defluffed/debearded seed. Legumes (Dalea, Lespedeza, Desmodium, etc.) shall be provided as de-hulled seed.
 - d. All species requiring scarification shall be appropriately processed prior to seed inspection.
 - e. When required, seed shall be appropriately stratified prior to installation. If the project has been designed for a Dormant seed installation using a "Stratification Seed Mix" and the Natural Areas Contractor misses the optimal installation timeframe, they shall artificially stratify any seed species identified as requiring stratification prior to installation at no additional cost to the Owner.
 - f. All seed shall be shipped in single species containers directly from the supplier and shall be inspected by the Owner/Owner's Representative prior to installation. Inspection requests shall be made in writing to the Owner/Owner's Representative a minimum of ten (10) business days prior to the proposed installation date. Once seed has been inspected and approved in writing by the Owner/Owner's Representative, individually packaged species shall be mixed at the time of planting by the Natural Areas Contractor. At no time shall seed species be mixed by the supplier unless approved in writing by the Owner/Owner's Representative.
 - g. All seed shall be furnished in sealed containers. Seed that has become wet (unless as a result of stratification), moldy, or otherwise damaged in transit or storage will not be acceptable.
 - h. Seed packaging shall be transparent (i.e. clear, re-sealable plastic bags) so that the seed is clearly visible for easy inspection of quality. In the event that

NATURAL AREAS ESTABLISHMENT PROVISIONS

the quantity of seed ordered will not fit in two (2) large clear re-sealable plastic bags the use of woven polypropylene bags will be permitted, however these bags will be cut open by the Natural Areas Contractor at the time of seed inspection. It will be the Natural Area Contractor's responsibility to re-seal the opened bags or transfer the seed to another re-sealable container (such as a plastic bin with lid) after inspection.

- i. Each package containing seed shall be legibly tagged as to supplier name & address, project name, seed mix name, species scientific name, species common name, lot number, specified quantity (adjusted for acreage), and PLS adjusted quantity (adjusted for acreage). Seed stock shall be true to species as specified and information provided on seed packaging shall correspond to the approved Seed Supply Matrix.
- j. All Native Seed mixes will be accompanied by a cover crop consisting of *Avena sativa* (Seed Oats) at a rate of twenty (20) pounds per acre with Spring planting or ReGreen™ (Wheat x Wheatgrass hybrid) cover crop at a rate of twenty (20) pounds per acre for Fall plantings. The cover crop shall be the only non-native species planted! The Owner/Owner's Representative may approve the deletion of the cover crop as a result of site conditions at a cost savings to the Owner.
- k. All Native Seed mixes specified above normal water level will be accompanied by a granular form of endomycorrhizal inoculum at a minimum rate of forty (40) pounds per acre and rhizobia inoculum for the appropriate plant species at rates recommended by the native plant nursery. Natural Areas Contractor shall provide proof that the Mycorrhizal inoculum utilized contains a majority of live spores.

2.06 NATIVE HERBACEOUS PLANTS

- A. Nomenclature: The names of plants required under this Contract conform to those given in the "Standardized Plant Names", 1942 Edition, prepared by the American Joint Committee on Horticultural Nomenclature. Names of varieties not included therein conform generally with names accepted in the nursery trade.
- B. Standards:
 - 1. All herbaceous plant materials, methods, etc. are to conform to the Standards of the American Association for Nursery Stock (ANSI Z60.1-2004). In the event there is a discrepancy between these standards and this Document, the most restrictive requirement shall govern.
 - 2. All herbaceous plants shall be of straight species, no horticultural varieties shall be acceptable unless otherwise specified.
 - 3. All herbaceous plants will be provided in single-form factor plug trays that are configured to grow plugs at least 2" in diameter by 4-1/2" deep (minimum 11.9 in³), unless otherwise noted in this document.
 - 4. Herbaceous plant containers shall be legibly tagged as to name and size of container and shall be true to species as specified in this document.
 - 5. All herbaceous plants shall be alive, healthy, hydrated, and in a vigorous growing condition at the time of delivery.
 - 6. All herbaceous plants will be inoculated with a broad-spectrum mycorrhizal fungi mix. All leguminous species must be inoculated with the proper strain of rhizobia inoculum as well.

NATURAL AREAS ESTABLISHMENT PROVISIONS

7. For ephemeral or other specific types of native species, Bare Root stock may be utilized upon written approval by the Owner/Owner's Representative.
 8. For emergent & aquatic native species, Bare Root stock may be utilized upon written approval by the Owner/Owner's Representative.
 9. To avoid frost damage and shock, plants utilized prior to May 31st shall be overwintered stock and shall not have been force grown under heated greenhouse conditions.
- C. Natural Areas Contractor shall provide written documentation to the Owner/Owner's Representative as to the source of supply, quantities, and species by scientific & common name of the herbaceous plants ordered prior to installation (e.g. supplier's invoice).

2.07 EROSION CONTROL

- A. Standard Erosion Control Blanket shall be:
1. Single Net Straw with natural fiber netting, such as:
 - a. S-75BN
North American Green
Evansville, IN 47725
PH: 800-772-2040
www.nagreen.com
-or approved substitution
 2. Double Net Straw with natural fiber netting, such as:
 - a. S-150BN
North American Green
Evansville, IN 47725
PH: 800-772-2040
www.nagreen.com
-or approved substitution
 3. Double Net Straw/Coconut with natural fiber netting, such as:
 - a. SC-150BN
North American Green
Evansville, IN 47725
PH: 800-772-2040
www.nagreen.com
-or approved substitution
- B. Heavier blanket may be required as part of the SWPPP, see SWPPP and engineering plans for additional blanket requirements.

2.08 HERBICIDE

- A. General requirements:
- B. All herbicide product labels must be strictly followed and shall supersede any of the information contained in this document.
- C. All herbicide use shall be in strict compliance with manufacturers label specifications, application rates, procedures, warning labels, and all applicable codes, standards, and best management practices.
- D. The Natural Areas Contractor shall have on site at all times the appropriate Materials Safety Data Sheets (MSDS) and labels for all substances utilized in the fulfillment of this project.
- E. Herbicide(s) shall contain 0.25% v/v surfactant. If selected herbicide does not contain surfactant, the Natural Areas Contractor shall add appropriate surfactant(s) at the specified rate of the manufacturer and in accordance with all applicable regulations.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- F. Herbicide(s) shall be mixed with water, oils, fuels, anti-foaming agents, and/or tackifiers in order to achieve the appropriate potency and/or to increase water resistance and persistence at the specified rate of the manufacturer and in accordance with all applicable regulations.
- G. All herbicide(s) shall contain colored dye, such as "The Turfmark", "Signal", or "Spimax" mixed at a ratio of one-ounce to one-gallon applied to herbaceous plant material or "Bas-oil" mixed at a ratio of four-ounces to five-gallons applied to woody plant material, to aid in identification of areas or objects that have received herbicide treatment.
 - 1. Dyes shall be eliminated from herbicides used directly adjacent to walkways or other high-visibility or sensitive structures that could potentially become stained by the dye.
- H. Natural Areas Contractor shall conduct herbicide applications so that over-application/overspray and volatilization is minimized or eliminated. Herbicide shall be applied to treat only those species targeted. Damage caused by mistreatment or over-application/overspray shall be quantified and calculated by the Owner/Owner's Representative and repaired by the Natural Areas Contractor at no cost to the Owner or adjacent Land Owners.
- I. No herbicide(s) shall be mixed or loaded on the project site unless approved in writing by the Owner/Owner's Representative.
- J. A supply of chemical absorbent shall be maintained at the project site. Any chemical spills shall be cleaned up and reported to the Owner/Owner's Representative immediately.
- K. Herbicide(s) shall not be applied within two (2) hours of anticipated precipitation or if heavy rains have resulted in an extremely wet soil or stump surface. Applications shall be postponed until the next expected dry two (2) hour period.
- L. Natural Areas Contractor shall not apply herbicide during periods of excessive wind.
- M. Only personnel who are a State of Illinois certified pesticide applicator or certified pesticide operator working under a certified pesticide applicator and is trained in plant identification shall perform the application of herbicides. All certifications must be current. The Contractor shall submit a copy of herbicide licenses for all applicators and operators to the Owner/Owner's Representative prior to beginning work on the project.
- N. Approved non-selective herbicides (Active Ingredient):
 - 1. Razor Pro or Equivalent (Glyphosate 41.0%)
 - 2. Aquaneat or Equivalent (Glyphosate 53.8%, Aquatic Labeled)
- O. Approved selective herbicides (Active Ingredient):
 - 1. Weeder 64 or Equivalent (2, 4-DAmine 46.8%)
 - 2. Agri Star or Equivalent (Clethodim 26.4%)
 - 3. Tahoe 3A or Equivalent (Triclopyr Amine 44.4%)
 - 4. Tahoe 4E or Equivalent (Triclopyr Ester 61.6%)
- P. With adequate documentation of efficacy and appropriateness, alternate herbicides may be utilized only with written approval by the Owner/Owner's Representative. Under no circumstances are persistent herbicides such as Atrazine to be used.

2.09 WATER

- A. Water shall be free of substances harmful to the growth of vegetation.

PART 3 BRUSH AND TREE CLEARING

3.01 PREPARATION

- A. Protection of Existing Trees and Vegetation: Protect existing trees and other vegetation indicated to remain in place against unnecessary cutting, breaking, skinning of roots, skinning

NATURAL AREAS ESTABLISHMENT PROVISIONS

or bruising of bark, smothering of trees by stockpiling construction materials within drip lines, excess foot or vehicular traffic, or parking of vehicles under tree drip lines. Provide temporary guards to protect trees and vegetation to be left standing, as indicated on the Plans.

- B. Locate, identify and protect utilities, survey benchmarks and control points, and existing structures from damage or displacement. Utilities to be abandoned or removed shall be disconnected and plugged or capped in accordance with the requirements of the utility company, involved agency, or the Owner/Owner's Representative. The Natural Areas Contractor shall immediately repair damage to utilities, survey benchmarks, control points, and existing structures at no cost to the Owner.

3.02 TREE PROTECTION

- A. Existing trees to remain (particularly "specimen" trees) within the construction area(s) shall be prepared for the stresses of clearing/construction operations by the Natural Areas Contractor prior to commencement of construction operations to ensure survival. Treatments/Methods of preparation are subject to approval by the Owner/Owner's Representative (e.g. deep root fertilization, trimming, or pruning).
- B. Prior to work beginning, erect and maintain temporary fencing around tree protection zones as determined by the Natural Areas Contractor. Remove fence when construction is complete.
 1. Do not store construction materials, debris, or excavated material within fenced area.
 2. Do not permit vehicles, equipment, or foot traffic within fenced area.
 3. Maintain fenced area free of weeds and trash.
 4. Do not excavate within tree protection zones, unless otherwise indicated and/or approved in writing by the Owner/Owner's Representative.
 5. Where excavation for new construction is required within tree protection zones, hand clear and excavate to minimize damage to root systems. Use narrow-tine spading forks, comb soil to expose roots, and cleanly cut roots as close to excavation as possible.
- C. Repair, replace, or monetarily compensate for trees and vegetation indicated to remain that are damaged by construction operations, in a manner approved by the Owner/Owner's Representative.
 1. If repairs are needed, the Owner/Owner's Representative shall employ an independent ISA Certified Arborist, licensed in the jurisdiction where the Project is located, to submit details of proposed repairs to the Contractor, and to repair damage to existing trees and shrubs at the Contractor's cost.

3.03 EXECUTION

- A. The Contractor shall exercise due care in their construction operations to prevent marring or scarring of species that are to remain and their associated root systems.
- B. If the Contractor finds any targeted specimen to be questionable as to whether it should remain or be removed, they shall contact the Owner/Owner's Representative immediately. The Owner/Owner's Representative shall visit the site and make the appropriate recommendation to the Contractor in writing.
- C. If the Contractor removes non-target species and/or target species that were marked to remain, the Owner/Owner's Representative shall hire a qualified individual or agency, at the Contractor's cost, to evaluate the monetary value of the downed species using standard practices of the trade. At the Owner's discretion, the Contractor shall compensate the Owner

NATURAL AREAS ESTABLISHMENT PROVISIONS

according to the evaluator's findings or shall replace the removed species at a ratio of two (2) inches DBH for each one (1) inch of DBH cut. All replacement plantings shall be of species as specified by the Owner/Owner's Representative and shall be guaranteed by the Contractor for one (1) year from the date of replacement.

- D. Methods of tree and brush removal shall be approved in writing by the Owner/Owner's Representative prior to work beginning. Standard tree and brush removal methodologies are defined as follows:
1. Mechanical Removal: Any cutting/removal of brush that includes any rubber-tired or track vehicle, tractor or similar implement mounted with mowing/cutting equipment. Examples of mechanical removal equipment include deck mowers, seppi, bush hog, forestry mowers or other similar equipment. Without exception, any mechanical removal of brush shall occur only under conditions of frozen soils so that absolutely no rutting/pitting or other damage to the existing soils occurs. Without exception, mechanical removal of brush shall not occur in wetlands under any circumstances.
 2. Hand Cutting: Any cutting of material that includes access to the clearing area on foot only. Chain saws, brush clearing saws, handsaws and loppers may be used. Upon written approval by the Owner/Owner's Representative, small walk behind mower-type brush cutters may be utilized provided that their use does not result in rutting or pitting of the soil while in operation.
 3. Basal Bark: Involves herbicide application directly to the trunk of the target species that are one inch or less at the base. Herbicides shall be applied with a backpack or handheld sprayer using low pressure and an adjustable solid cone, flat fan nozzle, or wick/sponge-type applicator. Apply herbicide directly to the tree trunk, around the entire circumference, at 6" above the soil until thoroughly wet near the ground plane, but not to the point of runoff. Basal bark application to excessively small stems (under 1 cm diameter at the base) shall be treated with a wick or sponge-type applicator. Apply during dormancy, except when snow or water prevents spraying to the ground plane.
 4. Frill: Approximately twelve (12) inches above the ground surface, cut the outer bark, approximately ½" into trunk penetrating the cambium layer, and fill cut with an appropriate herbicide solution so that the plant absorbs the active ingredient.
 5. Girdle: Approximately six (6) inches above the ground surface, cut the outer bark thru the cambium slightly into the trunk, making a circle all the way around the trunk. Make a second cut six (6) inches up the trunk and completely remove the bark between the two cuts.
- E. Use only hand cutting methods for grubbing inside drip lines of non-targeted species and/or targeted species indicated to remain.

3.04 SCOPE OF TARGET SPECIES REMOVAL

- A. The Natural Areas Contractor shall be responsible for positively identifying all woody species before they are removed.
- B. Target species to remain are shown on plans and/or have been field marked at the base of trunk in green spray paint and/or tagged with green ribbon.
- C. Target species that are six (6) inches DBH (Diameter at Breast Height) or larger and require complete removal shall be shown on the Plan(s) and have been field marked at breast height in red spray paint and/or tagged with red ribbon. The remaining unmarked target species six (6) inches DBH or larger shall be girdled or frilled:

NATURAL AREAS ESTABLISHMENT PROVISIONS

1. Frilling and Girdling is not permitted within seventy-five (75) feet of any fence, utility, utility line, road, trail, railroad line, parking lot, or other physical structure. In these instances, target species must be cut at the base and disposed of in accordance with this document.
- D. Target species that are less than six (6) inches DBH shall be cut at a height of no more than two (2) inches above the soil surface. Stems that are in submerged or seasonally flooded areas shall be cut at a height of four (4) inches above the water or ice surface. All stems shall be cut horizontally flat.
- E. All cut target species shall be treated with an herbicide mixture. After cutting down the target species apply herbicide, such as Garlon 4E in a 20-30% (or as stated on the product label) solution in basal oil, to the stump. *Lonicera* spp. shall be treated with RoundUp in a 50% solution, to the stump. Treat the cut area around the edge with herbicide so the cambium layer will take up the active ingredient. Herbicide shall be applied immediately after cutting.
- F. All herbicide applications shall be accomplished by utilizing wick or sponge-type applicators only. No herbicide applications shall be made with broadcast spray equipment unless approved in writing by the Owner/Owner's Representative.
- G. The Natural Areas Contractor shall demonstrate selective removal practices where target species are effectively eliminated and non-target species are left unharmed at all times. This includes areas where target and non-target species are intermingled.
- H. Removal goals for target species are as follows:
 1. Non-Native Species:

a. All Non-Native Species	100% Stem Reduction
---------------------------	---------------------
 2. Native Species:

a. Boxelder (<i>Acer negundo</i>)	100% Stem Reduction
b. Sugar Maple (<i>Acer saccharum</i>)	50% Stem Reduction
c. Common Hackberry (<i>Celtis occidentalis</i>)	50% Stem Reduction
d. Grey Dogwood (<i>Cornus racemosa</i>)	75% Stem Reduction
e. Ash species (<i>Fraxinus</i> spp.)	100% Stem Reduction
f. Eastern Cottonwood (<i>Populus deltoides</i>)	25% Stem Reduction
g. Black Cherry (<i>Prunus serotina</i>)	75% Stem Reduction
h. Sandbar Willow (<i>Salix interior</i>)	100% Stem Reduction
i. Black Willow (<i>Salix nigra</i>)	50% Stem Reduction
j. Elm Species (<i>Ulmus</i> spp.)	50% Stem Reduction
k. Other	As Determined On Site
 3. Target species stem reduction percentages shall be accomplished and assessed across the entire site. It is not allowable for the Natural Areas Contractor to remove 100% of a target species across 50% of the site in order to achieve a 50% Stem Reduction goal.

3.05 TREATMENT OF TARGET SPECIES RE-SPROUTS

- A. The Natural Areas Contractor shall conduct follow-up herbicide treatments to all re-sprouts, re-growth, or other remaining live plants of the target species and/or all non-native woody species during the growing season immediately following clearing operations.
- B. Follow-up herbicide treatments during the growing season may be applied with foliar application using an appropriate herbicide, such as Garlon 3A. Damage to surrounding vegetation due to re-sprout treatments shall be repaired by the Natural Areas Contractor at no additional cost to the Owner.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- C. Follow-up herbicide treatments during the dormant season may be applied with cut-stem and/or basal bark application using an appropriate herbicide, such as Garlon 4E. Damage to surrounding vegetation due to re-sprout treatments shall be repaired by the Natural Areas Contractor at no additional cost to the Owner.
- D. The Natural Areas Contractor shall initiate follow-up herbicide treatments when re-sprouts have reached a height of three to six (3-6) inches (approximately May 1st). The Contractor shall continue follow-up herbicide treatments until performance criteria have been achieved.

3.06 DISPOSAL

- A. All cuttings longer than two (2) feet in length and/or larger than one (1) inch in diameter shall be removed from the project site. Smaller cuttings and cutting debris that has been shredded or chipped by the use of hand-held mechanical equipment may be left on site to decompose or be consumed by prescribed fire (if applicable). Cuttings and cutting debris shall not be allowed to accumulate to a depth that will smother existing desirable native species, prevent existing desirable native species from emerging or prevent good seed-to-soil contact in newly seeded areas (approximately one-half inch maximum depth).
- B. The collection and stockpiling of cuttings, logs, stumps, root material, sod, rubbish, surface debris, or other materials shall not result in pitting, rutting or any other soil disturbances. Mechanized collection, transport, and stockpiling shall be permitted only under these conditions.
- C. Stockpiling areas shall be as shown on plans or shall be chosen by the Contractor using the following criteria:
 - 1. Damage to high quality natural or cultural features shall not be allowed
 - 2. Ease of access
 - 3. Aesthetics (placement of piles shall not disrupt views from trails and roads)
- D. Stockpiling shall not be allowed in wetland areas
- E. Whenever possible, stockpiling shall occur in degraded areas
- F. Written approval of proposed stockpiling areas by the Owner/Owner's Representative
- G. Dispose of non-desirable cuttings, logs, stumps, root material, sod, rubbish, surface debris, or other material off of Owner's property in accordance with local jurisdiction. Contractor shall provide documentation to the Owner/Owner's Representative of disposal methods upon request.
- H. Disposal of cuttings and other materials shall be completed simultaneously with the initial selective target species removal and herbicide treatment(s).
- I. Alternate methods of disposal or use, such as cut & drop, cut & chip, burn piling, habitat enhancement, etc, may be utilized as specified in the Plan(s) or upon written approval from the Owner/Owner's Representative.

PART 4 NATIVE HERBACEOUS PLANTING

4.01 INSTALLATION TIMEFRAME

- A. NON-STRATIFICATION SEED MIXES:
 - 1. Non-Stratification seed mixes are those consisting of 60% or more species by seed count that do not require cold moist stratification periods of 30 days or more.
 - 2. Optimal Installation Timeframe
 - a. Spring: March 1st – June 15th
 - b. Dormant: September 15th – October 31st
 - 3. Alternative Installation Timeframe

NATURAL AREAS ESTABLISHMENT PROVISIONS

4. November 1st – February 28th: Cover crops will not germinate during this seeding time and may be eliminated upon written authorization by the Owner/Owner's Representative at a cost saving to the Owner.
 5. June 15th – September 15th: Installation of native seed shall be suspended unless irrigation can be provided or unseasonably cool and wet conditions persist. Any annual forbs specified in the seed mixes may germinate during this time, however they may not have sufficient time to flower and set seed before fall senescence, essentially removing them from the plant community. If this seeding time is chosen, annual forbs shall be removed from the seed matrix and planted at a subsequent, more appropriate time as determined by the Owner/Owner's Representative.
- B. STRATIFICATION SEED MIXES:
1. Stratification seed mixes are those consisting of 60% or more species by seed count that require cold moist stratification periods of 30 days or more.
 2. Optimal Installation Timeframe
 - a. Dormant: November 1st – December 31st
 3. Alternative Installation Timeframe
 - a. March 1st – June 30th: Installation of native seed shall be suspended unless the Natural Areas Contractor can provide artificially stratified seed and consistent irrigation for 6-8 weeks as described herein.
 - b. Owner/Owner's Representative must be notified when the seed has entered refrigeration for artificial stratification and reserves the right to inspect said seed at any time throughout the stratification period.
- C. GRASS MONOCULTURE SEED MIXES:
1. Grass Monoculture seed mixes are typically comprised of warm season grass species requiring 60-70° soil temperatures to germinate.
 2. Optimal Installation Timeframe
 - a. June 1st – July 15th: Seeding during this period is required for germination and appropriate establishment, consistent irrigation shall be provided as described herein.
 3. Alternative Installation Timeframe
 - a. NO ALTERNATE SEEDING TIMES WILL BE ACCEPTABLE FOR NATIVE GRASS MONOCULTURES (Buffalo Grass Lawn, Transitional Buffer Seed Mix, Seed/Plug Hybrid Seed Mix, etc.). If seeding cannot be completed during the optimal seeding times, seeding areas shall be temporarily seeded until the next optimal seeding time at which time the Natural Areas Contractor shall prepare and seed the Native Grass
- D. HERBACEOUS PLANTS
1. Optimal Installation Timeframe
 - a. April 1st – May 31st (Overwintered stock only, see PRODUCTS)
 2. Alternative Installation Timeframe
 - a. June 1st –September 30th: Planting of herbaceous plants during this period can only be conducted if consistent irrigation is provided.
 - b. October 1st – March 31st: Planting of herbaceous plants during this period can only be conducted if the shrink-swell potential of the soil is low.
- E. Alternate seeding and herbaceous plant installation times must be approved in writing at the discretion of the Owner/Owner's Representative prior to planting.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- F. The approval of an alternate seeding and/or herbaceous plant installation time shall not relieve the Natural Areas Contractor from their performance obligations as outlined in the performance section of this document. All performance criteria shall be enforced.

4.02 DELIVERY, HANDLING, AND TEMPORARY STORAGE

- A. Seed containers are to be stored off the ground and indoors.
- B. Seed packaging is to be protected from moisture and extreme heat. Seed shall be stored in a temperature controlled environment.
- C. On-site storage of seed and/or live plants shall be at the Natural Areas Contractor's own risk. Any damage incurred to plant or seed stock while stored on-site shall not relieve the Natural Areas Contractor from his/her responsibility for furnishing and installing all plant materials in strict accordance with this document.
- D. Live plants shall be protected from grazing animals (e.g. geese).
- E. Live plants may require regular watering and supplemental nutrition while in temporary storage. Consult the native plant nursery for recommendations. Natural Areas Contractor is to ensure that live plants are in a healthy, vigorous state upon installation.
- F. Protect live plants from frost.

4.03 LAYOUT

- A. All seeding and planting zones/locations shall be laid out and marked on the project site according to the plan by the Natural Areas Contractor. No seeds or plants shall be installed until the seeding and planting zones/locations has been approved in writing by the Owner/Owner's Representative.
- B. Wherever site conditions require it, the Owner/Owner's Representative reserves the right to adjust the limits of seeding/planting areas without adjusting total seed quantities at no additional cost to the Owner.

4.04 GRADED SITE PREPARATION

- A. The Natural Areas Contractor shall coordinate with the Grading Contractor to ensure proper handling within planting areas. A preconstruction meeting and at least one (1) meeting during construction shall be held in order to coordinate equipment movement within planting areas to avoid/reduce soil compaction and to review underground utility location maps and plans. This meeting shall be coordinated by the Construction Project Manager. The following tasks may be performed by the Grading Contractor with proper coordination; however it is the responsibility of the Natural Areas Contractor to ensure that the native planting areas are prepared according to this document.
- B. After the completion of subgrade preparation the Natural Areas Contractor shall rip or disc soil to a depth of four (4) inches within areas designated for native seed mixes. When conditions are such that, by reason of drought, frost, excessive moisture, or other factors satisfactory results are not likely to be obtained, the work will be suspended and shall resume only when conditions are appropriate. Undulation or irregularities in the surface that would interfere with the Natural Areas Contractor's operations or maintenance shall be leveled before the next operation.
- C. Spread topsoil to a minimum depth of 6" meeting thickness, grades and elevations shown on engineering plans after light rolling and natural settlement. When conditions are such that, by reason of drought, frost, excessive moisture, or other factors satisfactory results are not likely to be obtained, the work will be suspended and shall resume only when conditions are appropriate. Add specified soil amendments and mix thoroughly into upper four (4) inches of topsoil. Delay mixing fertilizer with topsoil if planting will not proceed within 72 hours of spreading. If required, mix lime with dry soil before mixing fertilizer.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- D. Spread approximately ½ the thickness of topsoil over loosened subgrade. Work into top of loosened subgrade to create a transition layer. Spread remainder of planning soil.
- E. Prior to beginning seeding/planting operations the Natural Areas Contractor shall:
 - 1. Confirm topsoil placement by the Grading Contractor within all planting zones.
 - 2. Request copies of soil test results for review. If soil test results are not available, Natural Areas Contractor shall conduct soil testing as per the products section of this document. If soils do not meet specification it shall be amended or replaced by the Natural Areas Contractor prior to beginning seeding/planting operations.
 - 3. Confirm that the Grading Contractor has removed all foreign matter and/or soil clods larger than two (2) inches in any dimension within the areas to be seeded. Natural Areas Contractor shall be responsible for removing all foreign matter prior to beginning seeding/planting operations.
 - 4. Check compaction of topsoil (0-6" depth) and normal subsoil depth (6-12" depth) utilizing a penetrometer with ¾" tip:
 - a. Topsoil shall be loose, friable and measure less than 200 psi.
 - b. Subsoils shall be firm and measure less than 300 psi.
 - c. Natural Areas Contractor shall test for compaction in random locations throughout the planting area, at a minimum the number of testing locations shall be 0.1% of the planting area unless otherwise agreed to by the Owner/Owner's Representative (i.e. 5,000 square feet of planting areas would require a minimum of 5 testing locations).
 - d. Record compaction test locations utilizing a GPS unit and document the results of each test location. Submit compaction test data and compaction remediation plan to Owner/Owner's Representative for approval prior to planting.
- F. Natural Areas Contractor shall utilize equipment having low unit pressure ground contact within planting areas. They shall take precautions to ensure that equipment and vehicles do not damage the grading, utilities, structures, or existing trees and shrubs during planting operations. Any damage shall be repaired by the Natural Areas Contractor at no additional cost to the Owner.
- G. Non-native perennial species may require control with a low toxicity (2% mixture), non-persistent glyphosate based herbicide. Apply herbicides as needed after grading operations.
- H. Allow 10-14 days after spraying herbicides prior to cultivating for seed bed preparation. Check for weed growth. Reapply herbicide when the weeds are 2-3 inches tall. Wait 10 days and rake smooth, do not compact.

4.05 VEGETATED/NON-GRADED SITE PREPARATION

- A. Planting areas that contain solid stands of existing non-native/weedy herbaceous vegetation and are not to be disturbed by grading operations, or have been graded and now have established non-native/weedy herbaceous vegetation, shall be treated with applications of a Glyphosate herbicide resulting in a complete kill of all existing vegetation. Broadcast or "Boom" spraying of herbicide is acceptable under these conditions; precautions shall be taken to eliminate damage from overspray.
- B. Planting areas that contain existing desirable native herbaceous vegetation and are not to be disturbed by grading operations shall be treated with applications of an appropriate selective herbicide, resulting in a 99% kill (brown-out) of non-native/weedy herbaceous vegetation and the survival of existing desirable native herbaceous vegetation. Limited spot applications

NATURAL AREAS ESTABLISHMENT PROVISIONS

of herbicide shall be utilized if conservative native plant species within the planting are to be preserved.

- C. Planting areas that are heavily vegetated with persistent species such as Quackgrass (*Elymus repens*), Fescues (*Festuca* spp.), Reed Canary Grass (*Phalaris arundinacea*) or Canada Thistle (*Cirsium arvense*) often require two or more herbicide applications at 2-3 week intervals to kill resprouts and seedlings from the existing seed bank.
- D. Herbicide applications in or adjacent to shorelines or open water shall utilize an herbicide approved for aquatic use.
- E. Mowing, Raking and/or Prescribed Fire may be required to eliminate standing biomass prior to seeding, including leaf litter in Savanna or Woodland project areas. Conduct mowing, raking and/or Prescribed Fire as shown on the Plan(s) or as deemed necessary to achieve good seed-to-soil contact and to meet the performance criteria.
- F. Native Areas Contractor shall scarify the soil in order to prepare the site for good seed-to-soil contact. Scarification shall result in disruption of a minimum seventy five percent (75%) of the soil surface no greater than one-half inch (½”) deep. Scarification methods must be approved in writing by the Owner/Owner’s Representative prior to implementation.
- G. Native Areas Contractor shall not disc or roto-till the soils within vegetated planting areas prior to planting, unless the area(s) have been heavily trafficked/compacted or as otherwise directed by the Owner/Owner’s Representative. Whenever vegetated planting areas are disturbed, they shall be prepared for planting as per the “GRADED SITE PREPARATION” section of this specification.
- H. Natural Areas Contractor shall utilize equipment having low unit pressure ground contact within planting areas. They shall take precautions to ensure that equipment and vehicles do not damage the grading, utilities, structures, or existing trees and shrubs during planting operations. Any damage shall be repaired by the Natural Areas Contractor at no additional cost to the Owner.

4.06 INSTALLATION

- A. Following seedbed preparation, an application of soil amendments shall be completed within the following areas at the following application rates:

ALL SEEDING AREAS		
Product Description	Application Rate	Application Times
Gypsum	50#/1,000 s.f.	Prior to Seed Installation
Hi-Cal Lime	30#/1,000 s.f.	Prior to Seed Installation
SOP (0-0-50)	5#/1,000 s.f.	Prior to seed installation
MAP (11-52-0)	4#/1,000 s.f.	Prior to seed installation
Milorganite	15#/1,000 s.f.	Prior to seed installation

- B. Seed shall be drop-seeded by a rangeland type dropseeder designed to plant native grass and forb seed (such as the Trillion or Belco seeder). Unless otherwise approved in writing by the Owner/Owner’s Representative, seed shall be installed in two (2) separate runs where each application of seed shall overlap the previous application by one half (1/2) the weight to insure double coverage of seeded areas (example: seed in a north to south direction @ ten pounds per acre, then overlap by seeding in an east to west direction @ ten pounds per acre, resulting in a total coverage of twenty pounds per acre [twenty pounds per acre is an example only, see Appendix-B for actual project seeding rates].) Each planting run shall overlap by a minimum of six (6) inches. Some seed species require exposure to sunlight for

NATURAL AREAS ESTABLISHMENT PROVISIONS

- germination, these species shall be planted separately, after dropseeding, utilizing the broadcasting method.
- C. If site conditions prohibit the use of mechanized seeding equipment, broadcasting of seed is acceptable on exposed soil only. If seed is broadcast, it shall be mixed with an equal amount of inert filter (such as sand, vermiculite, rice hulls, etc.) to enable an even distribution of seed. A mechanical broadcast seeder may also be utilized, such as Cyclone or Truax Seed Slinger. Seed shall be broadcast in three (3) separate applications:
1. Broadcast half (1/2) of the specified native grass seed first. Drag the seeding area utilizing a rake or similar equipment, work native grass seed into the soil achieving a final planting depth between 0.25" (1/4") – 0.5" (1/2").
 2. Broadcast remaining native grass seed, cover crop and one-third (1/3) of the remaining seed mixture (sedges/rushes/forbs), reserving 100% of any species indicated as "surface sown" in Appendix-B. Lightly drag the seeding area utilizing a rake or similar equipment, working the native seed into the soil achieving a final planting depth between 0.0625" (1/16") – 0.25" (1/4").
 3. Broadcast remaining seed directly atop prepared seedbed. Do not drag or rake.
 4. Where site conditions allow it, roll broadcast seeded areas immediately after installation to ensure good seed-to-soil contact.
- D. Do not sow seed in areas where standing water is present, during adverse weather or when wind speeds exceed ten (10) miles per hour unless approved in writing by Owner/Owner's Representative.
- E. Hydroseeding of Native Seed is not acceptable. Hydromulch may be utilized as an erosion control method upon written approval by the Owner/Owner's Representative.
- F. The Natural Areas Contractor shall rake, roll or drag broadcast seeded areas perpendicular to the slope within 24 hours after seeding, or as soon as site conditions permit. The use of compaction wheels on the seed drill or cultipacker on the dropseeder is acceptable.
- G. Erosion control measures shall be implemented immediately upon seeding completion. The Owner/Owner's Representative may reduce erosion control requirements based on site conditions and/or planting.
1. All seeded areas on newly graded sites shall include the installation of a temporary erosion control blanket, unless otherwise stated on the Plan(s). Install erosion control blanket as per the manufacturer's recommendation or as shown on Plan(s), at a minimum the Natural Areas Contractor shall:
 - a. Apply blanket materials without stretching, allowing the blanket to lie smoothly but loosely on the soil surface.
 - b. Minimize walking directly on the seed or topsoil bed either before or after the blanket is applied.
 - c. Bury all upslope blanket ends a minimum of four (4) inches deep, staple at twelve (12) inch intervals and firmly tamp trench backfill after closing.
 - d. Restore all disturbed edges immediately following blanket installation utilizing the same seed mixes installed with the blanket, ensure seed becomes incorporated.
 2. All shorelines from a minimum of three (3) feet above normal water level (NWL) to a minimum of one (1) foot below NWL shall at a minimum include the installation of S-150 temporary erosion control blanket, heavier blankets may be required depending upon the application.

NATURAL AREAS ESTABLISHMENT PROVISIONS

3. All planting areas in direct contact with concentrated water flow (drainage ways, swale bottoms, streams, etc.) shall at a minimum include the installation of SC-150 temporary erosion control blanket, heavier blankets may be required depending upon the application.
 4. In addition to the installation of SC-150 temporary erosion control blanket, shorelines adjacent to consistently flowing water (streams, creeks, etc.) shall also be protected with coconut fiber erosion control logs as specified on Plan(s).
 5. Alternate blanket types may be required as part of the SWPPP, see SWPPP and engineering plans for additional blanket requirements. For any conflicts between this document and an existing SWPPP, the more restrictive document shall prevail.
- H. Herbaceous plant and bare root planting densities will vary according to project budget and project goals.
- I. Shorelines shall include planting within the "safety shelf" a minimum of three (3) live native plugs per linear foot of shoreline and shall be distributed from Normal Water Level (NWL) to two feet (2') out from NWL.
- J. Herbaceous plants and bare root plants shall be installed in full or half flats, creating drifts or groupings of the same species rather than planting all species intermixed randomly across the site. Plant spacing within each grouping shall be eighteen inches (18").
- K. Herbaceous plants and bare root plants shall be installed in holes drilled with an auger with the same diameter and depth as the herbaceous plant's or bare root/tuber root massing (within +.75"/-.25"). In wetland & shoreline plantings where soil is soft and moist enough, a dibble bar or trowel may be used to create planting holes. Avoid severely damaging erosion control mat during plug planting operations.
- L. Insert herbaceous plants or bare root plants into hole so that the final position of the root crown following planting, soil settlement, and initial watering is slightly below the soil surface (1/8 – 1/4 inch). All crowns shall be covered with soil.
- M. Ensure that herbaceous plants and bare root plants are not loose after planting.
- N. Each herbaceous plant or bare root plant shall be flooded with approximately 200 ml of water after insertion into the ground, watering shall result in a saturated soil condition.
- O. Herbivory protection fencing shall be erected around all herbaceous plants that have been installed in areas where there is a potential for depredation. Install native herbaceous plants and herbivory protection fencing in 100' – 200' lengths, leaving 4-6' wide openings between ends to allow access to the water for people and wildlife during the establishment period.
1. Install steel T-posts @ twelve (12) feet on-center (maximum). Drive posts into the ground so that the enclosure will extend at least two (2) feet in height above the tops of installed herbaceous plants.
 2. Attach black UV stabilized poultry netting securely to the steel T-posts with plastic zip-ties.
 3. Attach nylon rope to the top of steel T-posts in a zigzag pattern to prevent aerial landings by waterfowl.
 4. Natural Areas Contractor shall disassemble and remove all waterfowl enclosures from the project site after two (2) complete growing seasons. The Owner/Owner's Representative may request removal of the enclosure prior to the two (2) year term ending.
 5. Natural Areas Contractor shall maintain the enclosure in a functional and aesthetic condition. The Natural Areas Contractor shall make all required, reasonable repairs and/or replacements in a timely manner.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- P. **ALTERNATE** - Waterfowl exclosures shall be erected around all herbaceous plant “pods”. Install herbaceous plants and goose exclosure fencing in 10’ x 10’ pods, installed 30’ on center.
1. Install steel T-posts @ ten (10) feet on-center (maximum). Drive posts into the ground so that the exclosure will extend at least two (2) feet in height above the tops of installed herbaceous plants.
 2. Attach black UV stabilized poultry netting securely to the steel T-posts with plastic zip-ties.
 3. Attach nylon rope to the top of steel T-posts in a zigzag pattern to prevent aerial landings by waterfowl.
 4. Natural Areas Contractor shall disassemble and remove all waterfowl exclosures from the project site after two (2) complete growing seasons. The Owner/Owner’s Representative may request removal of the exclosure prior to the two (2) year term ending.
 5. Natural Areas Contractor shall maintain the exclosure in a functional and aesthetic condition. The Natural Areas Contractor shall make all required, reasonable repairs and/or replacements in a timely manner.
- Q. The Natural Areas Contractor shall be responsible for protecting shoreline & wetland plantings from predation and foot traffic. All reasonable efforts to prevent damage shall be made by the Natural Areas Contractor as incidental to natural areas management. This may include, but is not limited to the erection of temporary signage and barriers to limit foot traffic, professional trapping of nuisance wildlife, deploying wildlife deterrents, etc. Predation of plant material shall not relieve the Natural Areas Contractor from meeting the performance criteria, unless approved in writing by the Owner/Owner’s Representative.

4.07 WATERING

- A. Natural Areas Contractor shall supply the Owner/Owner’s Representative with a unit price to supply and apply water to all seeded and planted areas. Natural Areas Contractor shall also supply an estimate of coverage per unit to meet these specifications (i.e. 1 acre/hour).
- B. All seed types shall need ample moisture continuously to germinate and to develop into healthy seedlings. Normal rainfall shall be adequate moisture for germination and growth, however if drought conditions exist (typically less than .25” of water after two (2) weeks, or as indicated by the Drought Mitigation Center [drought.unl.edu/dm]) the Natural Areas Contractor may be directed by the Owner/Owner’s Representative to maintain consistent moisture during periods of drought at the hourly rates supplied, gradually reducing waterings, depending on the climate and rainfall. Watering operations shall be conducted overnight or in the morning hours ending no later than 10:00 a.m., and each area of shall receive water until there is a saturated soil condition. If planting operations are conducted in the fall, watering applications may need to be extended or delayed until spring. The Owner/Owner’s Representative may opt to conduct watering at a cost savings to the Owner.
- C. Herbaceous plants shall need ample moisture continuously to develop into vigorous mature plants. The Natural Areas Contractor shall be responsible for maintaining consistent moisture for a minimum of 8 weeks after planting and then gradually reduce watering, depending on the climate and rainfall. Watering operations shall be conducted overnight or in the morning hours ending no later than 10:00 a.m., and each area shall receive water until there is a saturated soil condition. If planting operations are conducted in the fall, watering applications may need to be extended or delayed until spring. After the initial 6-8 week period, normal rainfall shall be adequate moisture for continued healthy growth. However if

NATURAL AREAS ESTABLISHMENT PROVISIONS

drought conditions exist (typically less than .25" of water after two (2) weeks, or as indicated by the Drought Mitigation Center [drought.unl.edu/dm]) the Natural Areas Contractor shall be responsible for maintaining consistent moisture for the remainder of the growing season or until drought conditions subside. The Owner/Owner's Representative may opt to conduct watering at a cost savings to the Owner.

- D. It is the Natural Areas Contractor's responsibility to monitor seeding and/or planting areas for signs of damage due to drought or dry soil conditions. If the Natural Areas Contractor believes a drought or dry soil condition exists that may impact the establishment of planted materials they must notify the Owner/Owner's Representative in writing immediately. Upon notification, the Owner/Owner's Representative shall work with the Natural Areas Contractor to evaluate the situation and, if necessary, devise and implement a watering plan. If the Natural Areas Contractor notifies the Owner/Owner's Representative after damage has occurred the Natural Areas Contractor shall re-plant the damaged area at no additional cost to the Owner.

4.08 CLEAN-UP

- A. During natural areas work, the Natural Areas Contractor shall store materials and equipment where directed by the Owner/Owner's Representative. Pavements shall be kept clean and work areas shall be kept in an orderly condition.
- B. The Natural Areas Contractor shall protect natural areas work and materials from damage due to landscape operations or operations by other trades and trespassers. Maintain protection during installation and maintenance periods. Treat, repair or replace damaged landscape work as directed by the Owner/Owner's Representative.
- C. Remove all debris from the site resulting from planting operations in accordance with site construction rules (e.g. LEED requirements) and/or local jurisdiction.

4.09 INTERIM STEWARDSHIP

- A. The Natural Areas Contractor shall conduct stewardship tasks as described herein until Substantial Completion, including mowing, herbicide applications and watering as necessary. Interim stewardship shall be a requirement of the contract regardless of the award of Alternate Bid #1.

PART 5 STEWARDSHIP

5.01 GENERAL

- A. Begin Natural areas management immediately upon Substantial Completion and continue for three (3) full growing seasons until Final Acceptance by the Owner/Owner's Representative. Management of installations that receive Substantial Completion prior to July 15th will be considered management of one full growing season. Installations receiving Substantial Completion after July 15th will require three (3) full growing seasons of management starting the year following installation.
- B. The Natural Areas Contractor shall keep a log of all restoration activities performed during contract period, installation through stewardship, and shall submit it to the Owner/Owner's Representative on a monthly basis.
- C. Chemicals used will have the lowest environmental impact for the task at hand. Organic or cultural practices will be used whenever practical.

5.02 NATURAL AREAS MOWING

- A. All mowing shall be conducted in accordance with all applicable codes and by personnel with appropriate training in safety and in the use of the machinery being utilized.
- B. REGULAR MOWING

NATURAL AREAS ESTABLISHMENT PROVISIONS

1. Regular mowing shall be conducted with a conventional rotary mower, sickle type mower, or a flail type mower, however in order to reduce thatch, at no time shall more than six (6) inches (height) of vegetation be cut in a pass.
 2. If mowing results in excessive thatch being produced after mowing, the Contractor shall rake, collect and dispose of excessive cut vegetation off-site at no additional cost to the Owner.
 3. If mowing results in “knock-down” rather than severed vegetation, the Contractor shall re-mow all areas at no additional cost to the Owner, ensuring that vegetation is severed.
 4. On slopes that are too steep to mow, around structures (trees, fencing, buildings, etc.), and in areas that are too wet to mow, mowing shall be conducted with the use of a hand-held gas powered brush cutter or walk-behind brush cutter (such as Brush Hog, etc.) only.
 5. Damage caused to landscape material or other structures shall be repaired/replaced by the Natural Areas Contractor at no additional cost to the Owner.
- C. SPOT MOWING
1. Spot mowing shall be conducted with the use of a hand-held gas powered brush cutter and/or walk-behind brush cutters (such as Brush Hog, etc.) targeting areas containing a mix of weed species and mature/flowering desirable native species. Spot mowing shall be utilized to eliminate the reproduction of non-native and non-desirable native species by not allowing the dispersal of seed from those targeted species.
 2. Species targeted for spot mowing shall include removal of plant reproductive parts (e.g. flower stalks, un-developed seed heads, etc.). Spot mowing of perennial species shall be conducted in concert with, or shall be followed up with herbicide applications.
 3. Spot-mown vegetative materials shall be left on-site in a manner that will not allow regeneration or seed set of the mown species.
 4. Damage caused to landscape material or other structures shall be repaired/replaced by the Natural Areas Contractor at no additional cost to the Owner.
- D. MOWING TIMING
1. Mowing is a key aspect in achieving positive results. Mowing must be conducted by the Natural Areas Contractor on a consistent basis and must respond to seasonal weather. Vegetation shall be high-mown as follows:
 - a. First Growing Season: Kept under twelve (12) inches. A minimum of five (5) mowings will be required.
 - b. Second Growing Season: Areas with high annual/biennial weed content shall be kept under twenty-four (24) inches. Areas with scattered annual/biennial weed content and high desirable native content shall be spot mown, ensuring that non-native/weedy species are not allowed to develop viable seed.
 - c. Third Growing Season & Beyond: Spot mow and observe, if non-native/weedy species are dominant mowing shall continue as needed at the Second Year rate.
 2. Mowing shall commence during late May/early June and subsequently two-four weeks apart or any time a large number of weed species begin to flower. Mowing shall be conducted prior to weed species developing viable seed.

NATURAL AREAS ESTABLISHMENT PROVISIONS

3. It is the Native Landscape Contractor's responsibility to monitor the site in order to determine when mowing is required. However, if the Owner/Owner's Representative determines at any time that the project site requires mowing they will notify the Contractor in writing. No later than three (3) business days following notification, the Native Landscape Contractor shall conduct the requested mowing. If Contractor fails to mow the area in the allotted time, the Owner/Owner's Representative may conduct the mowing as necessary and apply any associated fees as a deduct to the contract.

5.03 HERBICIDE APPLICATION

A. SPOT HERBICIDE APPLICATIONS

1. Small scattered populations or individual specimens of undesirable species shall be controlled with spot herbicide applications. Large scale colonization shall not be allowed. The following methods are appropriate:
 - a. Backpack Spray Treatments – Natural Areas Contractor shall utilize a 3-5 gallon backpack style sprayer, such as Solo, SP3, Field King or acceptable substitution.
 - b. Hand Wicking – In areas of high quality native vegetation where desirable species are directly adjacent to targeted plants, or where the growth habit of the target plant makes it impossible to avoid off-target damage, the appropriate herbicide shall be selectively hand wiped onto the target plant utilizing a sponge-wicking applicator or a saturated cloth glove.
2. Spot herbicide application areas will require supplemental seed and/or plants. Site preparation and planting after herbicide applications shall be as per the Native Herbaceous Planting section of this document.

5.04 BROADCAST HERBICIDE APPLICATIONS

- A. On larger sites where a broad-scale application is needed because large colonies of the target species have become established, broadcast applications by large tank-equipped spray-gun, all-terrain vehicle (ATV) or tractor may be utilized to treat undesirable species. The following methods are appropriate:
 1. Broad-Spectrum Herbicide Broadcast Application – This method utilizes a large tank-equipped spray-gun and/or an ATV or tractor equipped with a boom-sprayer to apply large amounts of glyphosate, which will result in complete kill of all vegetation.
 2. Selective Herbicide Broadcast Application – This method utilizes a large tank-equipped spray-gun and/or an ATV or tractor equipped with a boom-sprayer to apply large amounts of a selective herbicide, such as Clethodim, resulting in a complete kill of only those targeted species.
- B. A "large colony of target species" shall be defined as a target plant population whose aerial coverage is such that a broad-spectrum chemical can be broadcast without inflicting any damage to adjacent native vegetation.
- C. Broadcast herbicide application areas will require supplemental seed and/or plants. Site preparation and planting after herbicide applications shall be as per the Native Herbaceous Planting section of this document.

5.05 HERBICIDE APPLICATION TIMING

- A. Herbicide applications must be conducted by the Natural Areas Contractor on a consistent basis and must respond to seasonal weather and to the life-cycle of each target species. Non-native vegetation shall be herbicided as follows:
 1. A minimum of seven (7) herbicide applications will be required.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- B. As stated above, herbicide application timing must be flexible and respond to seasonal weather and to the life-cycle of each target species, however at a minimum the following schedule shall be followed for the first three (3) years:

Target Species	Approved Herbicide	Initial Herbicide Application	Follow-up Herbicide Application (if necessary)**
Wild Parsnip (Pastinaca sativa)	2, 4-D Anamine*	March 1st – May 31st	August 1st – October 31st
Reed Canary Grass (Phalaris arundinacea)	Sethoxydim*, Aquatic Glyphosate	April 1st – May 31st	October 1st – Dormancy/Frost
Teasel Species (Dipsacus spp.)	Triclopyr 3a*, Glyphosate	April 1st – May 31st	October 1st – Dormancy/Frost
Sweet Clover Species (Melilotus spp.)	2, 4-D*, Clopyralid	April 1st – May 31st	Use Clopyralid as needed throughout growing season
Cattail Species (Typha spp.)	Aquatic Imazapyr	July 1st – August 1st	August 1st – September 1st
Purple Loosestrife (Lythrum salicaria)	Triclopyr 3a*, Aquatic Glyphosate	May 15th – July 15th	July 15th – August 15th
Non-native Thistle Species (Carduus, Cirsium, & Onopordum spp.)	Clopyralid	May 15th – July 15th	July 15th – August 15th
Bird's Foot Trefoil (Lotus corniculatus)	Triclopyr 3a	May 15th – July 15th	July 15th – August 15th
Crown Vetch (Coronilla varia)	Triclopyr 3a	May 15th – July 15th	July 15th – August 15th
Common Reed (Phragmites australis)	Aquatic Imazapyr	August 1st – September 1st	September 1st – September 30th
Honeysuckle Species (Lonicera spp.)	Triclopyr 3a (Foliar Application)	May 15th – July 15th	July 15th – August 15th
	Glyphosate (Cut-Stump/Basal Bark Application)	November 15th – March 15th (During Dormancy)	Follow-up should be Foliar
Other Woody Species (includes Rhamnus spp.)	Triclopyr 3a (Foliar Application)	May 15th – July 15th	July 15th – August 15th
	Triclopyr 4e (Cut-Stump/Basal Bark Application)	November 15th – March 15th (During Dormancy)	Follow-up should be Foliar

*Herbicide preferred when selectivity is needed and hydrology is appropriate.

**Do not allow species to produce and/or disperse viable seed in between treatment times.

5.06 HAND WEEDING

NATURAL AREAS ESTABLISHMENT PROVISIONS

- A. In the event that herbicide applications cannot, or should not, be performed due to social, cultural, environmental, or other verified reasons, target weed species shall be removed by hand.
- B. Species targeted for complete hand weeding shall include removal of all plant parts from the soil, including the above ground growth and all roots or rhizomes present in the ground.
- C. Species targeted for partial hand weeding shall include removal of plant reproductive parts (e.g. seed heads). Partial hand weeding shall be conducted in concert with, or shall be followed up with herbicide applications.
- D. Removed vegetative materials shall be discarded off-site or left on-site in a manner that will not allow regeneration or seed set of the removed species. Transportation of removed vegetative materials shall meet Department of Agriculture standards/requirements. Hand weeding shall never result in excessive soil disturbance. Due to the public nature of this site the Owner/Owner's Representative reserves the right to direct the Contractor to collect and discard all hand-pulled vegetation.

5.07 TREATMENT OF WOODY SPECIES

- A. The Natural Areas Contractor shall conduct woody species herbicide treatments to all re-sprouts, re-growth, or other remaining live plants of all non-native or aggressive native woody species throughout stewardship operations until performance criteria have been achieved. (See Appendix-A).
- B. Woody species treatment methods during the growing season may be a foliar application using an appropriate herbicide, such as Garlon 3A. Damage to surrounding vegetation due to re-sprout treatments shall be repaired by the Natural Areas Contractor.
- C. Woody species herbicide treatments during the dormant season may be applied with cut-stem and/or basal bark application using an appropriate herbicide, such as Garlon 4E. Damage to surrounding vegetation due to re-sprout treatments shall be repaired by the Natural Areas Contractor.
 - 1. Hand Cutting/Cut-Stump Treatment: Chain saws, brush clearing saws, handsaws and loppers may be used. Upon written approval by the Owner/Owner's Representative, small walk behind mower-type brush cutters may be utilized provided that their use does not result in rutting or pitting of the soil while in operation.
 - a. Cut woody target species shall be treated with an herbicide mixture. After cutting down the target species apply herbicide, such as Garlon 4E in a 20-30% (or as stated on the product label) solution in basal oil, to the stump. Lonicera spp. shall be treated with RoundUp in a 25-50% solution, to the stump. Treat the cut area around the edge with herbicide so the cambium layer will take up the active ingredient. Herbicide shall be applied immediately after cutting.
 - 2. Basal Bark: Involves herbicide application directly to the trunk of the woody target species that are one inch or less at the base. Apply herbicide directly to the tree trunk, around the entire circumference, at 6" above the soil until thoroughly wet near the ground plane, but not to the point of runoff. Apply during dormancy, except when snow or water prevents spraying to the ground plane. Optimal results are achieved when applications are made to young stems which have not developed the thicker bark characteristic of slower growing older trees.
- D. Wherever possible herbicide applications shall be accomplished by utilizing wick or sponge-type applicators.

NATURAL AREAS ESTABLISHMENT PROVISIONS

- E. Disposal of cuttings and other materials shall be completed simultaneously with the initial woody species herbicide treatment(s).
- F. All cuttings longer than two (2) feet in length and/or larger than one (1) inch in diameter shall be removed from the project site. Smaller cuttings and cutting debris that has been shredded or chipped by the use of hand-held mechanical equipment may be left on site to decompose or be consumed by prescribed fire (if applicable). Cuttings and cutting debris shall not be allowed to accumulate to a depth that will smother existing desirable native species, prevent existing desirable native species from emerging or prevent good seed-to-soil contact in newly seeded areas (approximately one-half inch (1/2”) maximum depth).

5.08 OVERSEEDING AND RE-PLANTING

- A. Overseeding or re-planting in areas of herbicide application and/or in under-performing areas will be necessary for compliance with the performance section of this document at no additional cost to the Owner.
- B. See Native Herbaceous Planting section. Site preparation and planting after herbicide applications shall be as per the Native Herbaceous Planting section of this document.

5.09 STEWARDSHIP SCHEDULE

- A. The recommended stewardship schedule is summarized in the table below. The table indicates what activities are likely to be necessary in a given month; the table is not meant to require that the activity must be conducted. Actual stewardship scheduling will be site driven.
- B. As stated above, a stewardship plan must be flexible, however at a minimum the following schedule* shall be followed for the first three (3) years**:

Month	Visits by Crew	Herbicide	Brush Clearing	Mow	Collect & Disperse	Burn Prep	Burn**
April	0-1	X	X			X	X
May	1-2	X	X	X	X	X	X
June	1-2	X		X	X		
July	1-2	X		X			
August	1-2	X		X			
September	0-1	X		X			
October	1-2	X	X	X	X	X	
November	0-1	X	X		X	X	X
December - March	0-1	X	X		X	X	X

*This schedule should be considered a guideline and may be varied from to react to current site Conditions.

**In newly planted natural areas, the execution of a prescribed fire may not be possible until the second or third growing season.

PART 6 PRESCRIBED FIRE

6.01 PRIORITIES

- A. To restore fire to its natural role and to reduce hazardous fuels through the application of prescribed fire. The Owner/Owner’s Representative and Natural Areas Contractor shall strategically focus activities by placing priority on:
- B. Areas where actions will mitigate threats to the safety of employees and the public (SAFETY FIRST!).

NATURAL AREAS ESTABLISHMENT PROVISIONS

- C. Areas where actions will protect, enhance, restore and/or maintain plant and animal communities that are critical for endangered, threatened, or sensitive plant and animal species.
- D. Areas where actions will suppress invasive species and recycle valuable nutrients into the native soil matrix.
- E. Areas that will reduce the risks of wildfire. This includes the reintroduction of fire into fire-dependent ecosystems to maintain and enhance those ecosystems and the modification of vegetation to achieve specific land management objectives.

6.02 GUIDING PRINCIPALS

- A. The following guiding principles are fundamental to the success of the Owner/Owner's Representative's Prescribed Fire and Fuels Management Program.
- B. Fire crew and public safety is the first priority in every prescribed fire and fuels management activity.
- C. Only qualified and experienced personnel using safe working standards and guidelines will participate in the implementation of prescribed fire and fuels management projects.
- D. Whenever possible, the role of prescribed fire as an essential ecological process and natural change agent will be incorporated into the land use planning process and the fire management program.
- E. Develop an education plan and an education strategy with internal and external audiences to increase awareness of, and the need for, prescribed fire and other fuels management.
- F. Encourage research, monitoring and program development to advance the understanding of fire science.

6.03 PERSONNEL/TRAINING

- A. It is required that the National Wildfire Coordinating Group (NWCG) standards be followed for this prescribed fire.
- B. It is required to have highly trained and experienced employees working on a prescribed fire. The Natural Areas Contractor must meet the requirements under the "Contractor Qualifications" section of this document; documentation of fully trained and experienced personnel shall be submitted to the Owner/Owner's Representative at the time of bidding.
- C. Refresher courses for NWCG levels are required annually. To maintain certification individuals need to have completed the s130/s190 courses (once), pass at least a moderate level pack test (carry forty-five pounds [45 lbs.] three [3] miles in forty-five [45] minutes), and attend a yearly one-day refresher course; documentation that certification maintenance training for all proposed burn crew members has been completed shall be submitted to the Owner/Owner's Representative at the time of bidding. Refresher courses for other NWCG positions vary.

6.04 EQUIPMENT

- A. The Natural Areas Contractor shall have in their possession at the time of bidding the following equipment:
 1. Two Type 6 Engines
 2. Two Type 7, 6 Wheel Drive ATV Engines
 3. One 500 Gallon Water Tender
 4. One Fire Pump capable of delivering sufficient water pressure at 1000 feet to suppress an escaped fire
 5. 1000 feet of collapsible 1" fire hose with nozzles
 6. Two-way radios for all personnel involved in the fire, whether on the line or not

NATURAL AREAS ESTABLISHMENT PROVISIONS

7. All necessary personal protective equipment for all personnel to meet NWCG guidelines

6.05 INSURANCE

- A. "A" insurance rating with coverage for at least \$5,000,000.00 (five million) dollars of general liability insurance and excess general liability for "Prescribed Fire Operations" with a minimum \$2,000,000.00 (two million) per occurrence limit.
- B. The Natural Areas Contractor shall provide the Owner/Owner's Representative with a certificate of insurance and name them as additional insured.
- C. The Natural Areas Contractor shall list prescribed fire on the certificate as the activity covered.

6.06 PERSONAL PROTECTIVE EQUIPMENT (PPE)

- A. It is required that all fire personnel wear/carry the following:
 1. Nomex clothing (shirt and pants)
 2. Nomex face and neck protection
 3. 8" high top leather boots with 1" logging heels
 4. Leather gloves
 5. Fire rated hardhat
 6. Faceshield
 7. Safety glasses
 8. Cigarette lighter or matches
 9. Compass
 10. Pre-tested, fully charged two-way radio with radio harness
 11. Canteen (2 each) filled with water
 12. Food, such as granola bars or other snacks
 13. Burn unit map
 14. All underclothing of natural fiber – The danger of wearing polyester or other synthetic materials should be emphasized with anyone attending a burn.
- B. For prescribed fires where the Safety Zone cannot be reached in 15 seconds, all personnel shall carry a fire shelter (for protection from flames and superheated gasses in the event of entrapment) and fussees (as a means to light a separate fire in order to burn out a safety zone ahead of the threatening fire front). A fussee shall not be considered an alternative to a fire shelter.
- C. In addition to the equipment listed above, a fully stocked first aid kit shall be readily available to all burn crew members.
- D. In addition to the equipment listed above, Burn Bosses shall carry a fully charged, fully operational cellular phone.
- E. In addition to the equipment listed above, Crew Bosses (or their qualified designee on the crew) shall carry a fully functional weather kit.

6.07 ROADSIDE VISIBILITY MATERIALS

- A. Roadside visibility materials are essential if the fire is near a roadway. Natural Areas Contractor shall provide and install temporary warning signage along all roadways bordering the burn unit. Warning signage shall be visible by road traffic and shall display the Natural Areas Contractor's contact information. All signage on public roadways shall conform to all applicable local and Illinois DOT signage specifications.
- B. All fire personnel participating in a prescribed fire within close proximity of a roadway shall wear appropriate reflective work vests.

6.08 FIRELINE TOOLS

NATURAL AREAS ESTABLISHMENT PROVISIONS

- A. Every fire crew member shall have one hand tool in their possession at all times while on or near the fire line. The tools needed for a safe prescribed fire will vary with each fire and should be specified in the burn plan. Recommended tools:
1. Drip Torch
 2. Flappers
 3. Pulaski
 4. McLeod
 5. Leaf Rakes
 6. Fire Rakes
 7. Backpack pumps

6.09 BURN PLAN

- A. The Natural Areas Contractor shall complete and submit a burn plan for approval by the Owner/Owner's Representative and local officials prior to burning. It is required that burn plans are written/reviewed and approved by the burn boss.
- B. The burn plan shall be prepared in accordance with the Illinois Prescribed Burning Act (525 ILCS 37).

6.10 EXECUTION

- A. The prescribed fire shall be executed in accordance with the burn plan.
- B. The prescribed fire shall achieve the goals as stated in the burn plan.
- C. The Natural Areas Contractor shall mop up all burning material to 100% black after the main fire has passed. There shall be no burning materials when the Natural Areas Contractor leaves the site.
- D. The Natural Areas Contractor shall be available to return to the site within 2 hours following mop up operations to extinguish burning materials. The person selected to return to the site must have access to all crew members in the event that they must be re-deployed to the project site.

PART 7 NATURAL AREAS MONITORING AND REPORTING (BY OTHERS)

7.01 MONITORING

- A. Biannual monitoring shall occur in the time periods of May/June & September/October and shall be conducted until final acceptance. Monitoring activities shall be conducted annually thereafter under separate Contract. Owner/Owner's Representative reserves the right to review and select monitoring contractors based upon the best interest of the project and the Owner.
- B. Baseline Data
1. Baseline data for established sites or remnant areas will include a meander survey prior to restoration or stewardship activities.
 2. For newly planted areas without existing baseline data a meander survey shall be conducted during the first growing season as described herein. The resulting data collected shall be considered as baseline.
- C. Meander Survey
1. The initial post-planting meander survey shall begin at the end of the first full growing season after planting. For instance, if the planting is installed in April, monitoring shall begin in September or October of that same year. If the planting is installed in October, monitoring shall begin in September or October of the following year.

NATURAL AREAS ESTABLISHMENT PROVISIONS

2. Meander each plant community so that at least twenty percent (20%) of the planted area is included in the survey. The Owner/Owner's Representative may require separate meander surveys for each planting area at no additional cost to the Owner.
 3. Record every species that is observed, including native, non-native, woody, herbaceous, etc.
 4. Make qualitative observations such as species composition and distribution, herbivory, presence of weedy species, erosion problems, etc.
- D. Live Plant Material Assessment
1. Herbaceous perennial plant material shall be inspected to ensure that it will meet the performance criteria.
 - a. At least twenty-five percent (25%) of each planted area of live perennials shall be evaluated to estimate the percent survival of the installed plants.
- E. Data Entry
1. Data collected from the Meander Survey shall be entered into the Floristic Quality Assessment (FQA) computer program (Masters 1996) or equivalent and shall utilize the most current and relevant database available.
- F. Photographic Documentation
1. Representative photographs of the stewardship area(s) shall be collected to document site conditions and progress. Photographs shall be collected using the following methods:
 - a. General
 - 1) Photos shall be taken in the same manner during each visit. Photos shall be in digital format at the highest megapixel setting (minimum 7 megapixel) setting that the camera will allow. The photos shall be taken at eye level at the widest angle a standard point-and-shoot camera will allow.
 - 2) Photos shall be legible. Whenever possible, photos shall be taken so that the photographer is not facing directly into the sun.
 - b. Permanent Photo Points
 - 1) Photo points shall be physically field marked in a permanent manner on the ground, either through the use of T-Posts or Rebar. Each photo point shall be recorded using a GPS device. Photo points shall be sufficiently marked so they can be easily found in the field with or without the use of a GPS device.
 - 2) A minimum of three photo points shall be set up per acre, per planting zone, or as directed by the Owner/Owner's Representative.
 - 3) Photos shall be taken with the photographer's back against the post in each of the four cardinal directions: North, South, East, and West.

7.02 REPORTING

- A. Annual Monitoring Reports shall be submitted to the Owner and Owner's Representative in duplicate by February 15th, or by the date required by the permitting agency.
- B. At a minimum, Annual Monitoring Reports shall include the following information:
 1. Introduction
 2. Site history leading up to the current project.
 3. Site description, including a street address (if applicable), County, Section, Township, and Range.
 4. A site location map.

NATURAL AREAS ESTABLISHMENT PROVISIONS

5. Permit numbers & Department/County of issue (if applicable).
6. Methods
7. Summarize the methods used for monitoring, include the survey dates.
8. Results
9. Floristic Quality Assessment Data for the Baseline Survey.
10. Floristic Quality Assessment Data for the Meander Survey:
 - a. Native Mean Coefficient of Conservatism Value (C).
 - b. Native Floristic Quality Index (FQI).
 - c. Native Wetness Coefficient (W).
 - d. A comparison table that lists previous years' data with current year's data.
11. Live Plant Material:
 - a. Report on the condition of any native herbaceous live plant material installation areas. Document survivability.
12. Discussion
 - a. Discuss in detail the work performed as part of on-going stewardship during the previous calendar year.
 - b. Compare the current year's data with data from the previous year(s).
 - c. Compare current year's results against the performance criteria.
 - d. Describe any deficiencies in the current year's stewardship activities that are hindering the sites ability to meet the performance criteria and propose detailed corrective actions.
 - e. Discuss in detail the stewardship activities that will occur in the upcoming year.
13. Appendices
 - a. Species lists for installation and/or enhancement seeding/planting.
 - b. Site Photographs.
 - c. Floristic Quality Assessment data tables.
 - d. Original planting plan and species lists
 - e. Site plan that graphically delineates deficiencies and locates any recommended remediation items.

PART 8 NATURAL AREAS PERFORMANCE

8.01 MINIMUM PERFORMANCE CRITERIA – NATIVE HERBACEOUS PLANTING

- A. General:
 1. Final determinations of species dominance, richness, coverage and/or distribution are subject to verification by Owner/Owner's Representative.
 2. Final determinations of plant vigor are subject to verification by Owner/Owner's Representative.
- B. Throughout stewardship activities:
 1. Zero (0) aggressive native species, non-native species, nor invasive species shall be allowed to become established on the site and/or be allowed to colonize.
 2. With the exception of planted cover crops, none of the top five (5) dominant species within any planting area shall be aggressive native, non-native or invasive species (See Appendix A). Dominance shall be determined by ocular assessment using meander methodology.
- C. Within three (3) months of seed installation or by June 1st of the following year if seed installation is completed in the fall:

NATURAL AREAS ESTABLISHMENT PROVISIONS

1. Total vegetative aerial cover in all areas seeded with cover crop shall be greater to or equal than seventy-five percent (75%) as measured using meander methodology.
- D. By the end of the first (1st) growing season, in addition to fulfilling the above:
1. Native Seed Planting Areas:
 - a. Total vegetative aerial cover in all Native Seed areas shall be greater to or equal to ninety percent (90%) as measured using meander methodology.
 - b. Twenty-five percent (25%) of the Native Seed species installed within each plant community shall be alive and apparent. This standard does not apply to emergent communities.
 2. Native Herbaceous Planting Areas:
 - a. No less than ninety percent (90%) of any native herbaceous plant material installed shall be alive and in vigorous condition, this standard shall apply to each planting area where native herbaceous plants are installed. If less than ninety percent (90%) of any native herbaceous plant material installed survive the first full growing season, the plants shall be replaced so that the ninety percent (90%) criteria is achieved within each applicable planting area.
- E. By the end of the second (2nd) growing season, in addition to fulfilling the above:
1. Native Seed Planting Areas:
 - a. Fifty percent (50%) of the Native Seed species installed within each plant community shall be alive and apparent. This standard does not apply to emergent or streamside communities.
 - b. Native vegetative aerial cover within Native Seed planting areas shall be at least forty percent (40%) as measured using meander methodology.
 2. Native Herbaceous Planting Areas:
 - a. Eighty percent (80%) of the native herbaceous plant species installed within each plant community shall be alive and apparent.
 - b. Native vegetative aerial cover within native herbaceous planting areas shall be at least twenty-five percent (25%) as measured using meander methodology.
- F. By the end of the third (3rd) growing season, in addition to fulfilling the above:
1. General:
 - a. Based on the results of the meander survey, the Native Mean C-Value and the Native FQI shall increase each successive year after planting.
 - b. There shall be no area(s) greater than 0.25 m² that is devoid of vegetation. This standard does not apply to emergent, deep emergent, floating aquatic or streamside communities.
 - c. There shall be no rills, gullies or other evidence of significant or on-going erosion or areas of high erosion potential present throughout the project area.
 2. Native vegetative aerial cover within Native Seed planting areas shall be at least eighty-five percent (85%) as measured using meander methodology.
 3. Native vegetative aerial cover within shoreline plant communities shall be at least sixty percent (60%) as measured using meander methodology.
 4. To ensure species richness at the local level, any given square meter (1.0 m²) within Native Seed planting areas shall contain a minimum of three (3) different acceptable species and shall include at least one (1) species seeded as specified.

NATURAL AREAS ESTABLISHMENT PROVISIONS

5. The following standards shall be achieved for each plant community:
 - a. Transitional Buffer – N/A
 - b. Shade – N/A
 - c. Low Profile Prairie
 - 1) Total FQI – 21.0
 - 2) Total Mean C Value – 2.6
 - 3) Native FQI – 28.0
 - 4) Native Mean C Value – 3.5
 - d. Dry Bottom Detention
 - 1) Total FQI – 20.0
 - 2) Total Mean C Value – 2.1
 - 3) Native FQI – 25.0
 - 4) Native Mean C Value – 3.3
 - e. Wet Prairie
 - 1) Total FQI – 18.0
 - 2) Total Mean C Value – 2.2
 - 3) Native FQI – 23.0
 - 4) Native Mean C Value – 3.5
 - f. Shoreline
 - 1) Total FQI – 19.0
 - 2) Total Mean C Value – 2.2
 - 3) Native FQI – 25.0
 - 4) Native Mean C Value – 3.7

8.02 REMEDIATION – If native planting areas fail to meet the terms of the performance criteria described above, the Natural Areas Contractor shall develop and submit to the Owner/Owner’s Representative, a remedial action plan that takes into consideration the site goals and specific deficiencies causing the remedial action. The Natural Areas Contractor will implement the approved remedial action plan at no additional cost to the Owner and submit a report that describes the remedial action taken. If remedial seeding or planting is required, the Natural Areas Contractor will not be required to perform additional remedial seeding or planting in the same area for a minimum of one growing season. After one full growing season following the remedial planting, the performance criteria must be met or additional remedial action must be taken at no additional cost to the Owner. Final acceptance shall not be granted until all planting areas meet performance criteria and/or meet the stated intent of the project to the satisfaction of the Owner/Owner’s Representative.

8.03 ACCEPTANCE – NATIVE HERBACEOUS PLANTING

- A. Five (5) days prior to the anticipated date of inspection, submit written notice requesting inspection to Owner/Owner’s Representative.
- B. Substantial Acceptance:
 1. Field inspections will be conducted by the Owner/Owner’s Representative 7-14 days after receiving written request for Substantial Completion inspection from the Contractor.
 2. The work shall be considered substantially complete after all landscape features, seed, plugs, goose enclosure and erosion control structures have been installed (excludes tree, shrub and vine planting); completion of Substantial Completion Punch-list items; and cover crop germination has begun to the satisfaction of the Owner/Owner’s Representative.
- C. Final Acceptance:

NATURAL AREAS ESTABLISHMENT PROVISIONS

1. Field inspections will be conducted by the Owner/Owner's Representative at the end of the first full growing season or 7-14 days after receiving written request for Final Acceptance inspection from the Contractor, but no later than October 1st.
2. The work shall be considered 100% complete after goose exclosure fencing has been removed and the third (3rd) growing season performance criteria have been satisfied.
3. Final Acceptance criteria shall only apply to this contract if Alternate #1 (Natural Areas Stewardship) is awarded to the Natural Areas Contractor. If Alternate #1 is not awarded, Substantial Acceptance shall constitute Final Acceptance.

END OF NATURAL AREAS ESTABLISHMENT PROVISIONS

NATURAL AREAS ESTABLISHMENT PROVISIONS

INVASIVE SPECIES LIST

APPENDIX - A

NATURAL AREAS ESTABLISHMENT PROVISIONS

It is the responsibility of the Natural Areas Contractor to locate, identify, and eradicate any species that may endanger the successful establishment and long-term health of the specified native plant communities within the project area/site. Following is a list of common invasive, weedy and aggressive native species typically encountered during ecological restoration efforts that can inhibit the successful establishment of desirable native species. This list is not representative of the site and should not be considered an inventory. The listed species shall at no time be allowed to dominate any portion of the project site.

Aggressive Weed/Invasive Species List:

Acer negundo	BOXELDER ³
Acer platanoides	NORWAY MAPLE
Achillea spp.	YARROW ³
Aegopodium podagraria	GOUTWEED
Agrostis gigantea	REDTOP
Agrostis stolonifera	CREEPING BENTGRASS ³
Ailanthus altissima	TREE OF HEAVEN
Alliaria petiolata	GARLIC MUSTARD
Alnus glutinosa	EUROPEAN BLACK ALDER
Ambrosia artemisiifolia	COMMON RAGWEED ^{1,3}
Ambrosia trifida	GIANT RAGWEED ^{1,3}
Anthriscus sylvestris	WILD CHERVIL
Arctium minus	COMMON BURDOCK
Berberis thunbergii	JAPANESE BARBERRY
Brassica nigra	BLACK MUSTARD ²
Bromus inermis	SMOOTH BROME
Bromus tectorum	DOWNY BROME
Butomus umbellatus	FLOWERING RUSH
Cannabis sativa	MARIJUANA ¹
Carduus nutans	MUSK THISTLE ¹
Celastrus orbiculatus	ASIAN BITTERSWEET ¹
Centaurea maculosa	SPOTTED KNAPWEED
Chenopodium album	LAMB'S QUARTERS ²
Cirsium arvense	CANADA THISTLE ¹
Cirsium vulgare	BULL THISTLE
Conium maculatum	POISON HEMLOCK ¹
Cornus racemosa	GRAY DOGWOOD ³
Cynanchum louiseae	BLACK SWALLOW-WORT
Cynanchum rossicum	PALE SWALLOW-WORT
Cyperus esculentus	YELLOW NUTSEDGE ³
Dactylis glomerata	ORCHARDGRASS
Daucus carota	QUEEN ANNE'S LACE ²
Dioscorea oppositifolia	CHINESE YAM
Dipsacus spp.	TEASEL ¹
Echinochloa crus-galli	BARNYARD GRASS
Egeria densa	BRAZILIAN WATERWEED
Eichhornia crassipes	WATER HYACINTH
Elaeagnus angustifolia	RUSSIAN OLIVE ¹
Elaeagnus pungens	THORNY OLIVE ¹
Elaeagnus umbellata	AUTUMN OLIVE ¹

NATURAL AREAS ESTABLISHMENT PROVISIONS

<i>Elymus repens</i>	QUACKGRASS
<i>Erigeron canadensis</i>	MARE'S TAIL ³
<i>Erigeron annuus</i>	ANNUAL FLEABANE ³
<i>Erigeron strigosus</i>	DAISY FLEABANE ³
<i>Euonymus alatus</i>	BURNING BUSH
<i>Euonymus fortunei</i>	WINTERCREEPER
<i>Euphorbia esula</i>	LEAFY SPURGE
<i>Fallopia japonica</i>	JAPANESE KNOTWEED ¹
<i>Fallopia sachalinensis</i>	GIANT KNOTWEED ¹
<i>Fallopia × bohemica</i>	BOHEMIAN KNOTWEED ¹
<i>Frangula alnus</i>	GLOSSY BUCKTHORN
<i>Hedera helix</i>	ENGLISH IVY
<i>Hemerocallis fulva</i>	ORANGE DAYLILY
<i>Heracleum mantegazzianum</i>	GIANT HOGWEED ¹
<i>Hesperis matronalis</i>	DAMES ROCKET
<i>Humulus japonicus</i>	JAPANESE HOPS
<i>Hydrilla verticillata</i>	HYDRILLA
<i>Hydrocharis morsus-ranae</i>	EUROPEAN FROGBIT
<i>Hypericum perforatum</i>	COMMON ST. JOHN'S WORT
<i>Ipomoea purpurea</i>	MORNING GLORY ²
<i>Iris pseudacorus</i>	YELLOW IRIS
<i>Lespedeza cuneata</i>	SERICEA LESPEDEZA
<i>Ligustrum</i> spp. (non-native)	PRIVET (non-native)
<i>Lolium multiflorum</i>	ANNUAL RYE/ITALIAN RYEGRASS
<i>Lonicera</i> spp.	HONEYSUCKLE (non-native) ¹
<i>Lotus corniculatus</i>	BIRDS FOOT TREFOIL
<i>Lysimachia nummularia</i>	MONEYWORT
<i>Lythrum salicaria</i>	PURPLE LOOSESTRIFE
<i>Marsilea quadrifolia</i>	EUROPEAN WATERCLOVER
<i>Medicago lupulina</i>	BLACK MEDIC
<i>Medicago sativa</i>	ALFALFA
<i>Melilotus albus</i>	WHITE SWEET CLOVER
<i>Melilotus officinalis</i>	YELLOW SWEET CLOVER
<i>Microstegium vimineum</i>	JAPANESE STILTGRASS
<i>Morus alba</i>	WHITE MULBERRY
<i>Myosotis sylvatica</i>	GARDEN FORGET-ME-NOT
<i>Myriophyllum aquaticum</i>	PARROT FEATHER
<i>Myriophyllum spicatum</i>	EURASIAN WATERMILFOIL
<i>Myosotis scorpioides</i>	WATER FORGET-ME-NOT
<i>Najas minor</i>	BRITTLE WATERNYMPH
<i>Nepeta cataria</i>	CATNIP
<i>Nymphoides peltata</i>	YELLOW FLOATING HEART
<i>Oenothera biennis</i>	EVENING PRIMROSE ³
<i>Onopordum acanthium</i>	SCOTCH THISTLE
<i>Pastinaca sativa</i>	WILD PARSNIP
<i>Phalaris arundinacea</i>	REED CANARY GRASS
<i>Phragmites australis</i> (non-native)	COMMON REED (non-native)

NATURAL AREAS ESTABLISHMENT PROVISIONS

<i>Pistia stratiotes</i>	WATER LETTUCE
<i>Poa pratensis</i>	KENTUCKY BLUEGRASS
<i>Populus alba</i>	WHITE POPLAR
<i>Populus deltoides</i>	COTTONWOOD ³
<i>Potamogeton crispus</i>	CURLY-LEAF PONDWEED
<i>Pueraria montana</i> var. <i>lobata</i>	KUDZU ¹
<i>Ranunculus ficaria</i>	LESSER CELANDINE ¹
<i>Rhamnus cathartica</i>	COMMON BUCKTHORN
<i>Robinia pseudoacacia</i>	BLACK LOCUST
<i>Rorippa nasturtium</i>	WATERCRESS
<i>Rumex acetosella</i>	SHEEP SORREL
<i>Rumex crispus</i>	CURLY DOCK
<i>Rosa multiflora</i>	MULTIFLORA ROSE
<i>Rubus</i> spp.	RASPBERRY/BLACKBERRY ³
<i>Salix interior</i>	SANDBAR WILLOW ³
<i>Saponaria officinalis</i>	BOUNCING BET
<i>Schedonorus arundinaceus</i>	TALL FESCUE
<i>Securigaria varia</i>	CROWN VETCH
<i>Setaria</i> spp.	FOXTAIL/MILLET ²
<i>Silene latifolia</i> var. <i>alba</i>	BLADDER CAMPION
<i>Solidago altissima</i>	TALL GOLDENROD ³
<i>Solidago canadensis</i>	CANADA GOLDENROD ³
<i>Solidago sempervirens</i>	SEASIDE GOLDENROD
<i>Sonchus arvensis</i>	PERENNIAL SOWTHISTLE ¹
<i>Sorghum almum</i>	COLUMBUS GRASS ¹
<i>Sorghum halepense</i>	JOHNSONGRASS ¹
<i>Symphyotrichum lateriflorum</i>	SIDE FLOWERING ASTER ³
<i>Symphyotrichum pilosum</i>	HAIRY ASTER ³
<i>Tamarix</i> spp.	SALT CEDAR ¹
<i>Tanacetum vulgare</i>	COMMON TANSY
<i>Taraxacum officinalis</i>	COMMON DANDELION ²
<i>Thlaspi arvense</i>	FIELD PENNYCRESS ²
<i>Torilis japonica</i>	JAPANESE HEDGE PARSLEY
<i>Toxicodendron radicans</i>	POISON IVY ³
<i>Trifolium pratense</i>	RED CLOVER ²
<i>Trifolium repens</i>	WHITE CLOVER ²
<i>Typha angustifolia</i>	NARROWLEAF CATTAIL ³
<i>Typha latifolia</i>	COMMON CATTAIL ³
<i>Ulmus pumila</i>	SIBERIAN ELM
<i>Verbascum blattaria</i>	MOTH MULLEIN ²
<i>Verbascum thapsus</i>	COMMON MULLEIN ²
<i>Vinca minor</i>	PERIWINKLE
<i>Xanthium strumarium</i>	ROUGH COCKLEBUR

¹Species classified as a Noxious Weed in the State of Illinois as of the date of this document²Species considered common weeds requiring control, not specifically considered invasive

NATURAL AREAS ESTABLISHMENT PROVISIONS

³Species considered native (or questionably native) in the State of Illinois, but often has an aggressive growth behavior that may require control on a case-by-case basis

END OF EXHIBIT A

NATURAL AREAS ESTABLISHMENT PROVISIONS

APPROVED NATIVE SPECIES LISTS

APPENDIX - B

NATURAL AREAS ESTABLISHMENT PROVISIONS

Transitional Buffer Seed Mix (Dry-Mesic Soils)									
MIX STATISTICS									
Number of Native Species in Mix									2
Native FQI									2.8
Native Mean C Value									4.0
Native Mean W Value									5.0
Lbs/Acre of Native Seed									65.0
Seeds per Square Foot									138.8
Acres to be Planted									0.37
Grasses, Sedges, & Rushes									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
BOUCUR	<i>Bouteloua curtipendula</i>	Side-oats Grama	6,000	960.00	60.00	92.31%	95.24%	N/A	
BOUDAB	<i>Bouteloua dactyloides</i> 'BOWIE'	Bowie Buffalo Grass	3,600	80.00	5.00	7.69%	4.76%	N/A	
			Grass/Sedge Subtotals		65.000	100.00%	100.00%		
			Mix TOTALS		65.000	100.00%	100.00%		

NATURAL AREAS ESTABLISHMENT PROVISIONS

Low Profile Prairie Seed Mix (Dry-Mesic Soils)									
MIX STATISTICS									
Number of Native Species in Mix	38								
Native FQI	35.0								
Native Mean C Value	5.7								
Native Mean W Value	2.5								
Lbs/Acre of Native Seed	24.4								
Seeds per Square Foot	162.5								
Acres to be Planted	1.15								
Grasses, Sedges, & Rushes									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
BOUCUR	<i>Bouteloua curtipendula</i>	Side-oats Grama	6,000	128.00	8.00	32.80%	10.85%	N/A	
CXBICK	<i>Carex bicknellii</i>	Copper-shouldered Oval Sedge	17,000	6.00	0.38	1.54%	1.44%	CM-60	
CXBREV	<i>Carex brevior</i>	Plains Oval Sedge	29,000	4.00	0.25	1.02%	1.64%	CM-60	
CXMOLE	<i>Carex molesta</i>	Field Oval Sedge	25,000	2.00	0.13	0.51%	0.71%	CM-60	
ELYCAN	<i>Elymus canadensis</i>	Canada Wild Rye	5,200	32.00	2.00	8.20%	2.35%	N/A	
JUNDUD	<i>Juncus dudleyi</i>	Dudley's Rush	3,200,000	0.50	0.03	0.13%	22.60%	CM-60	
PANVIR	<i>Panicum virgatum</i>	Switch Grass	14,000	8.00	0.50	2.05%	1.58%	N/A	
SCHSCO	<i>Schizachyrium scoparium</i>	Little Bluestem	15,000	48.00	3.00	12.30%	10.17%	N/A	
			Grass/Sedge Subtotals	14.281		58.55%	51.34%		
Wildflowers									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
ALLCER	<i>Allium cernuum</i>	Nodding Onion	7,600	3.00	0.19	0.77%	0.32%	CM-60	
AMOCAN	<i>Amarpha canescens</i>	Lead Plant	16,000	2.00	0.13	0.51%	0.45%	CM-10, H, I, J	
ASCTUB	<i>Asclepias tuberosa</i>	Butterfly Weed	4,300	16.00	1.00	4.10%	0.97%	CM-30	
BAPALB	<i>Baptisia alba</i>	White Wild Indigo	1,700	2.50	0.16	0.64%	0.06%	CM-10, H, I	
CHAFAS	<i>Chamaecrista fasciculata</i>	Partridge Pea	2,700	16.00	1.00	4.10%	0.61%	CM-10, H, I	
CORLAN	<i>Coreopsis lanceolata</i>	Sand Coreopsis	20,000	6.00	0.38	1.54%	1.70%	CM-30	
CORPAL	<i>Coreopsis palmata</i>	Prairie Coreopsis	10,000	4.00	0.25	1.02%	0.57%	CM-60, M	
DALPUR	<i>Dalea purpurea</i>	Purple Prairie Clover	18,000	12.00	0.75	3.07%	3.05%	J, I	
ECHPAL	<i>Echinacea pallida</i>	Pale Purple Coneflower	5,200	16.00	1.00	4.10%	1.18%	CM-90 or M	
ERYYUC	<i>Eryngium yuccifolium</i>	Rattlesnake Master	7,500	4.00	0.25	1.02%	0.42%	CM-60	
EUPCOR	<i>Euphorbia corollata</i>	Flowering Spurge	8,000	4.00	0.25	1.02%	0.45%	CM-30	
HELHEL	<i>Heliopsis helianthoides</i>	Early Sunflower	6,300	6.00	0.38	1.54%	0.53%	CM-30	
LESCAP	<i>Lespedeza capitata</i>	Round-headed Bush Clover	8,000	4.00	0.25	1.02%	0.45%	CM-10, H, I, J	
LIAASP	<i>Liatris aspera</i>	Button Blazing Star	16,000	3.00	0.19	0.77%	0.68%	CM-60	
LIAPYC	<i>Liatris pycnostachya</i>	Prairie Blazing Star	11,000	4.00	0.25	1.02%	0.62%	CM-60	
MONFIS	<i>Monarda fistulosa</i>	Wild Bergamot	70,000	2.00	0.13	0.51%	1.98%	N/A	
PARINT	<i>Parthenium integrifolium</i>	Wild Quinine	7,000	8.00	0.50	2.05%	0.79%	CM-60	
PENDIG	<i>Penstemon digitalis</i>	Foxglove Beardtongue	130,000	2.00	0.13	0.51%	3.67%	CM-30, G	
PYCTEN	<i>Pycnanthemum tenuifolium</i>	Slender Mountain Mint	378,000	0.25	0.02	0.06%	1.33%	N/A	
RATPIN	<i>Ratibida pinnata</i>	Yellow Coneflower	30,000	4.00	0.25	1.02%	1.70%	CM-30	
RUDFUL	<i>Rudbeckia fulgida</i>	Orange Coneflower	31,000	4.00	0.25	1.02%	1.75%	CM-60	
RUDHIR	<i>Rudbeckia hirta</i>	Black-eyed Susan	92,000	8.00	0.50	2.05%	10.40%	CM-30	
SOLJUN	<i>Solidago juncea</i>	Early Goldenrod	290,000	1.50	0.09	0.38%	6.14%	CM-60	
SOLRIG	<i>Solidago rigida</i>	Stiff Goldenrod	41,000	1.00	0.06	0.26%	0.58%	CM-60	
SYMERI	<i>Symphotrichum ericoides</i>	Heath Aster	200,000	1.00	0.06	0.26%	2.83%	N/A	
SYMLAE	<i>Symphotrichum laeve</i>	Smooth Blue Aster	55,000	1.00	0.06	0.26%	0.78%	N/A	
SYMNOV	<i>Symphotrichum novae-angliae</i>	New England Aster	66,000	0.50	0.03	0.13%	0.47%	CM-60	
TRAOHI	<i>Tradescantia ohiensis</i>	Ohio Spiderwort	8,000	8.00	0.50	2.05%	0.90%	CM-120 or M, G	
VERSTR	<i>Verbena stricta</i>	Hoary Vervain	28,000	2.00	0.13	0.51%	0.79%	CM-60	
ZIZAUR	<i>Zizia aurea</i>	Golden Alexanders	11,000	16.00	1.00	4.10%	2.49%	CM-60 or M, G	
			Wildflower Subtotals	10.109		41.45%	48.66%		
			Mix TOTALS	24.391		100.00%	100.00%		

NATURAL AREAS ESTABLISHMENT PROVISIONS

Dry-Bottom Detention Basin Seed Mix (Mesic-Wet Soils at the Bottom of Basins or Swales)

MIX STATISTICS	
Number of Native Species in Mix	44
Native FQI	31.2
Native Mean C Value	4.7
Native Mean W Value	-1.1
Lbs/Acre of Native Seed	29.6
Seeds per Square Foot	327.3
Acres to be Planted	0.38

Grasses, Sedges, & Rushes									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
ANDGER	<i>Andropogon gerardii</i>	Big Bluestem	10,000	64.00	4.00	13.50%	4.49%	N/A	
CXBEBB	<i>Carex bebbii</i>	Bebb's Oval Sedge	34,000	2.00	0.13	0.42%	0.48%	CM-60	
CXBREV	<i>Carex brevior</i>	Plains Oval Sedge	29,000	4.00	0.25	0.84%	0.81%	CM-60	
CXCRIS	<i>Carex cristatella</i>	Crested Oval Sedge	58,000	1.00	0.06	0.21%	0.41%	CM-60	
CXHYST	<i>Carex hystericina</i>	Porcupine Sedge	30,000	2.00	0.13	0.42%	0.42%	CM-60	
CXMOLE	<i>Carex molesta</i>	Field Oval Sedge	25,000	3.00	0.19	0.63%	0.53%	CM-60	
CXSCOP	<i>Carex scoparia</i>	Lance-fruited Oval Sedge	84,000	1.00	0.06	0.21%	0.59%	CM-60	
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	100,000	8.00	0.50	1.69%	5.61%	CM-60	
ELEPAL	<i>Eleocharis palustris</i>	Great Spike Rush	51,000	6.00	0.38	1.27%	2.15%	CM-60	
ELYCAN	<i>Elymus canadensis</i>	Canada Wild Rye	5,200	32.00	2.00	6.75%	1.17%	N/A	
ELYVIR	<i>Elymus virginicus</i>	Virginia Wild Rye	4,200	48.00	3.00	10.13%	1.41%	N/A	
JUNDUD	<i>Juncus dudleyi</i>	Dudley's Rush	3,200,000	1.00	0.06	0.21%	22.44%	CM-60	
PANVIR	<i>Panicum virgatum</i>	Switch Grass	14,000	80.00	5.00	16.88%	7.86%	N/A	
SCHSCO	<i>Schizachyrium scoparium</i>	Little Bluestem	15,000	64.00	4.00	13.50%	6.73%	N/A	
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	460,000	1.00	0.06	0.21%	3.23%	CM-60 or M	
SCICYP	<i>Scirpus cyperinus</i>	Wool Grass	1,700,000	0.50	0.03	0.11%	5.96%	CM-60 or M	
SORNUT	<i>Sorghastrum nutans</i>	Indian Grass	12,000	16.00	1.00	3.38%	1.35%	N/A	
Grass/Sedge Subtotals					20.844	70.36%	65.63%		

Wildflowers									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
ALLCER	<i>Allium cernuum</i>	Nodding Onion	7,600	4.00	0.25	0.84%	0.21%	CM-60	
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	4,800	24.00	1.50	5.06%	0.81%	CM-30	
CHAFAS	<i>Chamaecrista fasciculata</i>	Partridge Pea	2,700	16.00	1.00	3.38%	0.30%	CM-10, H, I	
CORTRI	<i>Coreopsis tripteris</i>	Tall Coreopsis	14,000	6.00	0.38	1.27%	0.59%	CM-60	
DESCAA	<i>Desmodium canadense</i>	Showy Tick Trefoil	5,500	4.00	0.25	0.84%	0.15%	J, I	
ECHPUR	<i>Echinacea purpurea</i>	Purple Coneflower	6,600	8.00	0.50	1.69%	0.37%	N/A	
ERYYUC	<i>Eryngium yuccifolium</i>	Rattlesnake Master	7,500	12.00	0.75	2.53%	0.63%	CM-60	
EUPPER	<i>Eupatorium perfoliatum</i>	Boneset	160,000	0.50	0.03	0.11%	0.56%	CM-30	
EUTGRA	<i>Euthamia graminifolia</i>	Grass-leaved Goldenrod	350,000	1.00	0.06	0.21%	2.45%	CM-60	
EUTMAC	<i>Eutrachium maculatum</i>	Spotted Joe Pye Weed	95,000	2.00	0.13	0.42%	1.33%	CM-30	
HELAUT	<i>Helenium autumnale</i>	Sneezeweed	130,000	3.00	0.19	0.63%	2.74%	N/A	
LIASPI	<i>Liatris spicata</i>	Marsh Blazing Star	11,000	2.00	0.13	0.42%	0.15%	CM-60	
MONFIS	<i>Monarda fistulosa</i>	Wild Bergamot	70,000	4.00	0.25	0.84%	1.96%	N/A	
PENDIG	<i>Penstemon digitalis</i>	Foxglove Beardtongue	130,000	4.00	0.25	0.84%	3.65%	CM-30, G	
PHYVIR	<i>Physostegia virginiana</i>	Obedient Plant	11,000	2.00	0.13	0.42%	0.15%	CM-60	
PYCVIR	<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint	220,000	2.00	0.13	0.42%	3.09%	N/A	
RUDHIR	<i>Rudbeckia hirta</i>	Black-eyed Susan	92,000	8.00	0.50	1.69%	5.16%	CM-30	
RUDSUB	<i>Rudbeckia subtomentosa</i>	Sweet Black-eyed Susan	43,000	1.00	0.06	0.21%	0.30%	CM-30	
RUDTRI	<i>Rudbeckia triloba</i>	Brown-eyed Susan	34,000	3.00	0.19	0.63%	0.72%	CM-30	
SILPER	<i>Silphium perfoliatum</i>	Cup Plant	1,400	0.50	0.03	0.11%	0.00%	CM-60	
SOLRID	<i>Solidago riddellii</i>	Riddell's Goldenrod	93,000	2.00	0.13	0.42%	1.30%	CM-60	
SOLRIG	<i>Solidago rigida</i>	Stiff Goldenrod	41,000	1.50	0.09	0.32%	0.43%	CM-60	
SYMNOV	<i>Symphotrichum novae-angliae</i>	New England Aster	66,000	6.00	0.38	1.27%	2.78%	CM-60	
THADAS	<i>Thalictrum dasycarpum</i>	Purple Meadow Rue	11,000	4.00	0.25	0.84%	0.31%	CM-60, G	
VERHAS	<i>Verbena hastata</i>	Blue Vervain	93,000	4.00	0.25	0.84%	2.61%	CM-30	
VERFAS	<i>Vernonia fasciculata</i>	Common Ironweed	24,000	4.00	0.25	0.84%	0.67%	CM-60	
ZIZAUR	<i>Zizia aurea</i>	Golden Alexanders	11,000	12.00	0.75	2.53%	0.93%	CM-60 or M, G	
Wildflower Subtotals					8.781	29.64%	34.37%		
Mix TOTALS					29.625	100.00%	100.00%		

NATURAL AREAS ESTABLISHMENT PROVISIONS

Wet Prairie Seed Mix (Wet Soils)

MIX STATISTICS	
Number of Native Species in Mix	36
Native FQI	29.2
Native Mean C Value	4.9
Native Mean W Value	-3.4
Lbs/Acre of Native Seed	12.2
Seeds per Square Foot	369.9
Acres to be Planted	1.67

Grasses, Sedges, & Rushes									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
CALCAN	<i>Calamagrostis canadensis</i>	Blue Joint Grass	280,000	1.50	0.09	0.77%	2.61%	N/A	
CXCRIS	<i>Carex cristatella</i>	Crested Oval Sedge	58,000	1.50	0.09	0.77%	0.54%	CM-60	
CXHYST	<i>Carex hystericina</i>	Porcupine Sedge	30,000	2.00	0.13	1.02%	0.37%	CM-60	
CXSTIP	<i>Carex stipata</i>	Common Fox Sedge	34,000	3.00	0.19	1.53%	0.63%	CM-60	
CXSTRI	<i>Carex stricta</i>	Common Tussock Sedge	53,000	1.00	0.06	0.51%	0.33%	CM-60	
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	100,000	8.00	0.50	4.09%	4.97%	CM-60	
ELEPAL	<i>Eleocharis palustris</i>	Great Spike Rush	51,000	2.00	0.13	1.02%	0.63%	CM-60	
ELYVIR	<i>Elymus virginicus</i>	Virginia Wild Rye	4,200	36.00	2.25	18.39%	0.94%	N/A	
GLYSTR	<i>Glyceria striata</i>	Fowl Manna Grass	90,000	2.00	0.13	1.02%	1.12%	N/A	
JUNDUD	<i>Juncus dudleyi</i>	Dudley's Rush	3,200,000	1.00	0.06	0.51%	19.86%	CM-60	
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	460,000	2.00	0.13	1.02%	5.71%	CM-60 or M	
SCICYP	<i>Scirpus cyperinus</i>	Wool Grass	1,700,000	3.00	0.19	1.53%	31.65%	CM-60 or M	
SPAPEC	<i>Spartina pectinata</i>	Cord Grass	6,600	36.00	2.25	18.39%	1.47%	N/A	
			Grass/Sedge Subtotals	6.188		50.57%	70.84%		

Wildflowers									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	4,800	16.00	1.00	8.17%	0.48%	CM-30	
BIDCER	<i>Bidens cernua</i>	Nodding Bur Marigold	21,000	2.00	0.13	1.02%	0.26%	CM-60	
BOLAST	<i>Boltonia asteroides</i>	False Aster	160,000	0.50	0.03	0.26%	0.50%	CM-60	
CORTRI	<i>Coreopsis tripteris</i>	Tall Coreopsis	14,000	8.00	0.50	4.09%	0.70%	CM-60	
DOEUMB	<i>Doellingeria umbellata</i>	Flat-topped Aster	67,000	0.75	0.05	0.38%	0.31%	CM-60	
ERYYUC	<i>Eryngium yuccifolium</i>	Rattlesnake Master	7,500	4.00	0.25	2.04%	0.19%	CM-60	
EUPPER	<i>Eupatorium perfoliatum</i>	Boneset	160,000	1.00	0.06	0.51%	0.99%	CM-30	
EUTGRA	<i>Euthamia graminifolia</i>	Grass-leaved Goldenrod	350,000	3.00	0.19	1.53%	6.52%	CM-60	
EUTMAC	<i>Eutrochium maculatum</i>	Spotted Joe Pye Weed	95,000	3.00	0.19	1.53%	1.77%	CM-30	
HELAUT	<i>Helenium autumnale</i>	Sneezeweed	130,000	2.00	0.13	1.02%	1.61%	N/A	
IRIVIS	<i>Iris virginica var. shrevei</i>	Southern Blue Flag	1,000	24.00	1.50	12.26%	0.15%	CM-120 or M	
LIASPI	<i>Liatris spicata</i>	Marsh Blazing Star	11,000	2.00	0.13	1.02%	0.14%	CM-60	
LYCAME	<i>Lycopus americanus</i>	Water Horehound	130,000	1.50	0.09	0.77%	1.21%	N/A	
MONFIS	<i>Monarda fistulosa</i>	Wild Bergamot	70,000	3.00	0.19	1.53%	1.30%	N/A	
PENDIG	<i>Penstemon digitalis</i>	Foxglove Beardtongue	130,000	4.00	0.25	2.04%	3.23%	CM-30, G	
PYCVIR	<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint	220,000	3.00	0.19	1.53%	4.10%	N/A	
RUDFUL	<i>Rudbeckia fulgida</i>	Orange Coneflower	31,000	2.00	0.13	1.02%	0.38%	CM-60	
SILPER	<i>Silphium perfoliatum</i>	Cup Plant	1,400	1.00	0.06	0.51%	0.01%	CM-60	
SOLRID	<i>Solidago riddellii</i>	Riddell's Goldenrod	93,000	2.00	0.13	1.02%	1.15%	CM-60	
SYMNOV	<i>Symphotrichum novae-angliae</i>	New England Aster	66,000	4.00	0.25	2.04%	1.64%	CM-60	
THADAS	<i>Thalictrum dasycarpum</i>	Purple Meadow Rue	11,000	3.00	0.19	1.53%	0.20%	CM-60, G	
VERHAS	<i>Verbena hastata</i>	Blue Vervain	93,000	3.00	0.19	1.53%	1.73%	CM-30	
VERFAS	<i>Vernonia fasciculata</i>	Common Ironweed	24,000	4.00	0.25	2.04%	0.60%	CM-60	
			Wildflower Subtotals	6.047		49.43%	29.16%		
			Mix TOTALS	12.234		100.00%	100.00%		

NATURAL AREAS ESTABLISHMENT PROVISIONS

Shade Seed Mix (Mesic Soils)

MIX STATISTICS	
Number of Native Species in Mix	19
Native FQI	23.4
Native Mean C Value	5.4
Native Mean W Value	0.9
Lbs/Acre of Native Seed	8.9
Seeds per Square Foot	160.9
Acres to be Planted	0.0

Grasses, Sedges, & Rushes									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
BROPUB	<i>Bromus pubescens</i>	Hairy Wood Chess	7,600	8.00	0.50	5.61%	0.87%	CM-30	
CXDAVI	<i>Carex davisii</i>	Awned Graceful Sedge	9,000	3.00	0.19	2.11%	0.39%	CM-60	
CXGRAL	<i>Carex gracillima</i>	Purple-sheathed Graceful Sedge	102,000	2.00	0.13	1.40%	2.91%	CM-60	
CXSPRE	<i>Carex spregelii</i>	Long-beaked Sedge	10,000	2.00	0.13	1.40%	0.29%	CM-60	
CXTENE	<i>Carex tenera</i>	Narrow-leaved Oval Sedge	20,000	2.00	0.13	1.40%	0.57%	CM-60	
CINARU	<i>Cinna arundinacea</i>	Stout Wood Reed	81,000	8.00	0.50	5.61%	9.25%	CM-60	
ELYHYS	<i>Elymus hystrix</i>	Bottlebrush Grass	7,600	24.00	1.50	16.84%	2.60%	N/A	
ELYVIR	<i>Elymus virginicus</i>	Virginia Wild Rye	4,200	48.00	3.00	33.68%	2.88%	N/A	
FESSUB	<i>Festuca subverticillata</i>	Nodding Fescue	20,000	5.00	0.31	3.51%	1.43%	CM-60	
JUNDUD	<i>Juncus dudleyi</i>	Dudley's Rush	3,200,000	1.00	0.06	0.70%	45.65%	CM-60	
JUNTEN	<i>Juncus tenuis</i>	Path Rush	1,000,000	1.00	0.06	0.70%	14.27%	CM-60	
Grass/Sedge Subtotals					6.500	72.98%	81.09%		

Wildflowers									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
AGANEP	<i>Agastache nepetoides</i>	Yellow Giant Hyssop	90,000	2.00	0.13	1.40%	2.57%	CM-60	
AGASCR	<i>Agastache scrophulariaefolia</i>	Purple Giant Hyssop	93,000	8.00	0.50	5.61%	10.61%	CM-60	
ALLCER	<i>Allium cernuum</i>	Nodding Onion	7,600	4.00	0.25	2.81%	0.43%	CM-60	
ANECYL	<i>Anemone cylindrica</i>	Thimbleweed	26,000	1.00	0.06	0.70%	0.37%	CM-60	
AQUCAN	<i>Aquilegia canadensis</i>	Wild Columbine	38,000	6.00	0.38	4.21%	3.25%	CM-60	
CAMAME	<i>Campanulastrum americanum</i>	American Bellflower	170,000	5.00	0.31	3.51%	12.13%	CM-30	
HELSTR	<i>Helianthus strumosus</i>	Pale-leaved Sunflower	4,200	6.00	0.38	4.21%	0.36%	CM-30	
RUDTRI	<i>Rudbeckia triloba</i>	Brown-eyed Susan	34,000	4.00	0.25	2.81%	1.94%	CM-30	
SCRMAR	<i>Scrophularia marilandica</i>	Late Figwort	170,000	1.00	0.06	0.70%	2.43%	CM-60?	
SOLULM	<i>Solidago ulmifolia</i>	Elm-leaved Goldenrod	130,000	3.00	0.19	2.11%	5.56%	CM-60	
SYMDRU	<i>Symphotrichum drummondii</i>	Drummond's Aster	80,000	3.00	0.19	2.11%	3.42%	N/A	
SYMSHO	<i>Symphotrichum shortii</i>	Short's Aster	60,000	2.50	0.16	1.75%	2.14%	CM-30	
THADAS	<i>Thalictrum dasycarpum</i>	Purple Meadow Rue	11,000	8.00	0.50	5.61%	1.26%	CM-60, G	
THADIO	<i>Thalictrum dioicum</i>	Early Meadow Rue	7,300	1.00	0.06	0.70%	0.10%	CM-60	
VERALT	<i>Verbesina alternifolia</i>	Wingstem	9,000	16.00	1.00	11.23%	2.05%	CM-30	
Wildflowers Subtotals					2.406	27.02%	18.91%		
Mix TOTALS					8.906	100.00%	100.00%		

NATURAL AREAS ESTABLISHMENT PROVISIONS

Shoreline Seed Mix (Saturated Soils)

MIX STATISTICS	
Number of Native Species in Mix	41
Native FQI	31.4
Native Mean C Value	4.9
Native Mean W Value	-4.5
Lbs/Acre of Native Seed	11.1
Seeds per Square Foot	180.5
Acres to be Planted	0.24

Grasses, Sedges, & Rushes									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
CALCAN	<i>Calamagrostis canadensis</i>	Blue Joint Grass	280,000	1.00	0.06	0.56%	3.56%	N/A	
CXCOMO	<i>Carex comosa</i>	Bristly Sedge	30,000	3.00	0.19	1.69%	1.14%	CM-60	
CXCRIS	<i>Carex cristatella</i>	Crested Oval Sedge	58,000	1.00	0.06	0.56%	0.74%	CM-60	
CXHYST	<i>Carex hystericina</i>	Porcupine Sedge	30,000	4.00	0.25	2.26%	1.53%	CM-60	
CXSTIP	<i>Carex stipata</i>	Common Fox Sedge	34,000	4.00	0.25	2.26%	1.73%	CM-60	
CXSTRI	<i>Carex stricta</i>	Common Tussock Sedge	53,000	2.00	0.13	1.13%	1.35%	CM-60	
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	100,000	12.00	0.75	6.77%	15.26%	CM-60	
ELEPAL	<i>Eleocharis palustris</i>	Great Spike Rush	51,000	2.00	0.13	1.13%	1.30%	CM-60	
GLYSTR	<i>Glyceria striata</i>	Fowl Manna Grass	90,000	1.00	0.06	0.56%	1.14%	N/A	
JUNDUD	<i>Juncus dudleyi</i>	Dudley's Rush	3,200,000	0.125	0.01	0.07%	5.09%	CM-60	
JUNEFF	<i>Juncus effusus</i>	Common Rush	1,000,000	0.50	0.03	0.28%	6.36%	CM-60	
LEEORY	<i>Leersia oryzoides</i>	Rice Cut Grass	34,000	6.00	0.38	3.39%	2.59%	N/A	
SCHPUP	<i>Schoenoplectus pungens var. pungens</i>	Chairmaker's Rush	12,000	2.00	0.13	1.13%	0.31%	CM-60	
SCHTAB	<i>Schoenoplectus tabernaemontani</i>	Great Bulrush	31,000	2.00	0.13	1.13%	0.79%	CM-60	
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	460,000	0.50	0.03	0.28%	2.93%	CM-60 or M	
SCICYP	<i>Scirpus cyperinus</i>	Wool Grass	1,700,000	0.125	0.01	0.07%	2.70%	CM-60 or M	
SPAPEC	<i>Spartina pectinata</i>	Cord Grass	6,600	24.00	1.50	13.55%	2.01%	N/A	
Grass/Sedge Subtotals					4.078	36.84%	50.53%		

Wildflowers									
CODE	SCIENTIFIC NAME	COMMON NAME	SEEDS/OZ	OZ/ACRE	LB/ACRE	% OF MIX		GERMINATION	TOP SOW
						by Weight	by Seed Count		
ACOCAL	<i>Acorus calamus</i>	Sweet Flag	6,800	12.00	0.75	6.77%	1.04%	CM-60	
ALISUB	<i>Alisma subcordatum</i>	Mud Plantain	60,000	4.00	0.25	2.26%	3.05%	CM-30	
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	4,800	24.00	1.50	13.55%	1.47%	CM-30	
BIDCER	<i>Bidens cernua</i>	Nodding Bur Marigold	21,000	6.00	0.38	3.39%	1.60%	CM-60	
BOLAST	<i>Boltonia asteroides</i>	False Aster	160,000	0.75	0.05	0.42%	1.53%	CM-60	
CHEGLA	<i>Chelone glabra</i>	Turtlehead	92,000	2.00	0.13	1.13%	2.34%	CM-120 or M	
EUPPER	<i>Eupatorium perfoliatum</i>	Boneset	160,000	1.00	0.06	0.56%	2.03%	CM-30	
EUTGRA	<i>Euthamia graminifolia</i>	Grass-leaved Goldenrod	350,000	0.25	0.02	0.14%	1.11%	CM-60	
EUTMAC	<i>Eutrachium maculatum</i>	Spotted Joe Pye Weed	95,000	2.00	0.13	1.13%	2.42%	CM-30	
HELAUT	<i>Helenium autumnale</i>	Sneezeweed	130,000	1.00	0.06	0.56%	1.65%	N/A	
HIBLAE	<i>Hibiscus laevis</i>	Halberd-leaved Rose Mallow	2,800	16.00	1.00	9.03%	0.57%	CM-60	
IRIVIS	<i>Iris virginica var. shrevei</i>	Southern Blue Flag	1,000	24.00	1.50	13.55%	0.31%	CM-120 or M	
LOBCAR	<i>Lobelia cardinalis</i>	Cardinal Flower	400,000	1.00	0.06	0.56%	5.09%	CM-60	
LOBSIP	<i>Lobelia siphilitica</i>	Great Blue Lobelia	500,000	1.00	0.06	0.56%	6.36%	CM-60	
MIMRIN	<i>Mimulus ringens</i>	Monkey Flower	2,300,000	0.125	0.01	0.07%	3.66%	CM-60	
PENSED	<i>Penthorum sedoides</i>	Ditch Stonecrop	1,300,000	0.250	0.02	0.14%	4.13%	CM-60	
PHYVIR	<i>Physostegia virginiana</i>	Obedient Plant	11,000	2.00	0.13	1.13%	0.28%	CM-60	
SAGLAT	<i>Sagittaria latifolia</i>	Common Arrowhead	61,000	2.00	0.13	1.13%	1.55%	CM-60	
SCULAT	<i>Scutellaria lateriflora</i>	Mad-dog Skullcap	65,000	2.00	0.13	1.13%	1.65%	CM-60	
SILPER	<i>Silphium perfoliatum</i>	Cup Plant	1,400	0.50	0.03	0.28%	0.01%	CM-60	
SOLRID	<i>Solidago riddellii</i>	Riddell's Goldenrod	93,000	2.00	0.13	1.13%	2.37%	CM-60	
SYMNOV	<i>Symphotrichum novae-angliae</i>	New England Aster	66,000	2.00	0.13	1.13%	1.68%	CM-60	
VERFAS	<i>Vernonia fasciculata</i>	Common Ironweed	24,000	4.00	0.25	2.26%	1.22%	CM-60	
VERHAS	<i>Verbena hastata</i>	Blue Vervain	93,000	2.00	0.13	1.13%	2.37%	CM-30	
Wildflower Subtotals					6.992	63.16%	49.47%		
Mix TOTALS					11.070	100.00%	100.00%		

NATURAL AREAS ESTABLISHMENT PROVISIONS

Shoreline Plug Mix										
MIX STATISTICS										
Number of Native Species in Mix	15									
Native FQI	28.2									
Native Mean C Value	5.3									
Native Mean W Value	-4.9									
Total # of Plants in Mix	5092.0									
Grasses, Sedges, & Rushes										
CODE	SCIENTIFIC NAME	COMMON NAME	SIZE	PLANTS/ FLAT	# OF FLATS	# OF PLANTS	% OF TOTAL	NOTE*		
BOLFLU	<i>Bolboschoenus fluviatilis</i>	River Bulrush	plug	38	10.00	380.00	7.46%	A. Rhizomatous		
CALCAN	<i>Calamagrostis canadensis</i>	Blue Joint Grass	plug	38	5.00	190.00	3.73%	A. Rhizomatous		
CXCOMO	<i>Carex comosa</i>	Bristly Sedge	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
CXLACU	<i>Carex lacustris</i>	Common Lake Sedge	plug	38	5.00	190.00	3.73%	A. Rhizomatous		
CXLUPN	<i>Carex lupulina</i>	Common Hop Sedge	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
CXSTRI	<i>Carex stricta</i>	Common Tussock Sedge	plug	38	12.00	456.00	8.96%	Rhizomatous		
CXTRIC	<i>Carex trichocarpa</i>	Hairy-fruited Lake Sedge	plug	38	5.00	190.00	3.73%	A. Rhizomatous		
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	plug	38	2.00	76.00	1.49%	Rhizomatous		
JUNEFF	<i>Juncus effusus</i>	Common Rush	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
LEEORY	<i>Leersia oryzoides</i>	Rice Cut Grass	plug	38	5.00	190.00	3.73%	A. Rhizomatous		
SCHTAB	<i>Schoenoplectus tabernaemontani</i>	Great Bulrush	plug	38	10.00	380.00	7.46%	A. Rhizomatous		
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	plug	38	2.00	76.00	1.49%	Rhizomatous		
SCICYP	<i>Scirpus cyperinus</i>	Wool Grass	plug	38	1.00	38.00	0.75%	S. Rhizomatous		
Grass/Sedge Subtotals					63.00	2,394.00	47.01%			
Wildflowers										
CODE	SCIENTIFIC NAME	COMMON NAME	SIZE	PLANTS/ FLAT	# OF FLATS	# OF PLANTS	% OF TOTAL	NOTE*		
ACOAME	<i>Acorus americanus</i>	American Sweet Flag	plug	38	2.00	76.00	1.49%			
ALISUB	<i>Alisma subcordatum</i>	Mud Plantain	plug	38	5.00	190.00	3.73%	A. Rhizomatous		
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
EUTMAC	<i>Eutrochium maculatum</i>	Spotted Joe Pye Weed	plug	38	2.00	76.00	1.49%	A. Rhizomatous		
HIBLAE	<i>Hibiscus laevis</i>	Halberd-leaved Rose Mallow	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
IRIVIS	<i>Iris virginica var. shrevei</i>	Southern Blue Flag	plug	38	10.00	380.00	7.46%	Rhizomatous		
LOBCAR	<i>Lobelia cardinalis</i>	Cardinal Flower	plug	38	2.00	76.00	1.49%			
LYCAME	<i>Lycopus americanus</i>	Water Horehound	plug	38	2.00	76.00	1.49%	S. Rhizomatous		
LYTALA	<i>Lythrum alatum</i>	Winged Loosestrife	plug	38	2.00	76.00	1.49%	Rhizomatous		
MIMRIN	<i>Mimulus ringens</i>	Monkey Flower	plug	38	1.00	38.00	0.75%	Rhizomatous		
PERHYD	<i>Persicaria hydropiperoides</i>	Swamp Smartweed	plug	38	3.00	114.00	2.24%			
PONCOR	<i>Pontederia cordata</i>	Pickerelweed	plug	38	15.00	570.00	11.19%	Rhizomatous		
SAGLAT	<i>Sagittaria latifolia</i>	Common Arrowhead	plug	38	15.00	570.00	11.19%	Rhizomatous		
SOLRID	<i>Solidago riddellii</i>	Riddell's Goldenrod	plug	38	3.00	114.00	2.24%	S. Rhizomatous		
SPAEUR	<i>Sparganium eurycarpum</i>	Great Bur Reed	plug	38	5.00	190.00	3.73%	Rhizomatous		
Wildflower Subtotals					71.00	2,698.00	52.99%			
Mix TOTALS					134.00	5,092.00	100.00%			

NATURAL AREAS ESTABLISHMENT PROVISIONS

Pod Planting Plug Mix (0-6" Water Depth)									
MIX STATISTICS									
Number of Native Species in Mix									23
Native FQI									29.0
Native Mean C Value									5.3
Native Mean W Value									-4.9
Total # of Plants in Mix									2432.0
CODE	SCIENTIFIC NAME	COMMON NAME	SIZE	PLANTS/ FLAT	# OF FLATS	# OF PLANTS	% OF TOTAL	NOTE	
BOLFLU	<i>Bolboschoenus fluviatilis</i>	River Bulrush	plug	38	5.00	190.00	7.81%	A. Rhizomatous	
CALCAN	<i>Calamagrostis canadensis</i>	Blue Joint Grass	plug	38	2.00	76.00	3.13%	A. Rhizomatous	
CXLACU	<i>Carex lacustris</i>	Common Lake Sedge	plug	38	1.00	38.00	1.56%	A. Rhizomatous	
CXTRIC	<i>Carex trichocarpa</i>	Hairy-fruited Lake Sedge	plug	38	1.00	38.00	1.56%	A. Rhizomatous	
LEEORY	<i>Leersia oryzoides</i>	Rice Cut Grass	plug	38	2.00	76.00	3.13%	A. Rhizomatous	
SCHTAB	<i>Schoenoplectus tabernaemontani</i>	Great Bulrush	plug	38	5.00	190.00	7.81%	A. Rhizomatous	
SCHPUN	<i>Scirpus pungens</i>	Chairmaker's Rush	plug	38	1.00	38.00	1.56%	A. Rhizomatous	
ACOCAL	<i>Acorus calamus</i>	Sweet Flag	plug	38	1.00	38.00	1.56%	Rhizomatous	
ALISUB	<i>Alisma subcordatum</i>	Mud Plantain	plug	38	4.00	152.00	6.25%	A. Rhizomatous	
ASCINC	<i>Asclepias incarnata</i>	Swamp Milkweed	plug	38	2.00	76.00	3.13%	S. Rhizomatous	
CXCOMO	<i>Carex comosa</i>	Bristly Sedge	plug	38	1.00	38.00	1.56%	S. Rhizomatous	
CXHYST	<i>Carex hystericina</i>	Porcupine Sedge	plug	38	1.00	38.00	1.56%	S. Rhizomatous	
CXLUPN	<i>Carex lupulina</i>	Common Hop Sedge	plug	38	1.00	38.00	1.56%	S. Rhizomatous	
CXSTRI	<i>Carex stricta</i>	Common Tussock Sedge	plug	38	1.00	38.00	1.56%	Rhizomatous	
CXVULP	<i>Carex vulpinoidea</i>	Brown Fox Sedge	plug	38	1.00	38.00	1.56%	Rhizomatous	
EUTMAC	<i>Eutrochium maculatum</i>	Spotted Joe Pye Weed	plug	38	1.00	38.00	1.56%	A. Rhizomatous	
HIBLAE	<i>Hibiscus laevis</i>	Halberd-leaved Rose Mallow	plug	38	1.00	38.00	1.56%	S. Rhizomatous	
IRIVIS	<i>Iris virginica var. shrevei</i>	Southern Blue Flag	plug	38	5.00	190.00	7.81%	Rhizomatous	
JUNEFF	<i>Juncus effusus</i>	Common Rush	plug	38	3.00	114.00	4.69%	S. Rhizomatous	
LOBCAR	<i>Lobelia cardinalis</i>	Cardinal Flower	plug	38	1.00	38.00	1.56%		
LYCAME	<i>Lycopus americanus</i>	Water Horehound	plug	38	1.00	38.00	1.56%	S. Rhizomatous	
LYTALA	<i>Lythrum alatum</i>	Winged Loosestrife	plug	38	1.00	38.00	1.56%	Rhizomatous	
MIMRIN	<i>Mimulus ringens</i>	Monkey Flower	plug	38	1.00	38.00	1.56%	Rhizomatous	
PERHYD	<i>Persicaria hydropiperoides</i>	Swamp Smartweed	plug	38	2.00	76.00	3.13%		
PONCOR	<i>Pontederia cordata</i>	Pickerelweed	plug	38	7.00	266.00	10.94%	Rhizomatous	
SAGLAT	<i>Sagittaria latifolia</i>	Common Arrowhead	plug	38	7.00	266.00	10.94%	Rhizomatous	
SCIATR	<i>Scirpus atrovirens</i>	Dark-green Bulrush	plug	38	1.00	38.00	1.56%	Rhizomatous	
SCICYP	<i>Scirpus cyperinus</i>	Wool Grass	plug	38	1.00	38.00	1.56%	S. Rhizomatous	
SOLRID	<i>Solidago riddellii</i>	Riddell's Goldenrod	plug	38	1.00	38.00	1.56%	S. Rhizomatous	
SPAEUR	<i>Sparganium eurycarpum</i>	Great Bur Reed	plug	38	2.00	76.00	3.13%	Rhizomatous	
				Mix TOTALS	64.00	2,432.00	73.44%		

END OF EXHIBIT B

NATURAL AREAS ESTABLISHMENT PROVISIONS

PRE-APPROVED NATIVE PLANT NURSERIES

APPENDIX - C

NATURAL AREAS ESTABLISHMENT PROVISIONS

Native Seed

Agrecol, Inc., Evansville, WI
Phone: (608) 223-3571

Prairie Moon Nursery, Winona, MN
Phone: (507) 452-1362

Shooting Star Native Seeds, Spring Grove, MN
Phone: (507) 498-3944

Native Plugs

Agrecol, Inc., Evansville, WI
Phone: (608) 223-3571

Midwest Natural Garden, St. Charles, IL
Phone: (847) 742-1792

Pizzo Native Plant Nursery, LLC, Leland, IL
Phone: (815) 495-2300

NATURAL AREAS ESTABLISHMENT PROVISIONS

GLOSSARY

APPENDIX - D

NATURAL AREAS ESTABLISHMENT PROVISIONS

Acceptable Species: Vegetative species that have been seeded or planted as specified and/or volunteer native species with a C-value of 2 or greater, except for any of those species listed in [Appendix-A](#).

Aerial coverage: The vegetation covering the ground surface above the ground surface; including all leaves, stems, flower parts, etc. Aerial coverage can be visualized by considering a bird's-eye view of the vegetation.

Density: Numbers of individuals or stems per unit area.

Dominant Species: Plant species or species groups, which by means of their number, coverage or size, have considerable influence or control upon the conditions or existence of associated species.

Erosion: The washing away or dislodging of soil by water, wind or ice.

Established: Establish is defined in botany as a species being allowed to thrive and reproduce.

Growing Season: The part of a calendar year during which rainfall and temperature allow plants to grow. In the Midwest the growing season typically occurs between the months of April thru October.

Invasive Species: An undesirable non-native species, that competes with desirable, native plants and animals for light, space, water, food and nutrients. An invasive species, left untreated, will destroy the integrity of an ecosystem and will often become the only plant or animal inhabiting a particular landscape.

Native Species: 1) an indigenous species that is normally found as part of a particular ecosystem. 2) a species that was present in a defined North American area prior to European settlement.

Ocular Assessment: The act of making a professional judgment about something based on what is physically seen by the observer's eyes.

Plant Community: A group of plants that need a particular set of environmental conditions (i.e. light, soil type, moisture) in order to thrive. Examples include dry prairie, mesic prairie, wet prairie, wetland, emergent, savanna, dry-mesic woodland, etc.

Planting Area: The physical area(s) of a project site receiving site preparation, planting and/or stewardship activities. A plant community may consist of multiple planting areas.

Quadrat: Small areas of a standard size placed along transects or selected at random to act as representative samples for assessing the local distribution of plants or animals.

Remnant: A surviving trace or vestige of vegetation that has remained undisturbed or minimally undisturbed since European settlement. Remnant habitats are often found in fragmented form dissected by human development with a highly diverse number of native plants or native indicator species.

Transect: A straight line through a natural feature or across the earth's surface, along which observations are made or measurements taken.

Vegetative Cover: See aerial coverage.

NATURAL AREAS ESTABLISHMENT PROVISIONS

Vigorous: Well-rooted in soil and displaying healthy, strong vegetative growth.

NATURAL AREAS ESTABLISHMENT PROVISIONS

BID SUBMITTAL DOCUMENTS

APPENDIX - E

NATURAL AREAS ESTABLISHMENT PROVISIONS

EXAMPLE

Mesic Prairie Seed Mix (Midic Soil)

SPECIES	COMMON NAME	SEED TYPE	PLANT TYPE	SEED WEIGHTS				PLANT HEIGHTS				TOTAL PLANT HEIGHTS				TOTAL PLANT PROFILES			
				100%	50%	25%	12.5%	100%	50%	25%	12.5%	100%	50%	25%	12.5%	100%	50%	25%	12.5%
AGROPERIS	Wild Radish	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
AGROPERIS	Wild Radish	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
AGROPERIS	Wild Radish	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
AGROPERIS	Wild Radish	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%
AGROPERIS	Wild Radish	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
AGROPERIS	Wild Radish	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
AGROPERIS	Wild Radish	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
AGROPERIS	Wild Radish	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%
AGROPERIS	Wild Radish	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
AGROPERIS	Wild Radish	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
AGROPERIS	Wild Radish	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
AGROPERIS	Wild Radish	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%

FAIRFIELD GLEN RESTORATION
LANDSCAPE SPECIFICATIONS

SECTION 12 93 00
SITE FURNISHINGS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes site furnishings as indicated.

1. Backed Bench

1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Samples: For each exposed finish, not less than 12-inch long tubular sections, or other samples indicating material finish and color.
- C. Maintenance Data: To include in maintenance manuals. Include manufacturer's recommended methods for repairing damage to the finish. Include cleaning procedures or products that may be detrimental to surface finish.

1.3 EXTRA MATERIALS

- A. Furnish extra materials described below that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
- B. Anchors: Furnish not less than five (5) percent of quantity installed of each type.

PART 2 - PRODUCTS

2.1 BACKED BENCH

- A. Design is based upon Model: Austin, backed bench, surface mount, aluminum, end arm rest. Manufactured by Landscape Forms, 431 Lawndale Ave. Kalamazoo, MI 49048, USA, 800-430-6209, specify@landscapeforms.com, and distributed locally by Jennifer Woods, 800-430-6206 x 1336, jenniferw@landscapeforms.com.
1. Or approved equal will be considered subject to meeting the performance criteria specified herein and as indicated on the drawings.
- B. Benches shall be supplied as 6' long.

- C. Bench shall be surface mounting on concrete footings as shown on the drawings and per manufacturer's specifications.
- D. Bench frame shall be aluminum, color: Titanium.
- E. Finish: Landscape Forms' Pangard II® polyester powder coat.
- F. Benches shall be supplied with ipe wood slats with matching end armrests and center armrest.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions, with Installer present, for compliance with requirements for correct and level finished grade, mounting surfaces, installation tolerances, and other conditions affecting performance of the Work.
- B. Do not proceed with work until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Comply with manufacturer's written installation instructions unless more stringent requirements are indicated.
- B. Unless otherwise indicated, install site furnishings after landscaping and paving have been completed.
- C. Install site furnishings level, plumb, true, and securely anchored at locations indicated in the Drawings.
- D. Fit exposed connections accurately together to form tight, hairline joints.
- E. Perform cutting, drilling, and fitting required for installation of site furnishings.
- F. Set work accurately in location, alignment and elevation plumb, level, true, non-rocking and free of rack, measured from established lines and levels. Do not weld, cut, or abrade surfaces of components which have been coated or finished after fabrication, and are intended for field connection by mechanical means without further cutting or fitting.

3.3 ADJUSTMENT AND CLEANING

- A. Protect finishes of all items from damage during construction by use of temporary protective coverings approved by manufacturers. Remove protective covering immediately before Preliminary Acceptance / Substantial Completion.
 - 1. Restore finishes damaged during installation and construction period so that no evidence remains of correction work. Return items which cannot be refinished in the field to the shop; make required alterations and refinish entire unit or provide new units as required.

END OF SECTION

SECTION 32 15 00**STABILIZED PATHWAY MIX****PART 1 - GENERAL**

1.1 WORK INCLUDES

B. Base Bid:

1. General Contractor Provide:
 - a. Stabilized Pathway Mix

1.2 RELATED WORK

- A. Specified Elsewhere: Requirements that relate to this section are included but not limited to the sections below.
- B. Division 1 section for:
 1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
 2. General Requirements.
- C. Division 03 section for:
 1. Section 03 30 00 "Cast-in-Place Concrete" for general applications of concrete.
- D. Division 31 section for:
 1. Section 31 00 00 "Earthwork" for preparation of subgrade and base course.
- E. Divisions 32 section for:
 1. Section 32 13 00 "Portland Cement Concrete Paving" for cast-in-place concrete pavement with other finishes.

1.3 PERFORMANCE REQUIREMENTS

- A. Perform gradation of decomposed granite material or 3/8" or 1/4" minus crushed aggregate in accordance with ASTM C 136 – Method for Sieve Analysis for Fine and Course.

1.4 ACTION SUBMITTALS

- A. Products Data: For each product specified. Submit a 5 lb. sample and sieve analysis for grading of decomposed granite or crushed 3/8" or 1/4" minus aggregate to be sent to Stabilizer Solutions, Inc. prior to any construction – (allow 2 week turn around). Must be approved by Landscape Architect and owner.

- B. Shop Drawings: Show details of installation, including plans and sections.

1.5 PROJECT/SITE CONDITIONS

- A. Field Measurements: Each bidder is required to visit the site of the Work to verify the existing conditions. No adjustments will be made to the Contract Sum for variations in the existing conditions.
 - 1. Where surfacing is indicated to fit with other construction, verify dimensions of other construction by field measurements before proceeding with the work.
- B. Environmental Limitations: Do not install decomposed granite or crushed 3/8" or 1/4" minus aggregate paving during rainy conditions or below 40 degrees Fahrenheit and falling.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Installer to provide evidence to indicate successful experience in providing decomposed granite or crushed 3/8" or 1/4" minus aggregate paving containing Stabilizer binder additive
- B. Mock-ups: Install 4 ft. wide x 10 ft. long mock-up of decomposed granite or 3/8" or 1/4" minus crushed aggregate paving with Stabilizer additive at location as directed by owner's representative.

1.7 WARRANTY

- A. General Warranty: The special warranty specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents.
- B. Special Warranty: Submit a written warranty executed by the installer agreeing to repair or replace components of stabilized surfacing that fail in materials or workmanship within the specified warranty period. Failures include, but are not limited to, the following:
 - 1. Premature wear and tear, provided the material is maintained in accordance with manufacturer's written maintenance instructions.
 - 2. Failure of system to meet performance requirements.
- C. Warranty Period: Contractor shall provide warranty for performance of product. Contractor shall warranty installation of product for the time of one year from completion.
- D. Contractor shall provide, for a period of sixty days, unconditional maintenance and repairs as required.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Stabilizer for crushed stone surfaces provided by the following manufacturers:
 1. Kafka Granite. 550 East Highway 153, Mosinee, WI 54455. Phone (715) 687-2423; fax (715) 687-2395; Rep: Dan Steidl, Cell: 715-316-3956, email dan@kafkagranite.com
 2. Envirobond Products Corporation. 1530 Drew Rd., Suite 17, Mississauga, ON Canada L5S 1W8. Phone 1-866-636-8476; email info@envirobond.com
 3. Technisoil North America, LLC. Supplied locally by Lafarge Fox River Stone. 1300 Route 31, South Elgin, IL 60177. phone (847) 888-6133; fax (847) 742-6282.

2.2 MATERIALS

- A. Decomposed Granite or 3/8" or 1/4" crushed aggregate screenings
 1. Crushed Stone Sieve Analysis Percentage of Weight Passing a Square Mesh Sieve AASHTO T11-82 and T27-82.

1/4" MINUS AGGREGATE GRADATION

U.S. Sieve No.	Percent Passing by Weight
# 3/8"	100
# 4	90 – 100
# 8	75 – 80
# 16	55 – 65
# 30	40 – 50
# 50	25 – 35
# 100	15 – 20
# 200 to	10 – 15

- 2. Color: Cherry Creek Granite

B. Stabilized Binder

- 1. Non-toxic, organic binder that is a colorless and odorless concentrated powder that binds decomposed granite or crushed 3/8" or 1/4" minus aggregate.

2.3 METAL EDGING

A. Metal Edge Restraint

- 1. Product: Border King, 1/4" thick, 5" high with stakes 3/16" thick 15" long, finish: galvanized or approved equal
- 2. Submittals: Submit 3 - 12" long samples of the edging with finish coat.

3. Installation: Edge restraint must be located according to the plans. Install per Manufacturers recommendations.

2.4 EXCESS MATERIALS

- A. Provide owner's authorized representative with the following excess materials for use in future decomposed granite or 3/8" or 1/4" minus crushed aggregate paving repair: 40 to 50 lb. Bags of the aggregate paving blended with proper amount of Stabilizer.

PART 3 - EXECUTION

3.1 BLENDED STABILIZER

- A. Blend 12 to 16 lbs OrganicLock Stabilizer per 1-ton of decomposed granite or crushed 3/8" or 1/4" minus aggregate screenings. It is critical that Stabilizer be thoroughly and uniformly mixed throughout decomposed granite or crushed 1/4" or 3/8" minus aggregate screenings.
- B. Using a moisture-reader, pre-hydrate the aggregate/binder mix to achieve a moisture content of 10-12% after hydration. Do not over-water.

3.2 PLACEMENT

- A. After pre-blending, place the Stabilized decomposed aggregate or 3/8" or 1/4" crushed aggregate screenings on prepared sub-grade. Level to desired grade and cross section.
- B. Place in (2) two equal 2" lifts.
- C. Depth of pathways – 4" for heavy foot traffic and light vehicles.

3.3 WATERING

- A. Water heavily to achieve full depth moisture penetration of the Stabilized pathway Profile. Water activates Stabilizer. To achieve saturation of Stabilized pathway Profile, 25 to 45 gallons of water per 1-ton must be applied. During water application randomly test for depth using a probing device to the final depth.

3.4 COMPACTION

- A. Upon thorough moisture penetration, compact aggregate screenings to 85% relative compaction by compaction equipment such as; a 2 to 4-ton double drum roller. Do not begin compaction for 6 hours after placement and up to 48 hours.
- B. Take care in compacting decomposed granite or crushed 3/8" or 1/4" minus aggregate screenings when adjacent to planting and irrigation systems. Hand tamping with 8" or 10" hand tamp recommended.

3.5 INSPECTION

- A. Finished surface of pathway shall be smooth, uniform and solid. There shall be no evidence of chipping or cracking. Cured and compacted pathway shall be firm throughout profile with no

spongy areas. Loose material shall not be present on the surface. Any significant irregularities in path surface shall be repaired to the uniformity of entire installation.

3.6 MAINTENANCE

- A. Remove debris, such as paper, grass clippings, leaves or other organic material by mechanically blowing or hand raking the surface as needed. Any plowing program required during winter months shall involve the use of a rubber baffle on the plow blade or wheels on the plow that lifts the blade 1/4" off the paving surface.
- B. During the first year, a minor amount of loose aggregate will appear on the paving surface (1/16" to 1/4"). If this material exceeds a 1/4", redistribute the material over the entire surface. Water thoroughly to the depth of 1". This process should be repeated as needed.
- C. If cracking occurs, simply sweep fines into the cracks, water thoroughly and hand tamp with an 8" – 10" hand tamp plate.

3.7 REPAIRS

- A. Excavate damaged area to the depth of the Stabilized aggregate and square off sidewalls.
- B. If area is dry, moisten damaged portion lightly.
- C. Pre-bend the dry required amount of Stabilizer powder with the proper amount of aggregate in a concrete mixer.
- D. Add water to the pre-blended aggregate and Stabilizer. Thoroughly moisten mix with 25 to 45 gallons per 1-ton of pre-blended material or to approximately 10% moisture content.
- E. Apply moistened pre-blended aggregate to excavated area to finish grade.
- F. Compact with an 8" to 10" hand tamp or 250 to 300 pound roller. Keep traffic off areas for 12 to 48 hours after repair has been completed.

3.8 CLEANING

- A. Construction Waste Management
 - 1. At the end of each work day, recycle or dispose of unused material, debris and containers in accordance with Division 1 Section "Construction Waste Management and Disposal".

END OF SECTION

SECTION 32 31 38**INTERPRETATIVE SIGN****PART 1 - GENERAL**

1.1 SECTION INCLUDES

- A. High Pressure Laminate signs.
- B. Support posts made from heavy gauge aluminum.
- C. Fasteners and accessories.

1.2 RELATED SECTIONS

- A. Section 33000: Cast-in-place concrete
- B. Section 55000 – Metal Fabrications
- C. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.3 REFERENCES

- A. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics; 1997.
- B. ASTM D 746 - Standard Test method for Brittleness Temperature of Plastics and Elastomers by Impact; 1998.
- C. ASTM D 790 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials; 1997.
- D. ASTM D 1505 - Standard Test Method for Density of Plastics by the Density-Gradient Technique; 1998.
- E. ASTM D 1822 - Standard Test Method for Tensile-Impact Energy to Break Plastics and Electrical Insulating Materials; 1993.
- F. ASTM D 2240 - Standard Test Method for Rubber Property -- Durometer Hardness; 1997.
- G. ASTM D 6108 - Standard Test Method for Compressive Properties of Unreinforced and Reinforced Plastic Lumber; 1997.
- H. ASTM D 6109 - Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastic Lumber; 1997.

- I. ASTM D 6111 - Test Method for Bulk Density and Specific Gravity of Plastic Lumber and Shapes by Displacement; 1997.

1.4 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on signage and mounting materials, including installation methods.
- B. Shop Drawings: Submit shop drawings for custom architectural signs, precise dimensions, and installation details.
- C. Selection Samples: For each sign type specified, one catalog showing manufacturer's full range of available color combinations.
- D. Certification: Manufacturer's certification that products furnished comply with specified requirements.

1.5 QUALITY ASSURANCE

- A. Artwork: Architect will furnish camera-ready artwork for use in fabricating signs. Artwork will consist of clean full color images with maximum image area of 8 by 10, either in paper originals or in IBM-compatible electronic files in .eps, .tif, or .jpg format.
- B. Artwork: To be developed by sign manufacturer from copy provided by Architect.
- C. Mock-Up: Provide one complete sign of type required.
 1. Do not proceed with fabrication of remaining signage until workmanship, colors, and installation are approved by Architect.
 2. Approved mockup may be incorporated into the finished work.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Store materials protection from exposure to harmful weather conditions and at temperature conditions recommended by manufacturer. Prevent contact with materials that may cause corrosion, discoloration, or staining. Store off the ground in a safe, dry place.
- C. Handle signs in manner not to damage or mar sign surfaces.

1.7 WARRANTY

- A. 10 year

1.8 SEQUENCING

- A. Comply with manufacturer's ordering instructions and lead time requirements to avoid delays.

PART 2 - PRODUCTS**2.1 MANUFACTURERS**

- A. Genesis Graphics, Inc. 1823 7th Av. N. Escanaba, Michigan 49829 ph. 800-659-7734 fax. 906-786-0614 Locally Represented by Joan Ball, Genesis Graphics, Inc. 1823 7th Avenue North Escanaba, MI 49829 tel. 1-800-659-7734
- B. Acceptable others
 - 1. KVO Industries, Inc. | 1825 Empire Industrial Ct. Suite A | Santa Rosa CA 95403
P 707 573 6868 | F 707 573 6888
 - 2. The Plastic Lumber Company, Inc.; 540 South Main Street, Building 7; Akron, Ohio 44311-1023. Telephone: 330-762-8989. Fax: 330-762-1613. Email: sales@plasticlumber.com. Websites: www.plasticlumber.com and www.simplesigns.com.

2.2 MATERIALS

- A. High Pressure Laminate (dHPL)
 - 1. Graphic imaging surface paper impregnated with melamine resins and combined with kraft paper core sheets impregnated with phenolic resins. These sheets are then bonded under high pressure and temperature. Finished sheets are then cut and edge finished.
 - 2. Maximum sheet size is 5X12 ft. with maximum image size of 58X142 in.
 - a. Thicknesses: 1/2 in.
 - b. Sign Size: 8" x 10" x 1/2" with threaded inserts for mounting.
 - c. Corners: Radius of 1/2"
- B. Heavy Gauged Aluminum Post
 - 1. 3" x 3" x 60" aluminum post with 6" x 6" plate. 6" x 6" plate shall be mounted at 45 deg angle to post.
 - 2. Powdercoated black.
- C. Fasteners
 - 1. Bolts shall be black, tamper resistant.

2.3 Concrete footing

- A. Provide 3000 PSI air entrained ready-mixed concrete conforming to ASTM C-94-, maximum 3" slump.

2.4 FABRICATION

- A. Custom Architectural Signs: Fabricate to design provided by AOR.
 - 1. Digital files shall be supplied from AOR that indicate: Size, Sign Message, Letter Height and color.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that areas to receive signage are properly prepared.

3.2 INSTALLATION

- A. Install signs at locations indicated and in accordance with manufacturer's instructions and approved shop drawings.
- B. In undisturbed or compacted soil, drill or hand excavate holes using post hole digger to dimensions required.
- C. Set posts in proper position, plumb and not less than 3 inches (75 mm) above bottom of excavation, and place concrete around posts, vibrating or tamping for consolidation.
- D. Attach signs to support posts as recommended by manufacturer. Install signs plumb, level, at proper angle to landmarks, and at heights indicated, with surfaces free from distortion.

3.3 CLEANING AND PROTECTION

- A. Clean surfaces of signs that have become soiled during installation process.
- B. Protect installed signs from damage until completion of project.
- C. Touch-up, repair or replace damaged signs after Substantial Completion.

END OF SECTION

SECTION 32 93 11**PLANTINGS****PART 1 - GENERAL**

1.1 SUMMARY

- A. Section includes landscaping work as shown and specified.

1.2 SUBMITTALS

- A. Submit list of sources for plant material to be provided.
- B. Submit photographs of proposed plant material taken in the nursery where they are grown prior to requesting inspection and tagging.
- C. Submit two copies of written maintenance instructions for care of installed plants.
- D. Samples:
 - 1. Submit samples and certified analyses by recognized laboratory for humus, fertilizer. Manufacturer's analysis for standard products will be acceptable.
 - 2. For environmental analysis, submit representative soil samples (no composite samples) to a laboratory certified by the Illinois Environmental Protection Agency and provide analysis results to the Boards Authorized Representative for approval in accordance with Division 31 Section "Acceptance of Backfill, Topsoil and CU Structural Soil."
 - 3. Review shall not be construed as final acceptance. Architect may take samples of materials delivered to site and analyze them for compliance with specifications.
- E. Percolation Test results:
 - 1. Perform percolation tests in tree pits as required by the Chicago Landscape Ordinance. Submit 5 copies of test results to Architect.
- F. Comply with State of Illinois and federal laws with respect to inspection of all plants for plant diseases and insect infestation. Submit an inspection certificate, required by law to this effect, with each shipment.
- G. Preinstallation Conference: Conduct preinstallation conference at the Site in compliance with requirements of Division 01 Section "Project Management and Coordination":
 - 1. Review maintenance procedures for surrounding streets, walks, paving and site amenities.
 - 2. Review procedures for work on public property.
 - 3. Review plant locations and procedures for adjustment.

1.3 QUALITY ASSURANCE

- A. Ability to Deliver:

1. Investigate sources of supply and confirm they can supply plants specified on plant list in sizes, variety, and quality noted and specified before submitting bid. Failure to take this precaution will not relieve responsibility for furnishing and installing plant material in accordance with Contract requirements.
2. Substitutions may be permitted only upon submission of written proof that specified plant is not obtainable locally. Such substitution may be made upon written authorization by Architect.
3. Furnish and install plants shown on drawings in quantity and size designated.

B. Inspection:

1. Submit photos of plant material as grown in the nursery for preliminary review by Architect. Select and tag plant material before requesting inspection by Architect.
2. In addition to review of plant material photographs, Architect may inspect plant material at nursery. Such inspection shall be in addition to inspection at job site.
 - a. If plants and materials required to be inspected are located outside radius of 25 miles from Project site, Architect's direct and indirect cost including normal profit shall be borne and paid by Contractor.
3. Upon delivery and before planting request inspection of plants by Architect.
4. Inspection and approval is for quality, size, and variety only, and in no way impairs right of rejection for failure to meet other requirements during progress of Work.
5. Contractor shall be present during required inspection or as may be required by Architect.

C. Qualifications of installer: Work under this Section is to be performed by a Landscape Contracting firm which has a minimum of 5 years experience successfully completing projects of a similar size and value.

D. Perform planting by personnel familiar with accepted landscape planting procedures. A qualified foreman, with a minimum of 5 years experience installing plant material is to be on-site during planting procedures.

E. Reference Standards

1. Provide analyses and tests of topsoil, fertilizer and humus in accordance with requirements of Association of Official Agricultural Chemists.
2. Provide environmental analysis of topsoil to the Boards Authorized Representative 10 days before depositing any soil on site. Soil sample analysis shall not be composite samples, and shall be collected and analyzed in accordance with Division 31 Section "Acceptance of Backfill, Topsoil and CU Structural Soil." The date of the topsoil analysis report shall be within 60 days of the importing such material to the site.
3. Plant names used in plant list are in accordance with "Standardized Plant Names," published by American Joint Committee on Horticulture Nomenclature (current edition).
4. Size grading standards of plant materials shall be in accordance with American Association of Nurseryman, Inc., (AAN) Code of Standards ANSI Z60.1.

1.4 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Preparation for Delivery:

1. Balled and Burlapped (B&B) Plants:
 - a. Dig and prepare for shipment in manner that will not damage roots, branches, shape, and future development of plant.
 - b. Originate from soil which will hold good ball when wrapped with burlap or similar material, bound with twine or cord so as to hold balls firm and intact.
 - c. Ball Sizes: Not less than standard established by AAN.
 - d. Drumlace plants 2 inches in caliper and over.
2. Potted or Container Plants
 - a. Provide container to hold ball shape protecting root mass during delivery and handling.

B. Delivery:

1. Plant Material: Take precautions in accordance with best trade practices to ensure arrival of plant material at job site in good condition and without injury. Cover plants to prevent drying, transit disease or injury.
2. Fertilizer: Deliver fertilizer to site in original, unopened containers bearing manufacturer's guaranteed chemical analysis, name, trade name, trademark, and conformance to state law.
3. Notify Architect, a minimum of 24 hours before delivery of plant material.
 - a. Failure to notify Architect in advance, in order to arrange proper scheduling may result in loss of time or removal of plant or plants not installed as specified or directed.
4. Each shipment shall be accompanied by invoice showing sizes and varieties of plants included in each shipment.
 - a. Provide copy of invoice to Architect upon delivery of plant material.

C. Storage:

1. Plant Material:
 - a. Set plants which are not to be planted within 4 hours, on ground and heal in with peat, soil, mulch or other media.
 - b. Protect roots of plant material from drying or other possible injury.
 - c. Water plants as necessary until planted.
 - d. Plants shall not remain unplanted for longer than 3 days.
2. Store fertilizer, humus, and spray materials in weatherproof storage areas and in such manner that their effectiveness will not be impaired.

1.5 JOB CONDITIONS

A. Planting Seasons:

1. Spring Planting: From time soil becomes workable to June 15. Fall Planting: September 1 to November 15. Plant evergreen shrub plantings no later than November 1, and evergreen tree plantings no later than October 15.
 2. Summer Season: June 2 through August 31. Planting shall be considered unseasonable and shall require approval by Architect. Approval to plant under such conditions shall in no way relieve Contractor from guarantee provisions of these specifications.
 3. Container Plants: Planting season designated above may be extended for container grown plants when approved by Architect.
- B. Plant only when weather and soil conditions are suitable in accordance with best practices of industry.
- C. Protection:
1. Protect seeded and planted areas against damage by other work.
 2. Replace, repair, restake or replant sod or plantings which are damaged.
 3. Protect lawn areas, and repair damage resulting from planting operations.
- D. Wherever landscape work is executed in conjunction with other work, arrange schedule that will permit execution of landscape work as specified.

PART 2 - PRODUCTS

2.1 PLANT

- A. General:
1. Provide nursery grown plant material. Provide plants grown within same hardiness zone as project site or have been acclimated to conditions of same hardiness zone for minimum of two growing seasons. Hardiness zones shall conform to "Zones of Plant Hardiness" as provided by U.S. Department of Agriculture.
 2. Unless specifically noted otherwise, provide plants of selected specimen quality, have normal habit of growth and be sound, healthy, vigorous plants with well developed root systems, free of disease, insect pests, their eggs or larvae, and injuries.
 3. Do not prune before delivery. Prune only at time of planting.
 4. Trees that have damaged or crooked leader, or multiple leaders, are not acceptable unless specifically specified. Trees with abrasion of bark, sun scalds, disfiguring knots, or fresh cuts of limbs over 1-1/4 inches, which have not completely calloused, are not acceptable.
 5. Plants shall be freshly dug or container-grown. No heeled-in plants or plants for cold storage will be accepted, except as otherwise specified, unless Contractor makes such request in writing and plants are inspected and approved.
- B. Plant Name and Size:
1. Measure plants when branches are in their normal position. Height and spread refer to plant's main body and not from branch tip to branch tip.
 2. Take caliper measurement at point on trunk 6 inches above natural ground line for trees up to 4 inches in caliper and at point 12 inches above natural ground line for trees 4 inches and over in caliper.

3. If range of size is given, no plant shall be less than minimum size and not less than 50% of plants shall be as large as upper half of range specified.
4. Measurements specified are minimum size acceptable and are measurements after pruning, where pruning is required. Plants meeting measurements specified, but not producing normal balance between height and spread, are not acceptable.
5. Shrubs shall be matched specimens from single block source.
6. Plants shall be true to species and variety and shall conform to measurement specified in Plant List except that plants larger than specified may be used if approved by Architect. Use of such plants shall not result in increase in Contract price. If larger plants are approved, increase ball of earth in proportion to size of plant.
7. Where plants larger than specified have been submitted in writing for approval and approved in writing by Architect, Contractor shall assume responsibility of guarantee for plant in size as planted.

C. Balled and Burlapped Plants (Designated B&B):

1. Dig plants with firm natural balls of earth of diameter indicated below and of sufficient depth to encompass fibrous and feeding root system necessary for full recovery of plant.
2. Plants having balls broken or cracked during delivery or at time of planting will be rejected.
3. For Evergreen trees, trunk diameter shall be used to determine minimum required ball dimensions. Minimum ball dimensions shall be those as specified for single stem trees.
4. Diameter at top of each ball shall be diameter specified above and diameter at bottom of each ball shall not be less than 70% of specified top diameter. Top and bottom sources shall be parallel.
5. Ball shall be of specified depth at points perpendicular to bottom of ball.
6. Balls greater than 30 inches diameter shall be drum-laced.
7. Architect may reject any plant specified as balled and burlapped which fails to conform, in the Architect's opinion, to balling requirements set forth herein.

D. Container or Pot Grown Plants:

1. Container grown plants shall have heavy fibrous root system, or well developed taproot, that has been developed by proper horticultural practice including transplanting and root pruning.
2. Root system shall have developed sufficiently long for new fibrous roots to develop so root mass will retain its shape and hold together when removed from container.
3. In no case should container strangle or girdle natural growth of plant.
4. Groundcovers in containers pots shall have the minimum number of runners and length of runners in accordance with American Association of Nurserymen, Inc., ANSI Z60.1.
5. Diameter of spread shall determine inside diameter of pot in which they shall be grown for at least 3 months prior to delivery.
6. Plant container sizes shall conform to American Association of Nurseryman, Inc., ANSI Z60.1.

E. Deciduous (Shade and Ornamental Trees):

1. Street tree plantings shall be free of branches equivalent to 1/2 of tree height or so that crown of tree is in proportion to trunk as tree grows.

- a. Trees with ascending branches may be branched 1 foot or more below branch heights as listed.
 - 2. Provide trees of specimen quality.
 - F. Evergreen Trees/Shrubs:
 - 1. Provide evergreen trees of specimen quality.
 - 2. Provide evergreen shrubs of specimen quality.
 - 3. Columnar plants:
 - a. Provide columnar plants of specimen quality.
 - G. Deciduous Shrubs:
 - 1. Provide deciduous shrubs of specimen quality.
 - H. Perennial, Biennials, Prairie Forbs, and Grasses:
 - 1. Perennial, biennials, prairie forbes, and grasses specified as "container" or "pot" shall be provided as container grown plants, or shall be provided with firm natural balls of earth with diameter and depth in accordance with American Standard for Nursery Stock for size specified on Plant List.
 - 2. Ship balled plants in open-air boxes or crates that will minimize handling of each plant prior to installation. Do not plant balled plants if ball is cracked or broken either before or during process of planting.
- 2.2 PLANTING MATERIALS
- A. Water:
 - 1. Existing water supply from hose bibs at the project building may be used for all planting operations. Provide hose and equipment necessary for proper watering of plant material. Provide water at no extra cost if it is not available at the project site.
 - B. Topsoil:
 - 1. Topsoil shall be loamy soil from the A horizon of soil profiles of local soils. It shall be relatively free from large roots, sticks, weeds, brush, or stones larger than 25 mm (1 inch) in diameter, or other litter and waste products. At least 90 percent must pass the 2.00 mm (No. 10) sieve and the pH must be between 5.0 and 8.0.
 - 2. Composition: 45-77 percent silt, 0-25 percent clay, 25-33 percent sand.
 - 3. Acidity: pH 6.0 to 7.0; amend soil as indicated by tests to achieve this pH range.
 - 4. Organic content: Three to five percent.
 - 5. Environmental analysis requirements shall be in accordance with Division 31 Section "Acceptance of Backfill, Topsoil and CU Structural Soil."
 - 6. Import topsoil conforming to above requirements from off-site sources as required to complete the work. Do not obtain from bogs or marshes.
 - 7. Perform test analysis on each source of topsoil to demonstrate compliance with the above and submit reports as specified.

- C. Section 2.2:
 - 1. Shredded Hardwood Bark:
 - a. From mixed hardwood species and free of sticks leaves, and wood chips, 60% shall range between 1 inch and 3 inches in length; remaining 40% shall not exceed 1-1/2 inches.
 - b. Maximum of 5% content by weight of shredded wood particles.
- D. Drainage material:
 - 1. Free draining aggregate meeting the requirements of IDOT CA7 and having a pH of 5.5 - 7. Comply with the requirements of Division 31 Section "Acceptance of Backfill, Topsoil and CU Structural Soil."
- E. Aeration/drainage pipe:
 - 1. Perforated or slotted agricultural drainage pipe capable of withstanding required backfill compaction.
 - 2. Rigid riser pipe for vertical installation where indicated. Install slotted use compatible pipe and fittings such as tees and caps for horizontal and vertical installations.
 - 3. Cover aeration/drainage pipe with a geotextile sock.
- F. Filter fabric:
 - 1. Nonbiodegradable, needle-punched, non-woven, water permeable, 100% continuous polypropylene or polyester fabric, 3 oz. per sq. yd. minimum, designed for drainage applications without clogging or piping.
 - 2. Capable of withstanding backfilling and compacting operations without tearing or deforming.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Do not install plantings where depth of soil over underground construction, obstructions or rock is insufficient to accommodate roots or where pockets in rock or impervious soil will require drainage. Where such conditions encountered in excavation planting areas and where stone, boulders or other obstruction cannot be broke or removed by hand methods and where trees to be planted found under overhead wires, bring to the attention of the Architect. Alternate locations for planting may be designated by Architect.
- B. Remove rock or other underground construction and drain planting areas only when approved by Architect. Payment of extra shall be based on in-place volume required to provide normal requirements for plantings.
- C. Verify location of underground utilities with appropriate sources prior to construction. Contact JULIE at least 48 hours before commencing with construction operations. Repair damaged utilities.

- D. Conflicts with utilities shall be called to the Architect's attention before proceeding with work. Alternate locations may be designated by Architect.

3.2 INSTALLATION

A. Topsoil/Finish Grading:

1. Do not place or work topsoil in frozen or muddy condition.
2. Establish final grade as shown on drawings. Grades not otherwise indicated are uniform levels or slopes between points where elevations are given or between such points and existing finished grades.
3. Where drawings show existing grades of landscaped areas not to be changed remove enough material to allow placement of 18in. of new topsoil and 6 inches of drainage material beneath shrub plantings and 24 inches of topsoil minimum beneath tree plantings, unless existing topsoil to required depth is undisturbed and of equal or better quality than specified herein. In latter case, existing topsoil may be left in place and use only enough new topsoil to bring these areas up to grade.

B. Preparation:

1. Planting Season: Conform to planting seasons defined herein.
2. Preparation of Planting Areas: Cover surrounding turf (if existing) in manner to protect turfed areas that are to be trucked or hauled over and upon which soil is to be temporarily stocked.
3. Maintain at least one stockpile of topsoil for backfilling plants during planting operations.
4. Stake or paint locations of plants and bed lines. Architect must approve locations before excavation is started. Provide 48 hours notice for approval. Contractor to be present during approval. Make adjustments in locations and outlines as required. In event that pits or areas for planting are prepared and backfilled with topsoil to grade prior to commencement of lawn operations, mark so they can be readily located when work of planting proceeds.
5. Remove weed growth prior to planting installation.

C. Excavation for Planting:

1. Comply with the requirements of Division 31 Section "Soil, Fill, Backfill, CU Structural Soil and Construction and Demolition Debris Removal."
2. Excavate circular pits with vertical side for plants. Except for ground cover or other bedding type plant material.
 - a. Diameter of pits for trees shall be at least 2 feet greater than diameter of ball, or container.
3. Depth of pits for trees shall be as indicated, or as required by Ordinance, which ever is more beneficial to the growth of plants. Excavate to greater depth as suitable to accommodate ball, container or bare roots when plant is set to finish grade allowing for 6 in. of compacted, prepared soil in bottom of pit.
4. All planting areas must have adequate drainage. Install under drainage pipes in all planting areas and connect to storm sewer. Where percolation tests indicate adequate percolation of 1 inch per hour minimum, sump drainage may be used. Auger an 8-inch diameter by 6-foot deep drainage passage beneath individual tree pits. Fill passage with

drainage material and cover with filter fabric. Utilize continuous trench for rows of trees. Excavate a drainage sump of indicated dimensions adjacent to each tree. Fill sump with drainage material and cover with filter fabric.

5. Utilize continuous trench for shrub masses and hedges instead of separate round pits. Auger an 8-inch diameter by 6-foot deep drainage sump every 8 ft along length of plant pit. Fill passage with drainage material and cover with filter fabric.
6. Install aeration/drainage pipe system in tree planting trenches as indicated.

D. Testing of Plant Pits and Trenches:

1. Perform percolation tests for all plant pits.
2. Where obstructions below or above ground are encountered, alternate locations may be selected as approved by Architect.
3. Where locations cannot be changed as determined by Architect, submit cost required to remove obstructions to depth of not less than 6 in. below required pit depth. Proceed with work after approval of Architect.
4. Dispose of excavated material not suitable for backfilling offsite in legal manner.

E. Preparation of Planting Pits:

1. Loosen soil at bottom of pit to minimum depth of 4 inches by spading or other effective methods.
2. Scarify walls of plant pits.
3. Backfill pit with 6-inch layer of compacted, topsoil.
4. If drainage problems are encountered notify AOR immediately for review and direction.

F. Setting and Backfilling Plants:

1. Balled and Burlapped (B&B) Plants:

- a. Place plants being planted in pits or trenches in center of pit or trench on compacted, topsoil. Adjust compacted soil so that top of root ball bears same relationship to finish grade as it bore to its previous finish grade in nursery.
- b. Remove twine tied around tree trunk. Remove or roll down burlap or plastic wrap around ball. Remove wire and other non-decomposable materials. Untreated burlap need not be removed, but shall be loosened around tree trunk.
- c. Backfill planting pits with topsoil in 12-inch layers and tamp each layer to fill voids until planting mixture is at final grade.
- d. Remove nursery plant identification tags.

2. Container Grown Plants:

- a. Open and remove potted plants from containers.
- b. If growing medium is comprised of 75% or more of peat, perlite, sand or like material other than soil, pull visible roots away from container medium so as to leave roots partially exposed.
- c. Place plants in plant pit or trench and carefully backfill with topsoil among exposed roots. Continue backfilling and tamping in 6-inch layers until topsoil is at final grade.
- d. Remove nursery plant identification tags.

G. Saucer Formation:

1. Form shallow saucer around each isolated plant pit with topsoil.
2. Water plants immediately after planting.

H. Bed Edging:

1. Spade edge all planting beds and tree rings 2 inches deep.
2. Ragged edges and edging will not be accepted.

3.3 PRUNING

A. Prune trees and shrubs at time of or after planting as necessary. Prune and repair existing trees designated to remain.

B. Prune in accordance with standard horticultural practices to retain natural habit and shape of plant.

1. Shearing of plants will not be accepted, unless instructed by Architect.
2. Preserve leader(s) promoting symmetrical growth on multiple leader plants.

C. Prune and trim dead wood, suckers, and injured twigs and branches.

D. Use only clean, sharp tools.

E. Make cuts flush and clean avoiding injury to branch bark ridge or branch collar leaving no stubs.

F. For cuts greater than 3/4 in. in diameter and bruises or scars on bark, trace injured cambium back to living tissue and remove. Smooth and shape wounds so as not to retain water.

G. Prune flowering trees only to remove dead or damaged branches. Do not remove leader.

3.4 PROTECTION AND MAINTENANCE

A. Mulching:

1. Mulch shade trees, ornamental trees, singularly planted shrubs, hedge plantings, and massed plantings. Cover entire planting pit or trench with minimum 3-inch depth of shredded hardwood bark.
2. Mulch within five days after installation.

B. Watering:

1. Thoroughly water immediately after installation.
2. Water during period of temporary maintenance.

3.5 CLEAN UP

A. Remove soil or similar material brought onto paved areas, keeping these areas clean.

- B. Upon completion of planting, remove excess soil, stones, and debris and dispose of off-site in legal manner.

3.6 MAINTENANCE

- A. Maintain plant material until landscape operations have received substantial completion of the project. (This includes not only plant material but also installation completion (preliminary acceptance) of sodded areas as described in Division 32 Section "Sodding").
- B. Maintenance begins immediately after each plant is installed and shall include watering, necessary cultivation, weeding, pruning, disease and insect pest control, protective spraying, resetting of plants to proper grades or upright position, restoration of damaged planting saucers, and any other procedure consistent with good horticultural practice necessary to ensure normal, vigorous, and healthy growth of work.

3.7 ACCEPTANCE

- A. Planting Acceptance: At Preliminary Acceptance / Substantial Completion of the project, the Architect will inspect landscape work for acceptance.
 - 1. Acceptance requires:
 - a. Plant material shall conform to drawings with respect to quantity, quality, size, species, and location, except those items accepted or revised in field by Architect.
 - b. Plant material shall be in healthy condition as defined under guarantee requirements below.
 - c. Items shall appear to be in general conformance with specifications.

3.8 GUARANTEE

- A. Contractor shall guarantee for period of one year from the date of Preliminary Acceptance / Substantial Completion, replacement of plants which have died, or are in distressed/dying condition, or which have failed to flourish in such manner that their usefulness or appearance has been impaired. Replace any tree with dead main leader or crown that is 25% or more dead.
 - 1. Exclusions:
 - a. Contractor shall not be liable for replacement cost of plants damaged by deicing compounds, fertilizers, pesticides or other materials not specified in Contract Documents or not applied by the landscaper, by relocating or removal by others, by acts of God, or by vandalism, and losses due to curtailment of water by local authorities.
 - 2. Inspection of Maintenance:
 - a. During guarantee period, Contractor shall, from time to time, inspect watering, cultivation, and other maintenance operations carried on by Owner with respect to such work, and promptly report to Owner any methods, practices or operations considered unsatisfactory and not in accord with interests or good horticultural practices.

- b. Failure of Contractor to so inspect or report shall be construed as an acceptance of Owner's maintenance operations, and Contractor shall not thereafter claim or assert that any defects which may later develop are result of such methods or practices or operations.

3.9 REPLACEMENTS

- A. Plants which die or require replacement for other reasons during one-year guarantee period shall be replaced as soon as possible during following acceptable planting seasons:
 1. Spring Replacement Season: All plants - when ground becomes workable to June 15.
 2. Fall Replacement Season:
 - a. Deciduous plants - September 1 to November 15.
 - b. Evergreen plants - September 1 to November 1.
- B. Topsoil that does not conform to the environmental standards as detailed in specification Division 31 Section "Acceptance of Backfill, Topsoil and CU Structural Soil" shall be excavated and replaced with topsoil that does at Contractor's expense.
- C. Procedure:
 1. Dispose of plants off-site in legal manner.
 2. Replacements shall be of same size and species as original plant unless otherwise approved by Landscape Architect.
 3. Replacements shall be supplied and installed in accordance with specifications.
 - a. Additional one-year guarantee for replacement plants shall begin on date of final acceptance of plant material by Architect as documented in field report.
 4. Replacement and Damages:
 - a. Decisions of Architect for required replacements shall be conclusive and binding upon Contractor.
 - b. Contractor shall be responsible for repairing damage to property also caused by defective workmanship and materials.

END OF SECTION

BID FORM - BASE BID PRICING

2/5/2019

SITE PREPARATION				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Brush Clearing and Tree Thinning - Includes cutting, herbicide application, and removal/disposal of cut material	LS	1	\$	\$
Boom-Spray Herbicide Application - Includes initial herbicide application and any follow-up applications required to meet performance	LS	1	\$	\$
Shoreline Grading - Includes re-grading of eroded shorelines with up to 24" of vertical cut and distributing excavated soil on-site	LF	430	\$	\$
Soil Scarification - Includes elimination of standing dead biomass when required and collection/disposal of sticks, stones, clods or other debris	LS	1	\$	\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

SOIL AMENDMENTS				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Fertilizer: Gypsum, applied	LBS	8,300	\$	\$
Fertilizer: Hi-Cal Lime, applied	LBS	5,000	\$	\$
Fertilizer: Monoammonium Phosphate (MAP), applied	LBS	700	\$	\$
Fertilizer: Sulphate of Potash (SOP), applied	LBS	850	\$	\$
Fertilizer: Milorganite, applied	LBS	2,500	\$	\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

Actual quantities will be based upon the results of soil tests, Contractor shall be paid for fertilizers based upon materials used at the provided unit price

PLANTING OPERATIONS				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Seed, Installed - Transitional Buffer Seed Mix, includes planting zone layout	AC	0.37	\$	\$
Seed, Installed - Low Profile Prairie Seed Mix, includes planting zone layout	AC	1.15	\$	\$
Seed, Installed - Dry Bottom Detention Seed Mix, includes planting zone layout	AC	0.38	\$	\$
Seed, Installed - Wet Prairie Seed Mix, includes planting zone layout	AC	1.67	\$	\$
Seed, Installed - Shoreline Seed Mix, includes planting zone layout	AC	0.24	\$	\$
Plugs, Common Species Installed - Includes planting zone layout and establishment watering	EACH	5,100	\$	\$
Herbivory Protection Fencing, Installed - Includes installation of double row per linear foot, maintenance and removal following plant establishment	LF	1,700	\$	\$
Erosion Control Blanket – North American Green S75BN, installed (Includes Transitional Buffer, Low Profile Prairie, and Supplemental Shade Seed Mix Areas)	SY	8,160	\$	\$
Erosion Control Blanket – North American Green C125BN, installed (Includes 50% of the Shoreline Seed and Plug Mix area)	SY	560	\$	\$
Interim Stewardship - Until Substantial Completion	LS	1	\$	\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

TOTAL BASE BID (in numbers):	\$
------------------------------	----

TOTAL BASE BID (in words): _____ and _____ /100

ALTERNATE BID PRICING

2/5/2019

ALTERNATE #1 - Annual Natural Areas Stewardship				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Natural Areas Stewardship - 1st Growing Season	AC	3.81	\$	\$
Natural Areas Stewardship - 2nd Growing Season	AC	3.81	\$	\$
Natural Areas Stewardship - 3rd Growing Season	AC	3.81	\$	\$
TOTAL ALTERNATE #1 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #2 - Annual Natural Areas Stewardship				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Professional Prescribed Fire	Each	1	\$	\$
TOTAL ALTERNATE #2 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #3 - Additional Restoration Areas				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Site preparation and restoration utilizing Base Bid unit pricing	AC	2.64	\$	\$
TOTAL ALTERNATE #3 (in numbers):				\$

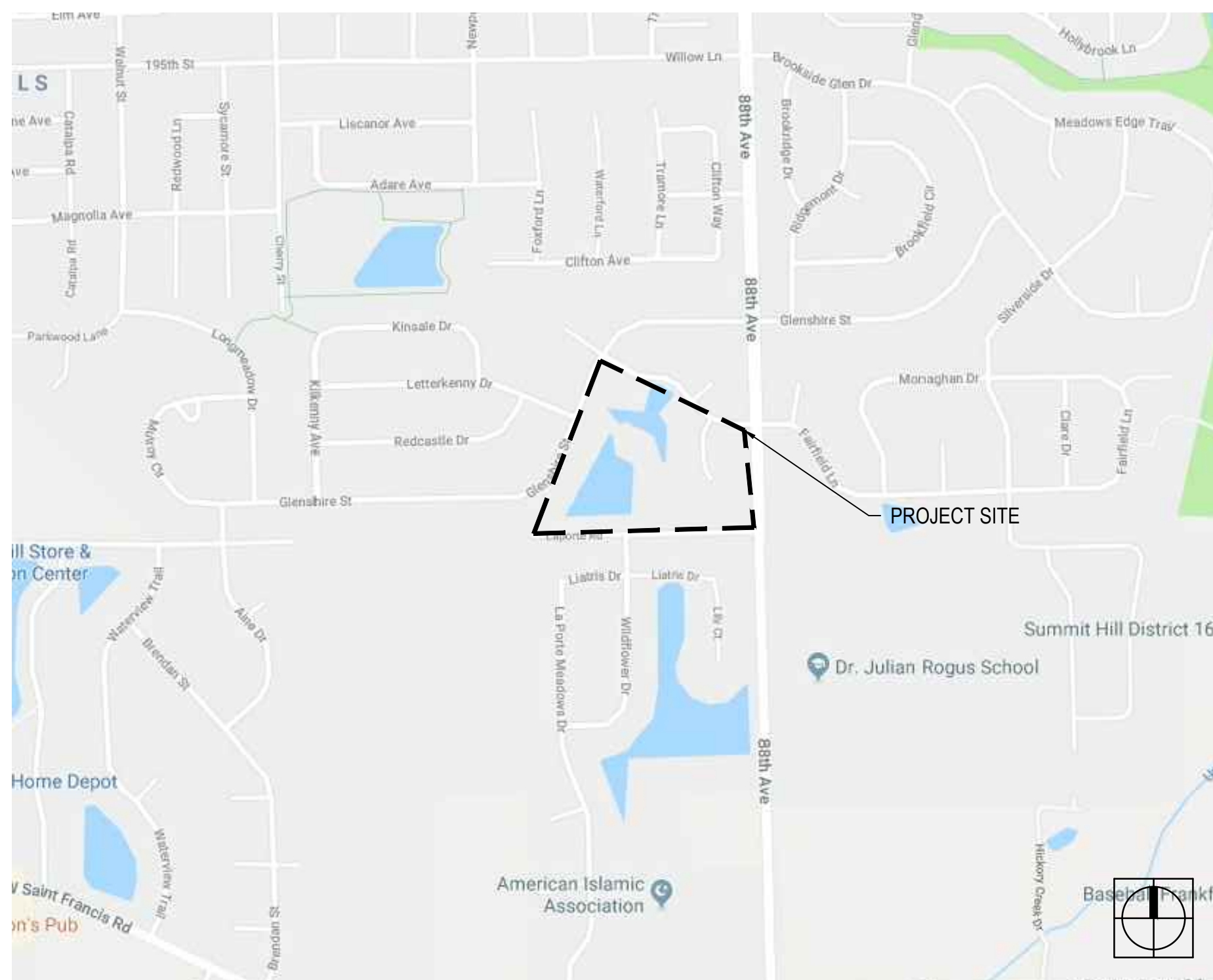
All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #4 - Plug Pods				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Plugs, Common Species Installed - Includes planting zone layout and establishment watering	EACH	2,450	\$	\$
Herbivory Protection Fencing, Installed - Includes installation of 20' x 20' square for each plug pod, maintenance and removal following plant establishment	LF	520	\$	\$
TOTAL ALTERNATE #4 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.

ALTERNATE #5 - Landscape Bed Installations and Hardscape Improvements				
LINE ITEM DESCRIPTION	Unit(s)	Qty	Unit Price	Total Price
Install landscape beds along Fairfield Ln, per plans	EACH	2	\$	\$
Install landscape bed along Glenshire St, per plans	LS	1	\$	\$
Install seating area, bench and landscape bed along Glenshire St per plans	LS	1	\$	\$
Install parkway trees, per plans	EACH	6	\$	\$
Install interpretive signs, per plans	EACH	2	\$	\$
TOTAL ALTERNATE #5 (in numbers):				\$

All prices shall include all costs for labor, mobilization, materials, equipment, fuel and/or maintenance of equipment as incidental costs to the main line item.



PROJECT LOCATION MAP

TINLEY PARK FAIRFIELD GLEN RESTORATION

LAPORTE RD & 88TH AVE.
TINLEY PARK, ILLINOIS 60487

ISSUED FOR BID
FEBRUARY 5, 2019

CLIENT
VILLAGE OF TINLEY PARK

PROJECT TEAM



site design group, ltd.
888 South Michigan Avenue #1000, Chicago, IL 60605
p. 312.427.7240 w. www.site-design.com



Landscape Architect



ecology+vision, llc
P.O. Box 601, Lisle, IL 60531
p. 815.981.8003 w. www.ecologyllc.com

Ecologist



SHEET INDEX

- G0-00 COVER SHEET
- G0-01 GENERAL NOTES
- G1-01 OVERALL SITE PLAN (FOR REFERENCE ONLY)
- R2-00 TREATMENT PLAN BRUSH AND TREE CLEARING
- R3-01 TREATMENT PLAN HERBACEOUS CLEARING
- R3-00 RESTORATION PLAN
- L1-01 OVERALL LANDSCAPE PLAN
- L1-01-01 LANDSCAPE PLAN ENLARGEMENTS
- L2-01 LANDSCAPE DETAILS

ABBREVIATIONS

&	AND	HD	HEAVY DUTY	R	RADIUS
@	AT	HR	HOUR	ROW	RIGHT OF WAY
AFF	ABOVE FINISHED FLOOR	HT	HEIGHT	RET	RETAINING
AOR	ARCHITECT OF RECORD	L	LENGTH	SIM	SIMILAR
BOT	BOTTOM	LAV	LAVATORY	SS	STAINLESS STEEL
CONC	CONCRETE	LBS, #	POUNDS	STD	STANDARD
CJ	CONTROL JOINT	MH	MANHOLE	T/	TOP OF
DIA	DIAMETER	MAX	MAXIMUM	THK	THICK
EL	ELEVATION	MIN	MINIMUM	TS	TOP STEP ELEVATION
EXP	EXPANSION	MTD	MOUNTED	TYP	TYPICAL
EXIST	EXISTING	MTL	METAL	UNO	UNLESS NOTED OTHERWISE
FDN	FOUNDATION	NIC	NOT INCLUDED IN CONTRACT	VIF	VERIFY IN FIELD
FE	FINISHED ELEVATION	NO.	NUMBER	W	WIDTH
FFE/FF	FINISHED FLOOR ELEVATION	NTS	NOT TO SCALE	WD	WOOD
FIN	FINISHED	OC	ON CENTER	WT	WEIGHT
FL/FLR	FLOOR	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED	W/	WITH
GA	GALVANIZED	PIP	POURED IN PLACE	YR	YEAR
H	HEIGHT				



Tinley Park Fairfield Glen Restoration

LaPorte Rd & 88th Ave.
Tinley Park, IL 60487



site design group, ltd.
888 South Michigan Avenue #1000, Chicago, IL 60605
p. 312.427.7240 w. www.site-design.com

Landscape Architect



ecology+vision, llc
P.O. Box 601, Lisle, IL 60531
p. 815.981.8003 w. www.ecologyllc.com

Ecologist

ISSUANCES

Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No : 8322

Drawn : JT File : 8322_covr.dwg

Checked : MM Scale : AS NOTED

Approved : BM

Sheet Title:

COVER SHEET

Drawing Number:

G0-00

GENERAL NOTES:

1. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES FOR ALL SCOPE AND OPERATIONS.
2. BEFORE SUBMITTING A PROPOSAL FOR THIS WORK, THE CONTRACTOR SHALL VISIT THE PREMISES AND ACQUAINT THEMSELVES FULLY WITH THE EXISTING CONDITIONS, TEMPORARY CONSTRUCTION REQUIRED, QUANTITIES AND TYPES OF EQUIPMENT REQUIRED, ETC. ANY BID SHALL INCLUDE ALL SUMS REQUIRED TO DO THE WORK WITHIN THE EXISTING CONDITIONS. DISRUPTION OF NORMAL ACTIVITIES IN THE WORK AREA MUST BE KEPT TO A MINIMUM.
3. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION, DIMENSIONS, AND ELEVATIONS FOR CONFORMANCE WITH THE DRAWINGS. ALL DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE AOR AND LA.
4. COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR ALL BUILDING ELEMENTS NOT SHOWN IN THESE DRAWINGS, ETC.
5. THE LANDSCAPE ARCHITECTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL AND OTHER DISCIPLINES' DRAWINGS. ALL DIMENSIONS, ELEVATIONS, DETAILS, BUILDING COMPONENTS, ETC. ARE TO BE CHECKED AGAINST ALL DOCUMENTS AS WELL AS THE PROJECT SPECIFICATIONS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE AOR AND LA IMMEDIATELY, AND RESOLVED PRIOR TO PROCEEDING WITH CONSTRUCTION. CONTRACTOR TO COORDINATE WITH ALL TRADES AND MAKE NECESSARY INVESTIGATIONS AND FIELD MEASUREMENTS.
6. SHOP DRAWINGS PREPARED BY THE CONTRACTOR AND/OR HIS SUPPLIERS SHALL BE REVIEWED BY THE AOR AND LA ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT. NO WORK SHALL BE STARTED WITHOUT SUCH REVIEW.
7. CONTRACTOR SHOP DRAWINGS PREPARED BY SUPPLIERS AND/OR SUBCONTRACTORS SHALL BE REVIEWED BY THE CONSTRUCTION MANAGER PRIOR TO SUBMISSION TO THE AOR AND LA.
8. CONTRACTOR SHOP DRAWINGS SUBMITTED PRIOR TO PERMIT RECEIPT ARE SUBJECT TO CHANGE. ADDITIONAL SERVICES FOR SUBSEQUENT REVIEW BY THE AOR AND LA, WILL BE PAID BY THE GC, AT NO COST TO THE OWNER.
9. CONTRACTOR SHOP DRAWINGS AND CALCULATIONS SHALL BE PROVIDED FOR ALL STRUCTURAL PREFABRICATED ITEMS TO AOR, SOR AND LA FOR REVIEW. ALL STRUCTURAL PREFABRICATED ITEMS TO BE SEALED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CONSTRUCTION.
10. DETAILS AND SECTIONS DESIGNATED AS "TYPICAL" APPLY TO AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE INDICATED BY DETAIL OR DETAIL TITLE UNO.
11. WATERSTOPS, VAPOR BARRIERS, ETC. SHOWN ON LANDSCAPE ARCHITECTURAL DRAWINGS ARE SCHEMATIC. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION ON WATER, MOISTURE AND CONDENSATION RESISTANCE DETAILING.
12. MISC. LOADS TO BE DESIGNED FOR UNO HEREIN OR WHEN REFERRING TO STRUCTURAL:
 - a. STAIRS 100 PSF LIVE LOAD, 300 LBS CONCENTRATED LOAD AT CENTER OF STAIR TREAD.
 - b. HANDRAIL VERTICAL AND HORIZONTAL THRUST OF 50 LBS./FT. APPLIED AT THE TOP OF THE RAILING OR A CONCENTRATED LOAD OF 200 LBS./FT. IN ANY DIRECTION, WHICHEVER PRODUCES THE GREATEST STRESS.
15. PRIOR TO THE COMMENCEMENT OF ANY INDIVIDUAL SCOPE OF WORK, CONVENE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
16. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO COMPLETE WORK SCOPE AT NO COST TO OWNER.
17. FOLLOW ALL LOCAL AND STATE STANDARDS, INCLUDING APPLICABLE DOT STANDARDS FOR WORK WITHIN THE RIGHT-OF-WAY. SUBMIT PLAN OF CONSTRUCTION STAGING FOR APPROVAL PRIOR TO START OF WORK.
18. IF WORK REQUIRES SIDEWALK OR STREET CLOSURE, CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY WORK AND MATERIALS TO DO SO.
19. INSTALL AND MAINTAIN MIN 9"HT CHAINLINK CONSTRUCTION FENCING AS INDICATED WITHIN SPECIFICATIONS TO PROTECT THE WORK FOR PUBLIC SAFETY AND TO PROVIDE SECURITY. ADJUST FENCING TO ACCOMMODATE PROGRESS OF CONSTRUCTION. MAINTAIN FENCING IN PLACE UNTIL SUBSTANTIAL PROJECT COMPLETION OR AS DIRECTED BY THE OWNER. INSTALL GATES FOR CONSTRUCTION ACCESS AS REQUIRED.
20. MODIFY AND RESTORE SITE CONDITIONS TO GAIN ACCESS INTO THE SITE. OWNER NOT RESPONSIBLE FOR RESTORATION COSTS DUE TO CONTRACTOR NEGLIGENCE DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY DOCUMENT THE EXISTING CONDITIONS OF THE SITE.
21. VERIFY THE EXACT LOCATIONS OF ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO THE START OF LANDSCAPE OPERATIONS. CONTRACTOR TO MAKE EVERY EFFORT POSSIBLE TO LOCATE ALL PRIVATE UTILITIES. CONTRACTOR TO ALSO BE RESPONSIBLE FOR MAINTAINING ALL UTILITY LOCATIONS AS MARKED BY THE UTILITY COMPANIES AND OWNER'S REPRESENTATIVE THROUGHOUT THE DURATION OF LANDSCAPE CONSTRUCTION.
22. BEFORE ANY EXCAVATION ON THE SITE, CALL TO LOCATE ANY EXISTING UTILITIES ON THE SITE. BECOME FAMILIAR WITH THE LOCATIONS OF ALL BURIED UTILITIES IN THE AREAS OF WORK BEFORE START OPERATIONS. REPAIR OR REPLACE ANY BURIED CONDUITS, CABLES OR PIPING DAMAGED DURING THE INSTALLATION OF THE WORK, AT NO COST TO OWNER
23. REMOVE FROM THE SITE IN A LEGAL MANNER ANY AND ALL DEBRIS GENERATED DURING CONSTRUCTION OPERATIONS.
24. DO NOT INTERFERE WITH THE USE OF ADJACENT PROPERTIES INCLUDING BUT NOT LIMITED TO BUILDINGS, PARKING LOTS, STREETS OR ALLEYS.
25. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, FENCING, FURNISHINGS, AND PLANTINGS, TREES, AND LAWNS FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUTS, AND OTHER HAZARDS CREATED BY SITE IMPROVEMENTS. IF ANY DAMAGE OCCURS, REPAIR TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO OWNER.
26. PROTECT AND/OR RESTORE EXISTING LAWN TO EXCELLENT CONDITION WITH TOPSOIL AND SOD. CONTRACTOR IS RESPONSIBLE FOR REPLACING ALL LANDSCAPE MATERIAL REMOVED OR DAMAGED DUE TO CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO OWNER.
27. VERIFY SITE CONDITIONS BEFORE PROCEEDING WITH WORK AND REPORT ANY CONFLICT WITH AOR AND LA.
28. QUANTITIES ARE SHOWN FOR REFERENCE ONLY. ALL QUANTITIES TO BE CONFIRMED BY CONTRACTOR. FOR ALL FINISH MATERIALS AND SITE FURNISHINGS CONTRACTOR TO PROVIDE 5% OR 1 ITEM MIN FOR ALL LOOSE ITEMS TO OWNER UNO.
29. IDENTIFY AND REPORT ANY SUBSOIL, SOIL AND/OR DRAINAGE ISSUES IMMEDIATELY TO THE ATTENTION OF THE AOR AND LA.
30. VERIFY ALL DIMENSIONS IN FIELD AND BRING ANY DISCREPANCIES IMMEDIATELY TO THE ATTENTION OF THE AOR AND LA.
31. COORDINATE WORK WITH ALL OTHER TRADES.
32. RESTORE ANY AREAS IMPACTED BY CONSTRUCTION OPERATIONS WHETHER WITHIN OR OUTSIDE OF PROJECT LIMITS.
33. PERFORM ALL MAINTENANCE ACTIVITIES WITHIN THE PROJECT LIMITS THROUGH FINAL ACCEPTANCE.

EXCAVATION AND BACKFILL NOTES:

1. AFTER EXCAVATING FOR ALL EARTH-SUPPORTED FOOTINGS AND FOUNDATIONS, THE EXPOSED NATURAL SOIL SHALL BE THOROUGHLY COMPACTED TO 95% OF ASTM D1557 (MODIFIED PROCTOR) MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT PRIOR TO PLACING FILL.
2. NO MUD SLABS, FOOTINGS, OR SLABS SHALL BE PLACED ONTO OR AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.
3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PREVENT ANY FROST OR ICE FROM PENETRATING ANY FOOTING OR SLAB SUBGRADE BEFORE AND AFTER PLACEMENT OF CONCRETE UNTIL SUCH SUBGRADES ARE FULLY PROTECTED BY THE PERMANENT STRUCTURE.
4. THE CONCRETE FOR EACH ISOLATED FOOTING SHALL BE PLACED IN ONE (1) CONTINUOUS PLACEMENT.
5. THE CONTRACTOR SHALL PREPARE ALL CONSTRUCTION PROCEDURES AND SEQUENCES AND SUBMIT FOR THE AOR, EOR, LA, AND GEOTECHNICAL REVIEW PRIOR TO THE START OF CONSTRUCTION.

CONCRETE AND FORMWORK NOTES:

1. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING (INCLUDING BUT NOT LIMITED TO) AMERICAN CONCRETE INSTITUTE PUBLICATIONS:
 - a. ACI 301 - SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
 - b. ACI 304 - GUIDE FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE
 - c. ACI 311 - GUIDE FOR CONCRETE INSPECTION
 - d. ACI 315 - DETAILS AND DETAILING OF CONCRETE REINFORCEMENT
 - e. ACI 318 - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY
 - f. ACI 347 - GUIDE TO FORMWORK FOR CONCRETE
2. CONCRETE SHALL BE AS FOLLOWS:
 - a. CONCRETE F'C PSI @ 28 DAYS
 - i. FOUNDATIONS AND FOOTINGS NORMAL WEIGHT (145 PCF) F'C = 4000 PSI

- ii. GRADE BEAMS NORMAL WEIGHT (145 PCF) F'C = 4000 PSI
 - iii. EXTERIOR SLAB ON GRADE NORMAL WEIGHT (145 PCF) F'C = 4000 PSI
 - iv. PADS FOR MEP EQUIP. NORMAL WEIGHT (145 PCF) F'C = 4000 PSI
 - v. ELEVATED SLABS, BEAMS NORMAL WEIGHT (145 PCF) F'C = 8000 PSI
3. ALL EXTERIOR EXPOSED CONCRETE SHALL BE AIR-ENTRAINED TO GIVE THE CONCRETE AN AIR CONTENT OF 6 +/- 1 1/2% BY VOLUME. WATER REDUCING PLASTICIZING ADMIXTURES MAY BE USED, PENDING APPROVAL OF THE AOR AND LA.
 4. NO CALCIUM CHLORIDE OR CHLORIDE ION PRODUCING ADD MIXTURE SHALL BE USED IN ANY CONCRETE.
 5. CONCRETE PROTECTION FOR REINFORCING BARS SHALL BE AS FOLLOWS:
 - a. FOOTINGS 3" CLEAR, SIDES AND BOTTOM
 - b. WALLS 2" CLEAR, OUTSIDE FACE, 1 1/2" CLEAR, INSIDE FACE
 - c. SLABS 1" CLEAR
 - d. PIERS 2" CLEAR TO TIES

HARDSCAPE NOTES:

1. PRIOR TO THE COMMENCEMENT OF HARDSCAPE SCOPE OF WORK, CONVENE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
2. CONFIRM ALL HARDSCAPE QUANTITIES AND DIMENSIONS.
3. STAKE AND PAINT OUT ALL STRUCTURE EXTENTS AND FOOTING LOCATIONS, WALL FACES/CURBS, STAIR LOCATIONS, CURB/FACES/BACKS AND PAVING EDGES PER PLANS FOR AOR AND LA REVIEW AND APPROVAL PRIOR TO EXCAVATION AND INSTALLATION. ADJUST ANY LAYOUT MODIFICATIONS BY AOR AND LA AT NO ADDITIONAL COST TO THE OWNER. ALL SURVEY AND LAYOUT COSTS BY CONTRACTOR.
4. ESTABLISH APPROVED LAYOUT LINES AND GRADES AND MAINTAIN THROUGH CONSTRUCTION FOR VERIFICATION BY AOR AND LA. ALL LINES TO BE STRAIGHT AND TRUE, ALL CURVES SHALL BE SMOOTH AND NON-FACETED WITH BOTH IN ACCORDANCE WITH THE PLANS AND APPROVED FIELD LAYOUT BY AOR AND LA.
5. FOR PRECISION OF LAYOUT REQUIREMENTS SEE SPECS. ALL EDGES OF HARDSCAPE ELEMENTS TO BE PAINTED AND MAINTAINED FOR AOR AND LA REVIEW AND APPROVAL PRIOR TO FORMING. ALL FORMING AND REINFORCEMENT TO BE REVIEWED AND APPROVED BY AOR AND LA PRIOR TO POURING.
6. MATCH LINE AND GRADE OF PAVEMENT, LAWN AND PLANTING AREAS TO EXISTING ADJACENT AREAS.
7. TRANSITION SMOOTHLY BETWEEN DIFFERENT SLOPES WITHOUT ABRUPT CHANGES IN SLOPE. REFER TO GRADING PLAN.
8. REFER TO SPECIFICATIONS FOR PAVEMENT REPAIR AND RESTORATION CRITERIA.
9. FOR HARDSCAPE DETAILS, SEE SHEET(S) L2-01.

SITE FURNISHINGS NOTES:

1. PRIOR TO THE COMMENCEMENT OF SITE FURNISHINGS SCOPE OF WORK, CONVENE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
2. CONFIRM ALL SITE FURNISHING QUANTITIES AND DIMENSIONS.
3. PROVIDE STAINLESS STEEL TAMPER PROOF FASTENERS UNO.

PLANTING NOTES:

1. PRIOR TO THE COMMENCEMENT OF PLANTING SCOPE OF WORK, CONVENE A PRE-CONSTRUCTION CONFERENCE WITH AOR, LA, CONTRACTOR AND ANY ASSOCIATED AND RELEVANT DESIGN TEAM MEMBERS, SUBCONTRACTORS AND AHJ TO REVIEW WORK SCOPE, SCHEDULE AND TO REVIEW Q&A BY DESIGN TEAM, AHJ AND CONTRACTORS. CONTRACTOR TO PROVIDE MINIMUM 5 BUSINESS DAY NOTICE FOR ALL MEETINGS.
2. CONFIRM ALL PLANTING QUANTITIES AND DIMENSIONS. QUANTITIES PROVIDED ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR TO VERIFY IMPLIED COVERAGE ON THE PLANTING PLANS. CONTRACTOR TO BRING ANY DISCREPANCIES TO THE ATTENTION OF THE LA AT THE TIME OF BID.
3. ALL PLANT MATERIAL TO BE INSTALLED IN CONFORMANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
4. EXISTING PARKWAY AND INTERIOR TREES/FENCING TO BE PROTECTED WHILE PROJECT IS UNDER CONSTRUCTION AND WILL BE REPLACED IF DAMAGED BY CONTRACTOR.
5. TAKE GREAT CARE NOT TO DAMAGE EXISTING OR NEW TREES OR OTHER PLANT MATERIAL DURING EXCAVATION, PLANTING AND OTHER CONSTRUCTION OPERATIONS. SEEK AOR AND LA APPROVAL TO WORK WITHIN THE DRIP LINE OF EXISTING TREES.
6. ALL PLANT MATERIAL TO BE SPECIMEN QUALITY, WELL MATCHED IN FORM, NURSERY GROWN, SOUND, HEALTHY, VIGOROUS AND FREE OF INSECTS, DISEASE AND INJURIES WITH HABIT OF GROWTH THAT IS TYPICAL FOR THE SPECIES. SIZES SHALL BE EQUAL TO OR GREATER THAN THOSE NOTED ON THE PLANT LIST(S). DO NOT PROCEED WITH PLANTING INSTALLATION UNLESS LA HAS APPROVED ALL PLANT MATERIAL. ALL B&B MATERIAL TO BE OBTAINED FROM NURSERIES WITH SIMILAR SOIL CONDITIONS AS THE PROJECT SITE.
7. PROVIDE AOR AND LA WITH PLANT LIST AND INTENDED NURSERY SUPPLIERS FOR EACH ITEM TO LA WITHIN 30 DAYS OF AWARD OF CONTRACT. ANY UNAVAILABLE PLANT MATERIAL SHOULD BE NOTED AT THAT TIME. AOR AND LA RESERVES THE RIGHT TO ASSIST IN PLANT SOURCING AS NECESSARY. PROVIDE AOR AND LA WITH SUBSTITUTION LIST IN THE EVENT PROPOSED MATERIALS ARE UNAVAILABLE PRIOR TO PROCUREMENT FOR FINAL REVIEW AND APPROVAL.
8. COORDINATE NURSERY SELECTION AND TAGGING WITH AOR AND LA. AOR AND LA RESERVES THE RIGHT TO ACCEPT OR REJECT ANY AND ALL PLANT MATERIAL AS IT RELATES TO THE REQUIREMENTS IN THE SPECIFICATIONS. AOR AND LA RESERVES THE RIGHT TO REJECT PLANT MATERIAL IF DAMAGED OR UNHEALTHY UPON ARRIVAL TO THE PROJECT SITE EVEN AFTER INITIAL APPROVAL.
9. PROVIDE IDENTIFICATION TAG FROM THE SUPPLYING NURSERY SHOWING COMMON AND BOTANICAL PLANT NAMES FOR AT LEAST ONE PLANT OF EACH UNIQUE SPECIES DELIVERED TO THE SITE.
10. PRIOR TO PLANTING INSTALLATION, VERIFY PLANTING AREAS ARE GRADED AT +/-0.1 FEET TO FINISHED GRADE.
11. FINISHED GRADE OF PLANTING AREAS TO MEET ADJACENT HARDSCAPES 2 INCHES BELOW ELEVATION OF HARDSCAPES UNO.
12. REMOVE ALL ROCK AND DEBRIS 1 INCH AND LARGER FROM PLANTING AREAS. LEGALLY DISPOSE ALL EXCESS MATERIALS RESULTING FROM THE WORK.
13. WITHIN PLANTING EXCAVATIONS, REMOVE CRUSHED AGGREGATE TO AN ADEQUATE DEPTH TO ENSURE THAT NO PART OF THE PLANT MATERIAL OR FUTURE EXTENTS OF ROOT SYSTEM IS IN CONTACT OR AFFECTED BY THE LIME OR LIMESTONE WITHIN THE AGGREGATE.
14. STAKE ALL TREES AND FLAG ALL SHRUB LOCATIONS FOR REVIEW AND APPROVAL BY AOR AND LA PRIOR TO PLANTING. PROVIDE LA WITH A MINIMUM OF 5 BUSINESS DAYS NOTICE PRIOR TO REVIEW.
15. SET ALL TREES AND SHRUBS ON TOP OF FINISHED GRADE PER APPROVED STAKED AND FLAGGED LOCATIONS FOR FACING AND FINAL APPROVAL BY AOR AND LA PRIOR TO PLANTING.
16. FOR ALL GRASSES, PERENNIALS, GROUNDCOVER AND ANNUALS, SET OUT PLANT MATERIAL ON TOP OF PROPOSED GRADE FOR AOR AND LA REVIEW PRIOR TO PLANTING IN ACCORDANCE WITH PLANTING PLANS. AOR AND LA RESERVE THE RIGHT TO MODIFY THE PLANTINGS AS NEEDED.
17. INSTALL ALL PLANT MATERIAL IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS.
18. REMOVE ALL PLANT TYING MATERIAL AND MARKING TAPES AT THE TIME OF PLANTING. LEAVE AOR AND LA NURSERY SEALS IN PLACE FOR THE DURATION OF THE SPECIFIED WARRANTY PERIOD.
19. FOR B&B MATERIAL, REMOVE TOP 1/3 OF METAL CAGE AND BURLAP FROM ROOT BALL AND PROPERLY DISPOSE. DO NOT FOLD DOWN, CAGE MUST BE REMOVED. IMMEDIATELY REPORT ANY DAMAGE TO ROOT BALLS OR PLANTS TO AOR AND LA.
20. FOR CONTAINER MATERIAL WHERE APPLICABLE LOOSEN ROOT MASS BY HAND OR IF REQUIRED BY CUTTING (4) 1 INCH DEEP VERTICAL SLITS EVENLY SPACED AROUND ROOT BALL OF PLANT PRIOR TO PLANTING. REPEAT SLITS IN X PATTERN ON BOTTOM OF ROOT MASS.
21. ROOT FLARE OF PLANTS TO BE SET MIN AT FINISHED GRADE OR NO MORE THAN 3 INCHES ABOVE FINISHED GRADE.
22. ROOT FLARE OF PLANTS INSTALLED IMMEDIATELY ADJACENT TO HARDSCAPE TO BE PLANTED NO MORE THAN 1 INCH ABOVE FINISHED GRADE TO ENSURE SMOOTH TRANSITION TO HARDSCAPE.
23. FOR PERENNIALS AND GROUNDCOVERS, PLANT 1 INCH ABOVE SOIL PROFILE TO ACCOMADE MULCH LAYER.
24. DO NOT ALLOW AIR POCKETS TO FORM IN SOIL WHILE BACKFILLING.
25. TREE STAKING AND GUYING TO BE REVIEWED WITH AOR AND LA WHEN DEEMED NECESSARY PRIOR TO INSTALLATION.
26. ALL NEWLY INSTALLED PLANT MATERIAL SHALL BEAR THE SAME RELATIONSHIP TO THE NEW GRADE AS THEY BORE TO NURSERY GRADES UNO.
27. WATER AND MAINTAIN PLANT MATERIAL WHILE BEING STORED ON SITE, IMMEDIATELY AFTER PLANTING AND UNTIL FINAL ACCEPTANCE.

28. ALL PLANTINGS BED EDGES TO HAVE A SPADED EDGE UNO. BOTTOM OF SPADED EDGE TO BE 2 INCHES BELOW THATCH OR ADJACENT HARDSCAPE SURFACE.
29. PROVIDE 2 INCH (AFTER SETTLEMENT) OF MULCH OVER ALL PLANTING BEDS UPON COMPLETION OF PLANTING OPERATIONS. MULCH TO BE A 50/50 BLEND OF ¼ INCH SHREDED HARDWOOD BARK FINES AND ¼ INCH PINE BARK FINES UNO.
30. PRUNE AND MAINTAIN ALL PLANTINGS IN SITE TRIANGLES TO A HEIGHT BELOW 30 INCHES OR ABOVE 7 FEET AS REVIEWED AND APPROVED BY AOR AND LA.
31. SOD IS TO BE CUT WITH 1 INCH OF SOIL UNO.
32. DO NOT ALLOW SOD TO BE ROLLED UP FOR A PERIOD LONGER THAN 12 CONSECUTIVE HOURS.
33. AOR AND LA TO APPROVE FINE GRADING OF LAWN SOIL PRIOR TO SOD INSTALLATION.
34. SCARIFY LAWN SOIL 1/2 INCH PRIOR TO INSTALLATION AND APPROVED BY LA.
35. ALTERNATE SOD SEAMS TO ELIMINATE CONTINUOUS SEAMS, OVERLAPPING ADJACENT SOD PANEL BY ½ FOR SMALL ROLL SOD.
36. INSTALL AND MAINTAIN SOD TO ELIMINATE LUMPS IN SURFACE AND SEAMS.
37. SOD TO MEET ALL ADJACENT HARDSCAPE SURFACES FLUSH WITH TOP OF THATCH LAYER.
38. ROLL SOD WITH APPROPRIATELY SIZED ROLLER TO PROVIDE PROPER SOD TO SOIL INTERFACE.
39. COMPLETELY WATER IN SOD DEEPLY IMMEDIATELY AFTER ROLLING.
40. PROTECT SEEDED AREAS AND SLOPES AGAINST EROSION AND SEED LOSS DUE TO BIRDS AND OTHER WILDLIFE BY APPLYING SHORT TERM, BIODEGRADABLE EROSION CONTROL BLANKETS, MATS, AND/OR NETTING AFTER COMPLETION OF SEEDING OPERATIONS. ADHERE TO MANUFACTURER'S REQUIREMENTS FOR REQUIRED PLACEMENT AND STAKING.
41. PRUNING OPERATIONS SHOULD FOLLOW APPLICABLE ANSI STANDARDS UNO. UPON COMPLETION OF WORK UNDER THIS CONTRACT, PRUNE AND REPAIR INJURIES TO ALL PLANTS. LIMIT AMOUNT OF PRUNING TO MINIMUM NECESSARY TO REMOVE INJURED OR DAMAGED BRANCHES, TWIGS AND STEMS AND TO COMPENSATE FOR THE LOSS OF ROOTS AS A RESULT OF TRANSPLANTING OPERATIONS. PRUNE IN SUCH A MANNER AS NOT TO CHANGE NATURAL HABIT OR SHAPE UNO. ALL HEDGE PRUNING TO BE COMPLETED UNDER THE REVIEW BY AOR AND LA.
42. DURING PUNCH LIST REVIEW, COORDINATE WITH AOR AND LA TO REVIEW AESTHETIC PRUNING NEEDS FOR ALL PLANTS. AOR AND LA TO MARK (WITH YELLOW RIBBON) OR SELF CONDUCT AESTHETIC PRUNING WITH CONTRACTOR AS PART OF THE SUBSTANTIAL COMPLETION REVIEW.
43. WARRANTY ALL PLANT MATERIAL FOR A MIN PERIOD OF 1 YEAR FROM FINAL ACCEPTANCE UNO IN THE SPECIFICATIONS. REMOVE AND REPLACE PLANTS AS DETERMINED BY LA TO BE SIGNIFICANTLY UNHEALTHY OR DEAD PER THE CRITERIA SET FORTH IN THE SPECS. CONDUCT REPLACEMENTS DURING THE APPROPRIATE PLANTING SEASON AS DETERMINED BY THE LOCAL CLIMATE AND INDUSTRY STANDARDS. REPLACEMENTS SHOULD CONFORM TO THE CRITERIA SHOWN AND SPECIFIED. SEE SPECS FOR ALL MAINTENANCE REQUIREMENTS, SIZE, CHARACTER AND FORM OF ALL REPLACEMENTS TO BE SIMILAR TO THE ORIGINAL APPROVED MATERIAL AND APPROVED BY THE AOR AND LA.
44. ALL PLANT MATERIAL IS SHOWN AS ANTICIPATED SIZE AT INSTALLATION. PLANT GROWTH VARIES BY SPECIES AND YEARLY CLIMATIC CONDITIONS.
45. FOR PLANTING DETAILS, SEE SHEET(S) L2-01.



Tinley Park Fairfield Glen Restoration

LaPorte Rd & 88th Ave.
Tinley Park, IL 60487



site design group, llc.

888 South Michigan Avenue #1000, Chicago, IL 60605
p. 312.427.7240 • www.site-design.com

Landscape Architect



ecology*vision, llc

P.O. Box 691, Lemont, IL 60531
p. 615.981.8203 • www.ecologyllc.com

Ecologist

ISSUANCES

Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No : 8322

Drawn : JT File : 8322_note.dwg

Checked : MM Scale : AS NOTED

Approved : BM

Sheet Title:

GENERAL NOTES

Drawing Number:

G0-01



Tinley Park Fairfield Glen Restoration

LaPorte Rd & 88th Ave.
Tinley Park, IL 60487



site design group, llc.
888 South Michigan Avenue #1000, Chicago, IL 60605
p. 312.427.7242 w. www.site-design.com

Landscape Architect



ecology+vision, llc
P.O. Box 601, Leland, IL 60531
p. 615.581.8003 w. www.ecologyllc.com

Ecologist

ISSUANCES

Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No :	8322
Drawn :	JT File : 8322_site.dwg
Checked :	MM Scale : AS NOTED
Approved :	BM

Sheet Title:
**TREATMENT PLAN
HERBACEOUS CLEARING**

Drawing Number:

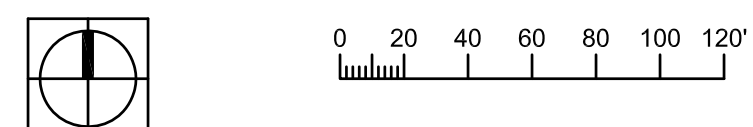
R2-01

LEGEND

- PROPERTY LINE
- LIGHT TO MODERATE HERBACEOUS CLEARING
Areas with dense native vegetation and lower weed content. Without damaging the existing native vegetation, target species shall be selectively spot-sprayed or hand-wicked prior to planting. Follow-up treatment will be required for successful eradication. Upon completion of herbaceous clearing, mow existing vegetation to a height of six inches (6") prior to seeding.
- HEAVY HERBACEOUS CLEARING
Areas with sparse native vegetation and high weed content. Existing vegetation shall be treated with a non-selective herbicide. Follow-up treatment will be required for successful eradication. Upon completion of herbaceous clearing, eliminate dead biomass and scarify the soil prior to seeding.
- HERBACEOUS CLEARING ALTERNATE AREA "1"



1 HERBACEOUS CLEARING PLAN
1" = 60'-0"





Tinley Park Fairfield Glen Restoration

LaPorte Rd & 88th Ave.
Tinley Park, IL 60487



site design group, ltd.
888 South Michigan Avenue #1000, Chicago, IL 60605
p. 312.427.7260 w. www.site-design.com

Landscape Architect

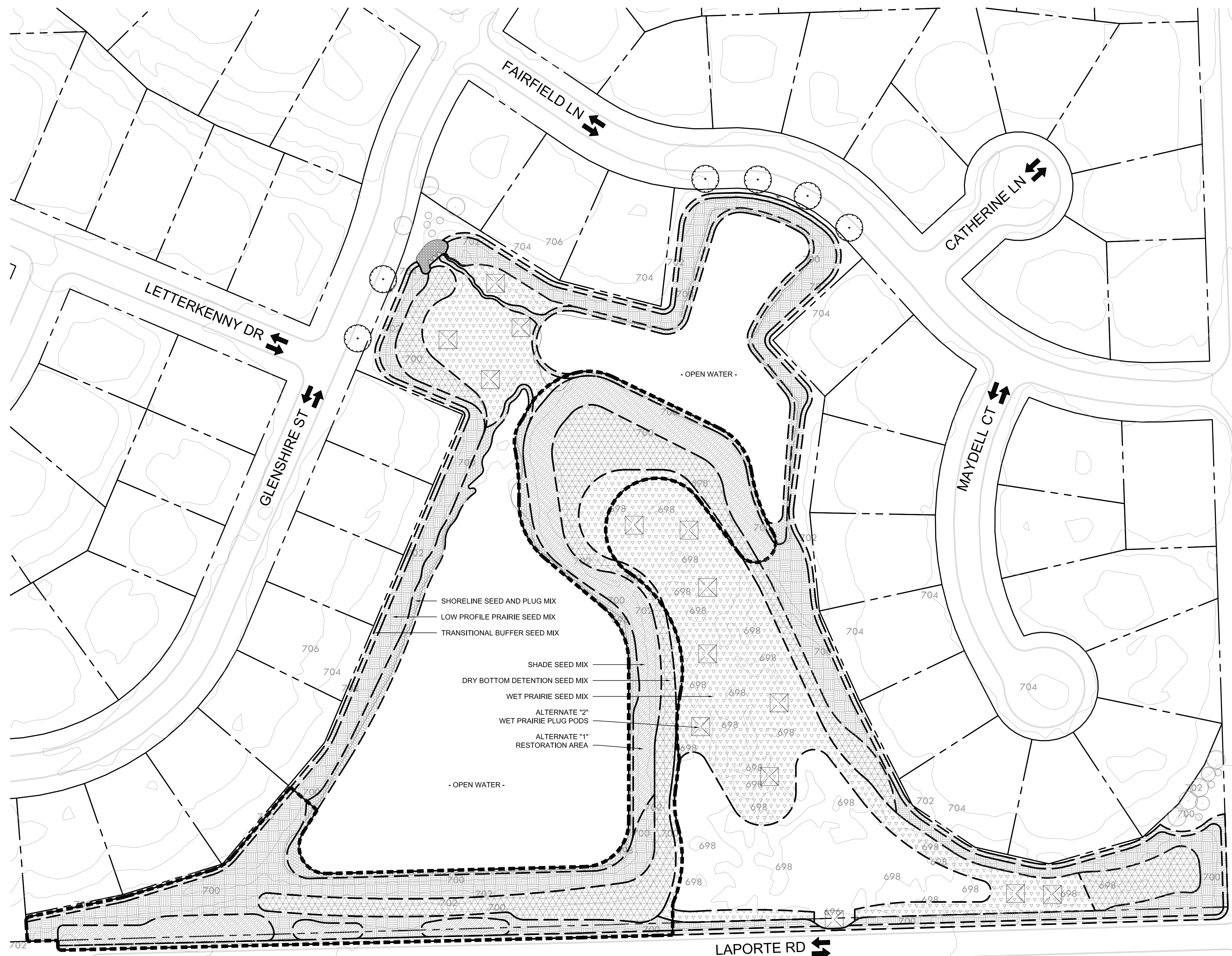


ecology+vision, llc
P.O. Box 601, Leland, IL 60531
p. 615.981.8003 w. www.ecologyllc.com

Ecologist

LEGEND

- PROPERTY LINE
- TRANSITIONAL BUFFER SEED MIX
- LOW PROFILE PRAIRIE SEED MIX
- DRY BOTTOM DETENTION SEED MIX
- WET PRAIRIE SEED MIX
- SHORELINE SEED AND PLUG MIX
- SHADE SEED MIX
- ALTERNATE "1" RESTORATION AREA
- ALTERNATE "2" WET PRAIRIE PLUG PODS



- SHORELINE SEED AND PLUG MIX
- LOW PROFILE PRAIRIE SEED MIX
- TRANSITIONAL BUFFER SEED MIX
- SHADE SEED MIX
- DRY BOTTOM DETENTION SEED MIX
- WET PRAIRIE SEED MIX
- ALTERNATE "2" WET PRAIRIE PLUG PODS
- ALTERNATE "1" RESTORATION AREA

ISSUANCES

Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

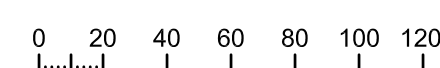
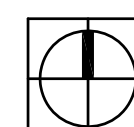
Project No : 8322
 Drawn : JT File : 8322_site.dwg
 Checked : MM Scale : AS NOTED
 Approved : BM

Sheet Title:
RESTORATION PLAN

Drawing Number:

R3-00

1 RESTORATION PLAN
 1" = 60'-0"



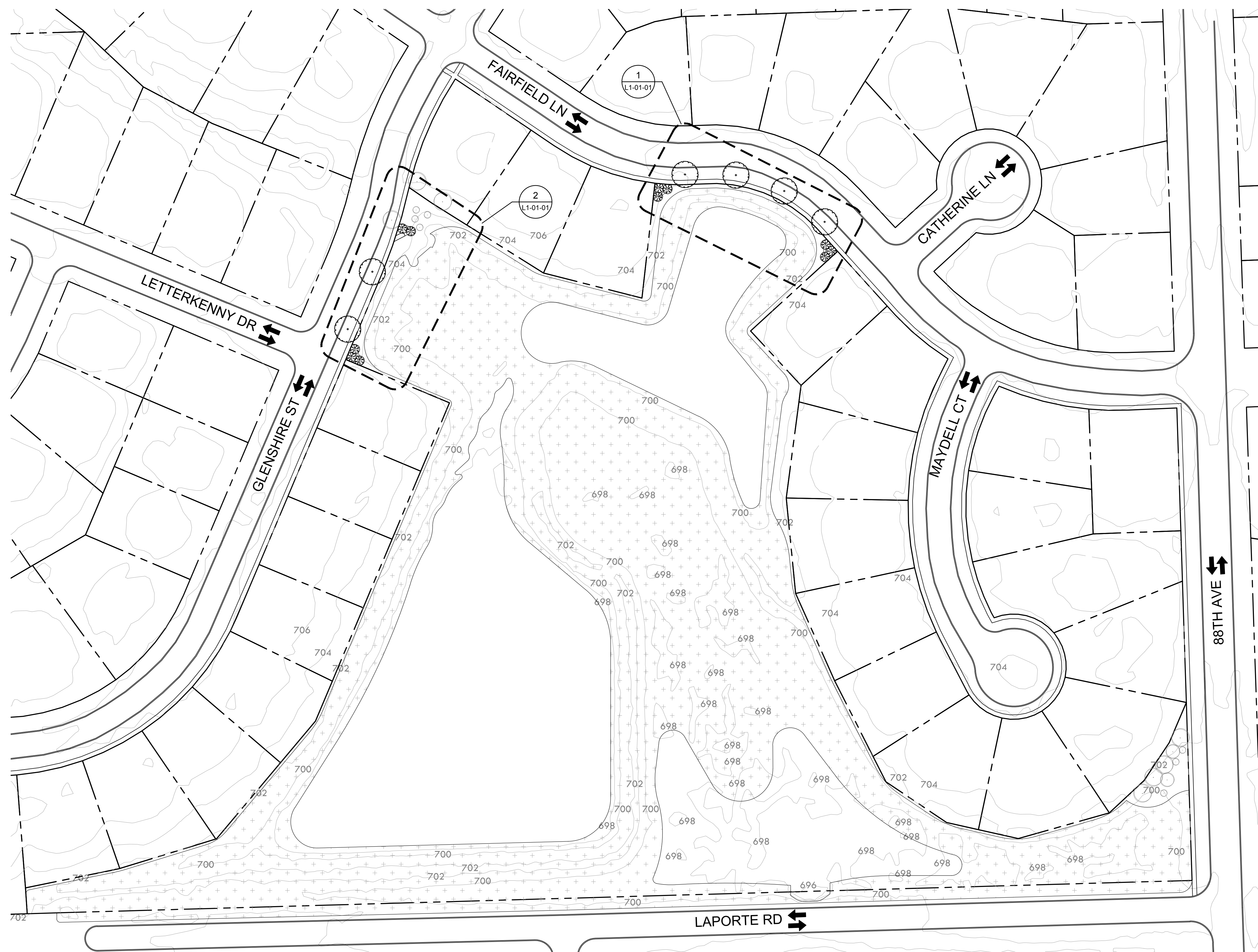


Tinley Park Fairfield Glen Restoration

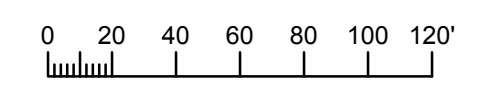
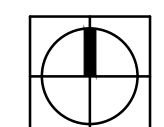
LaPorte Rd & 88th Ave.
Tinley Park, IL 60487

site landscape architecture urban design
 site design group, ltd.
 888 South Michigan Avenue #1000, Chicago, IL 60605
 p. 312.427.7240 w. www.site-design.com
 Landscape Architect

ecology
 ecology+vision, llc
 P.O. Box 691, Leand, IL 60521
 p. 815.981.8003 w. www.ecologyllc.com
 Ecologist



1 OVERALL LANDSCAPE PLAN
 1" = 60'-0"



ISSUANCES

Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No : 8322
 Drawn : JT File : 8322_land.dwg
 Checked : MM Scale : AS NOTED
 Approved : BM

Sheet Title:
OVERALL LANDSCAPE PLAN

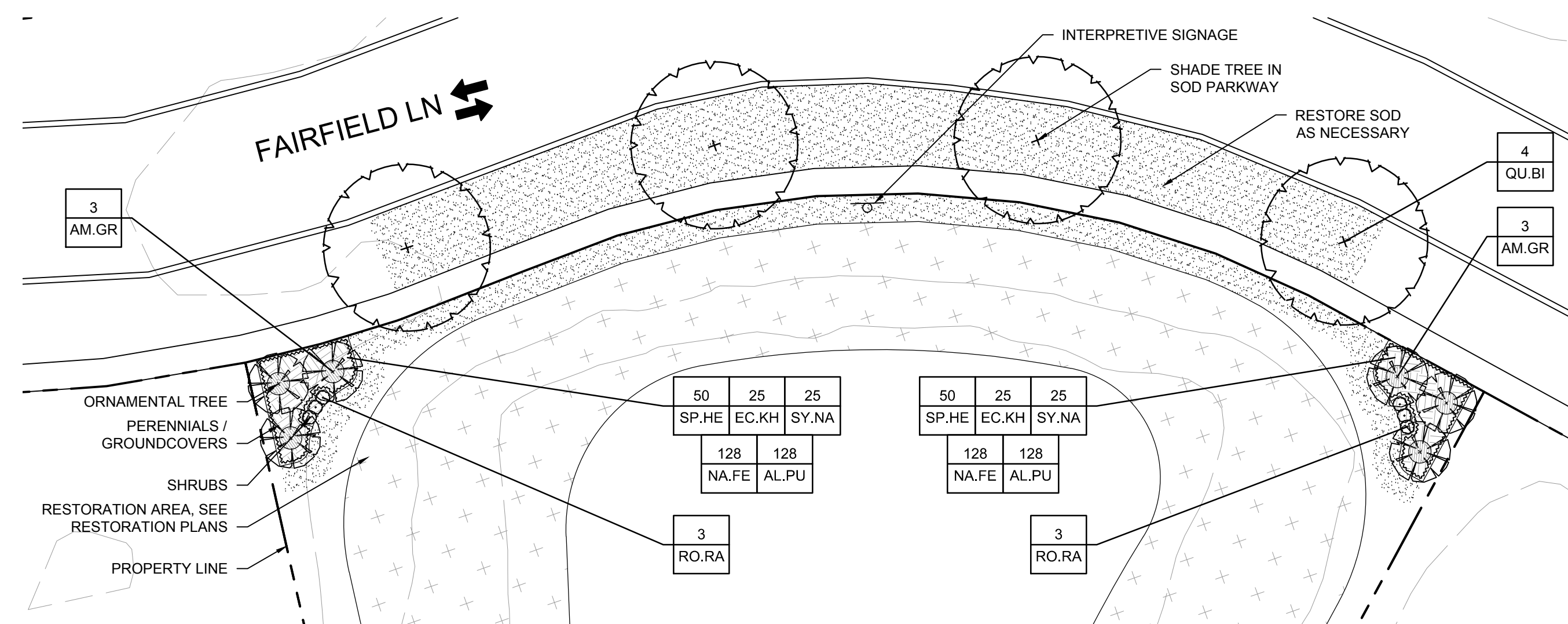
Drawing Number:

L1-01



Tinley Park Fairfield Glen Restoration

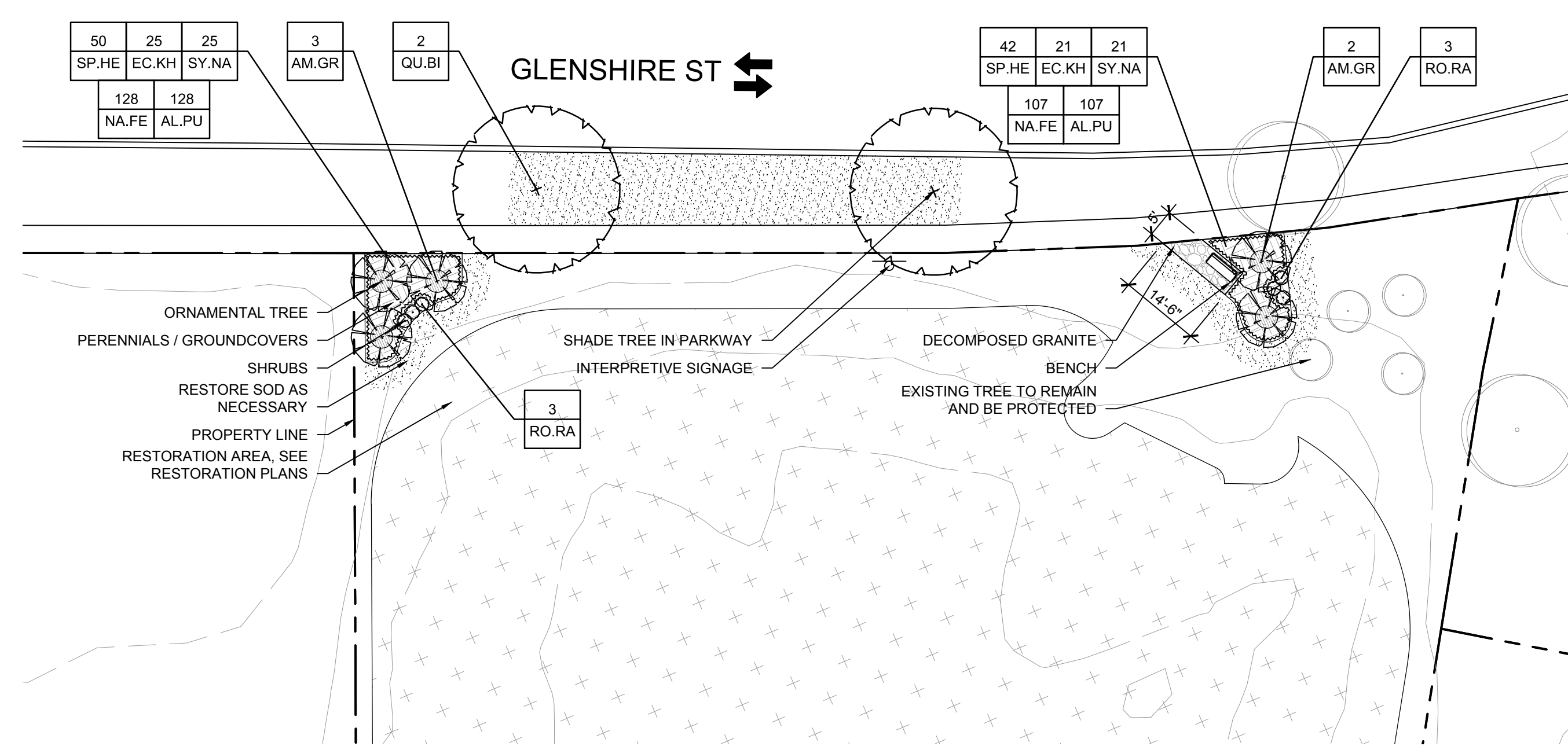
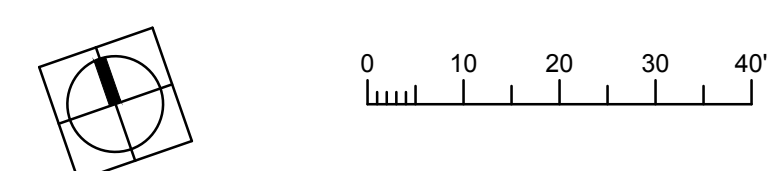
LaPorte Rd & 88th Ave.
Tinley Park, IL 60487



LEGEND

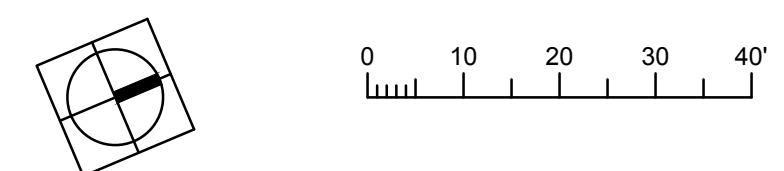
- PROPERTY LINE
- [Pattern] STABILIZED DECOMPOSED GRANITE
- [Pattern] PERENNIALS / GROUNDCOVERS
- [Pattern] SOD
- EXISTING TREE
- SHADE TREE
- ORNAMENTAL TREE
- SHRUBS
- ▭ BENCH
- INTERPRETIVE SIGN

1 LANDSCAPE PLAN ENLARGEMENT
1" = 20'-0"



PLANT SCHEDULE						
CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	REMARKS
SHADE TREES						
QU.BI	6	<i>Quercus bicolor</i>	Swamp White Oak	B&B	2.5" cal	matching heads
ORNAMENTAL TREES						
AM.GR	11	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance Serviceberry	B&B	8' ht	multi-stem
SHRUBS						
RO.RA	12	<i>Rosa</i> 'RadWhite'	White Knockout Rose	pot	#3	per plan
PERENNIALS						
EC.KH	96	<i>Echinacea</i> 'Kim's Knee High'	Kims Knee High Coneflower	pot	#1	18" o.c.
SP.HE	192	<i>Sporobolus heterolepis</i> 'Tara'	Tara Prairie Dropseed	pot	#1	18" o.c.
SY.NA	96	<i>Symphotrichum novae-angliae</i> 'Purple Dome'	Purple Dome Aster	pot	#1	18" o.c.
BULBS						
AL.PU	491	<i>Allium</i> 'Purple Sensation'	Purple Sensation Allium	bulb	12 cm	8" o.c.; plant in drifts
NA.FE	491	<i>Narcissus</i> '3D' Blend	3D Blend Daffodil	bulb	13 cm	8" o.c.; plant in drifts

2 LANDSCAPE PLAN ENLARGEMENT
1" = 20'-0"



ISSUANCES

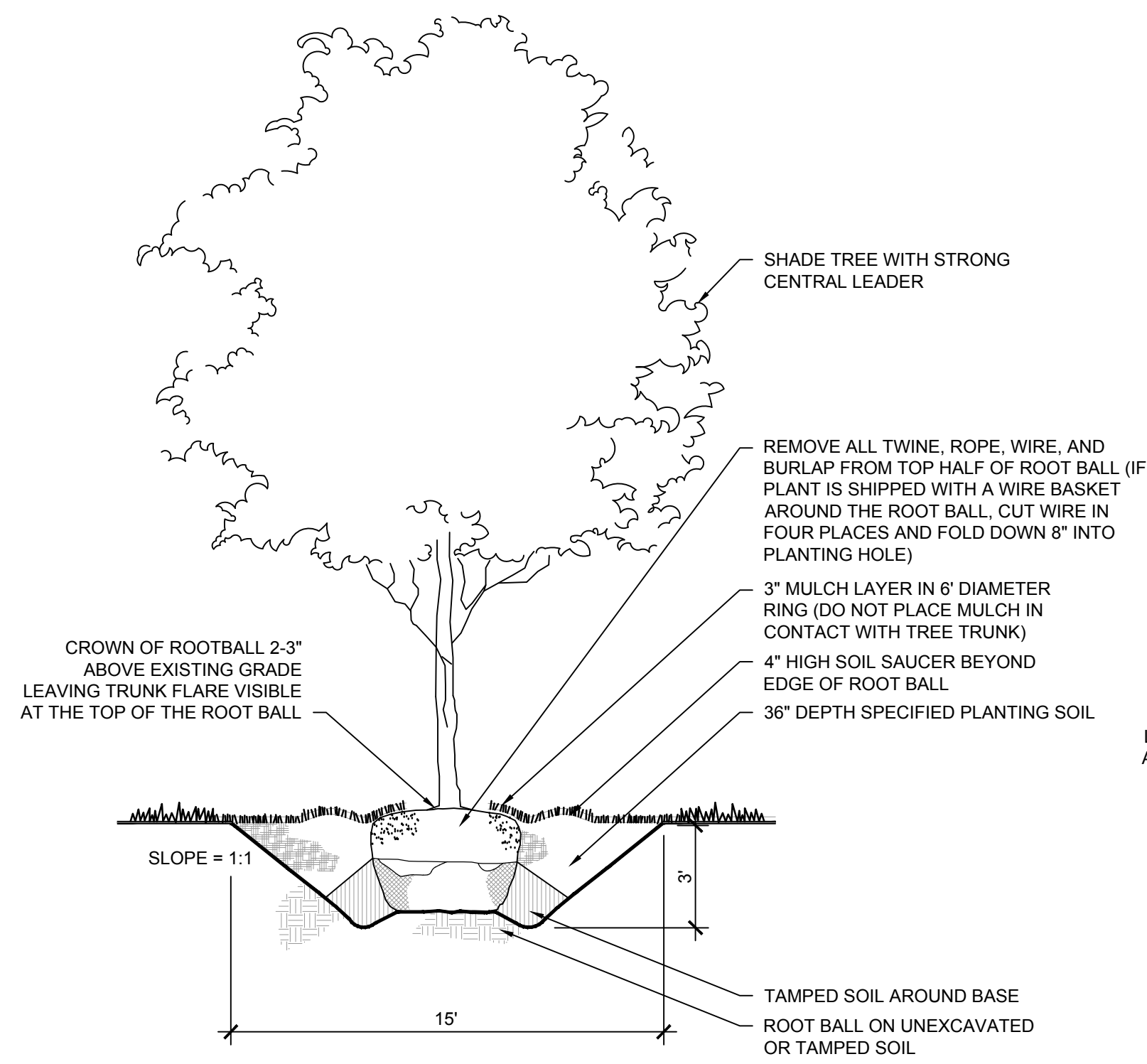
Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No : 8322
 Drawn : JT File : 8322_land.dwg
 Checked : MM Scale : AS NOTED
 Approved : BM

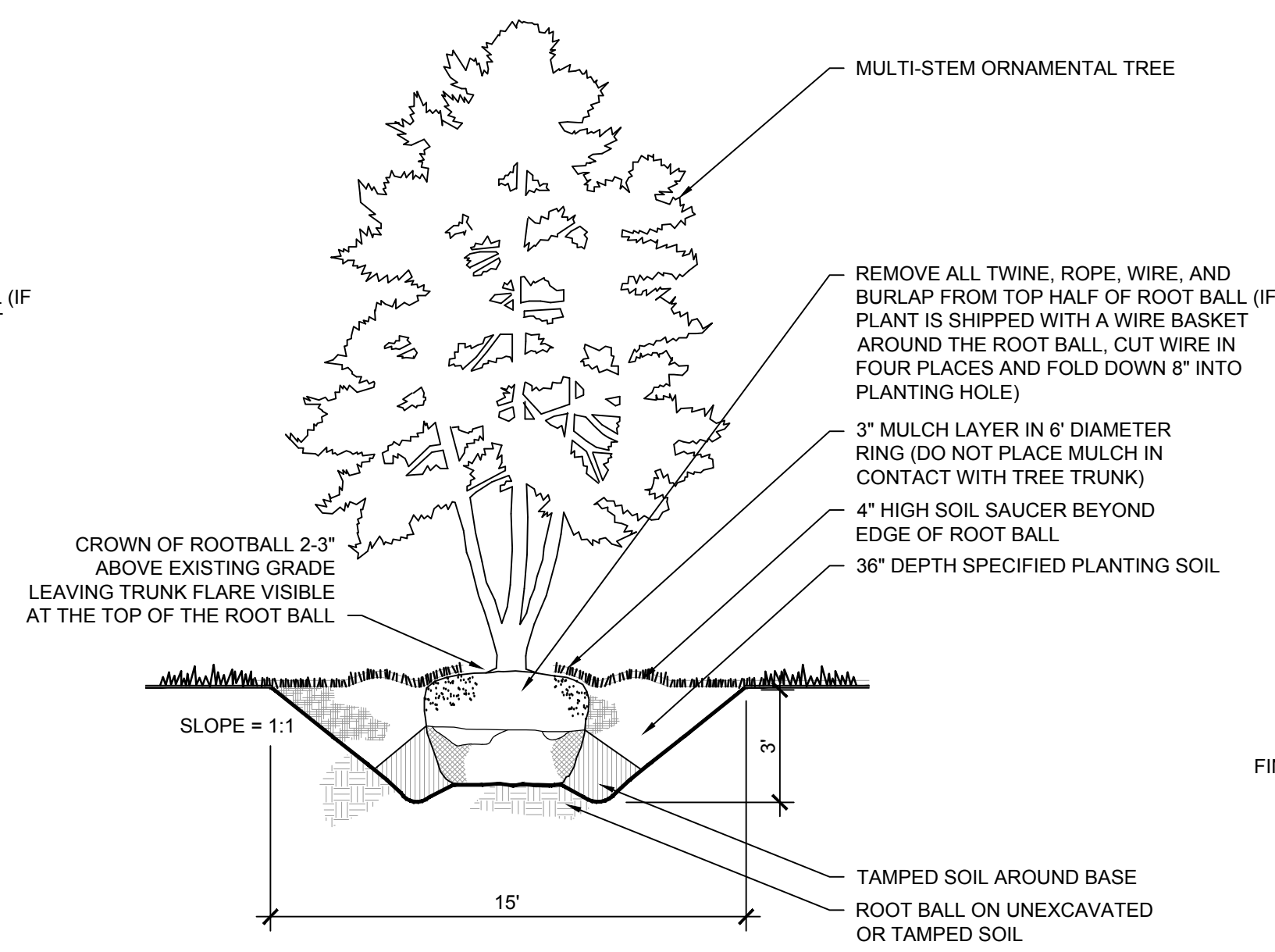
LANDSCAPE PLAN ENLARGEMENTS

Drawing Number:

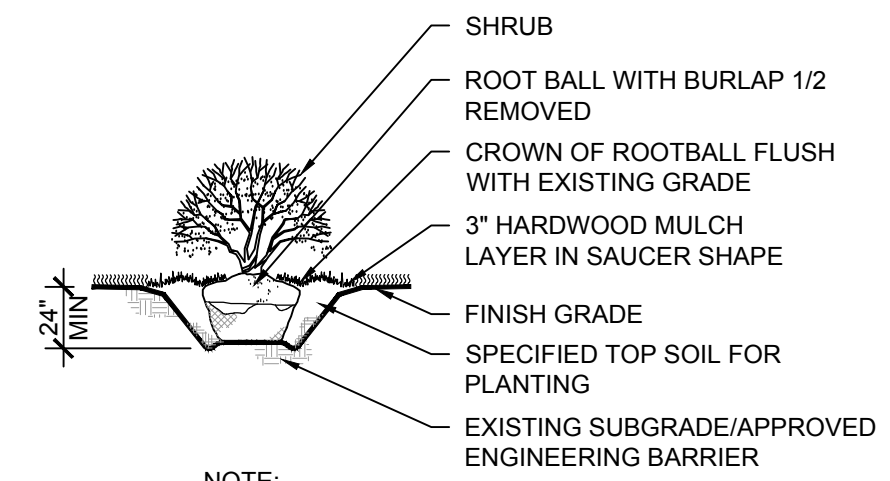
L1-01-01



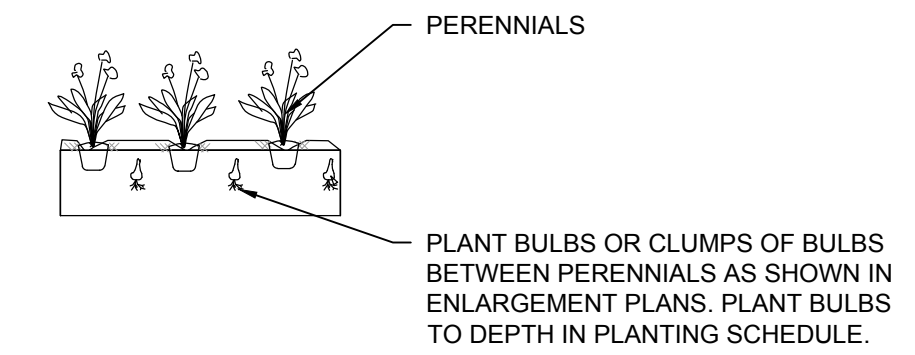
1 **SHADE TREE PLANTING SECTION**
NOT TO SCALE



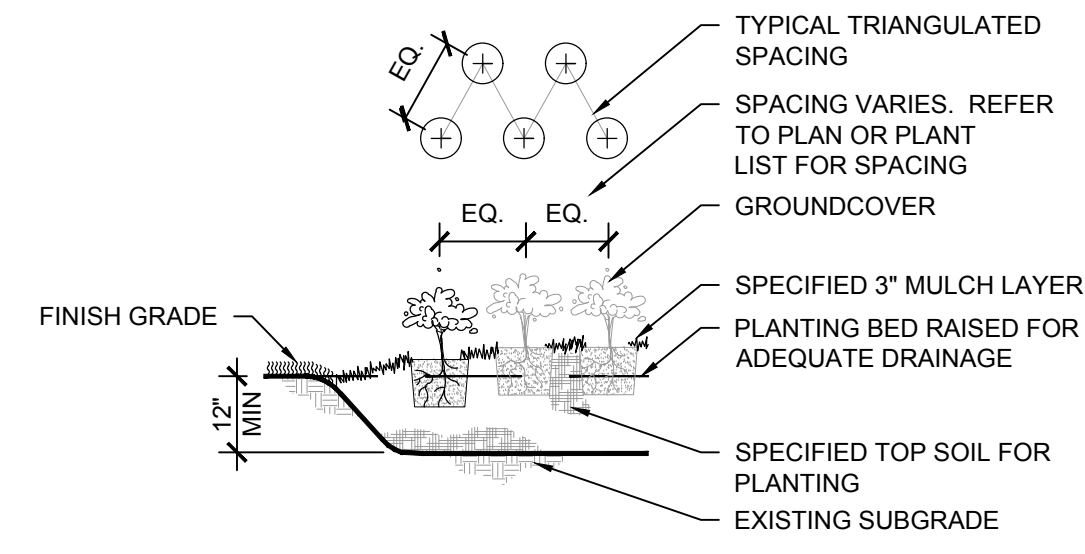
2 **ORNAMENTAL TREE PLANTING SECTION**
NOT TO SCALE



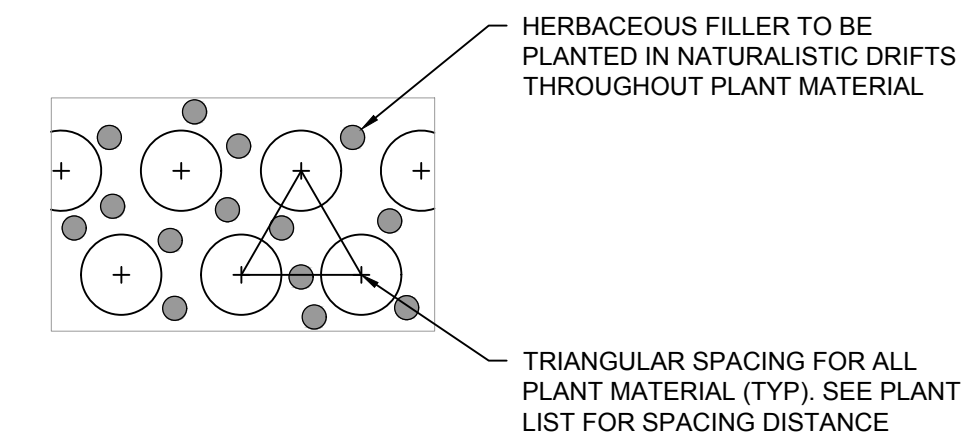
3 **SHRUB PLANTING SECTION**
NOT TO SCALE



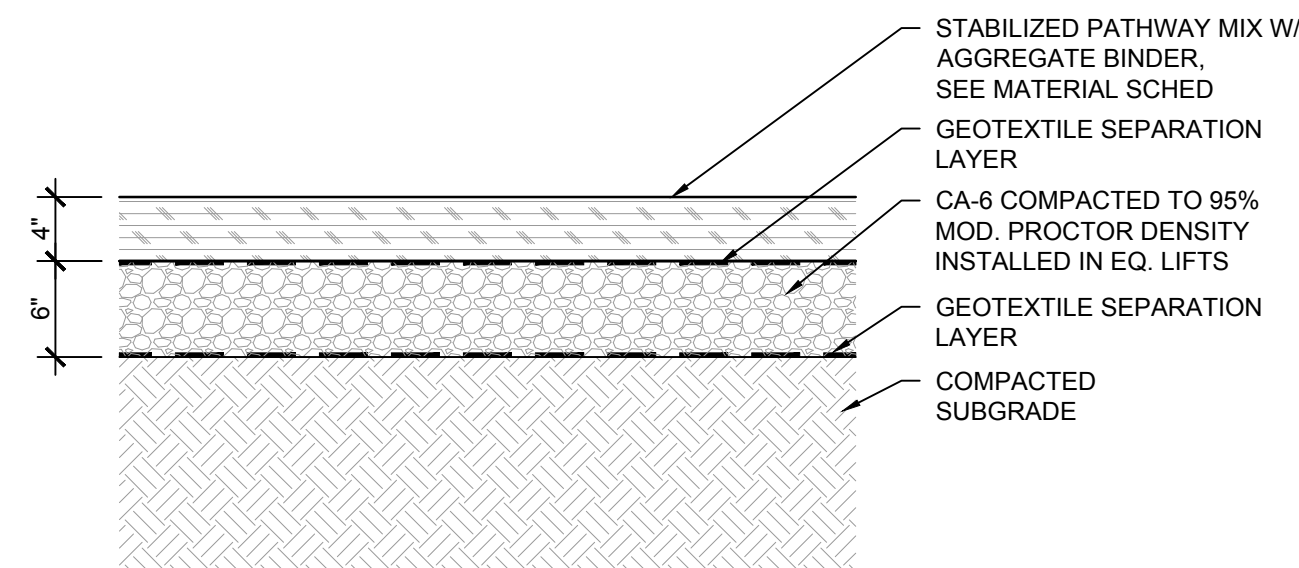
5 **BULB INSTALLATION DETAIL**
NOT TO SCALE



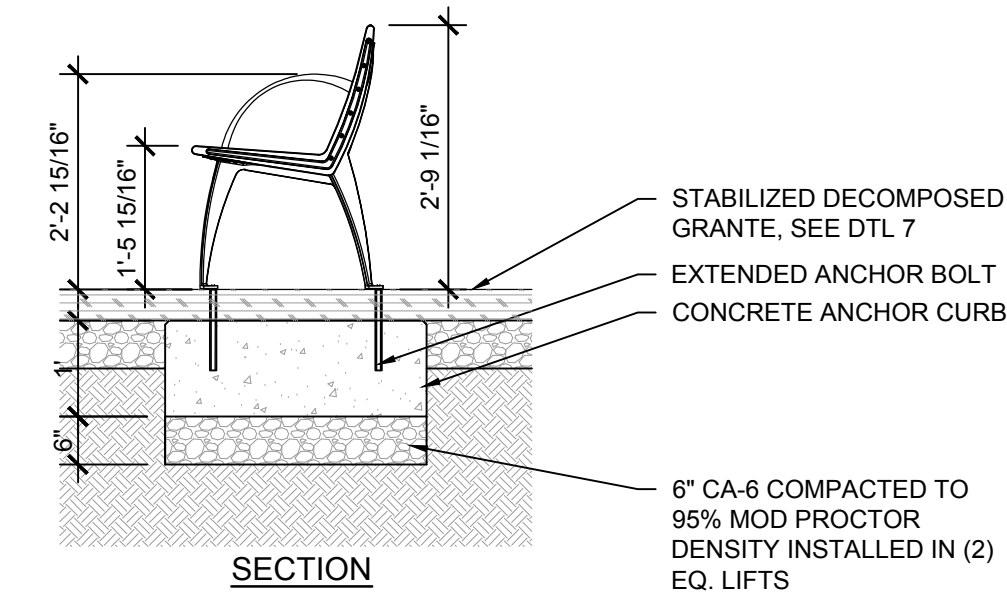
4 **PERENNIAL PLANTING SECTION**
NOT TO SCALE



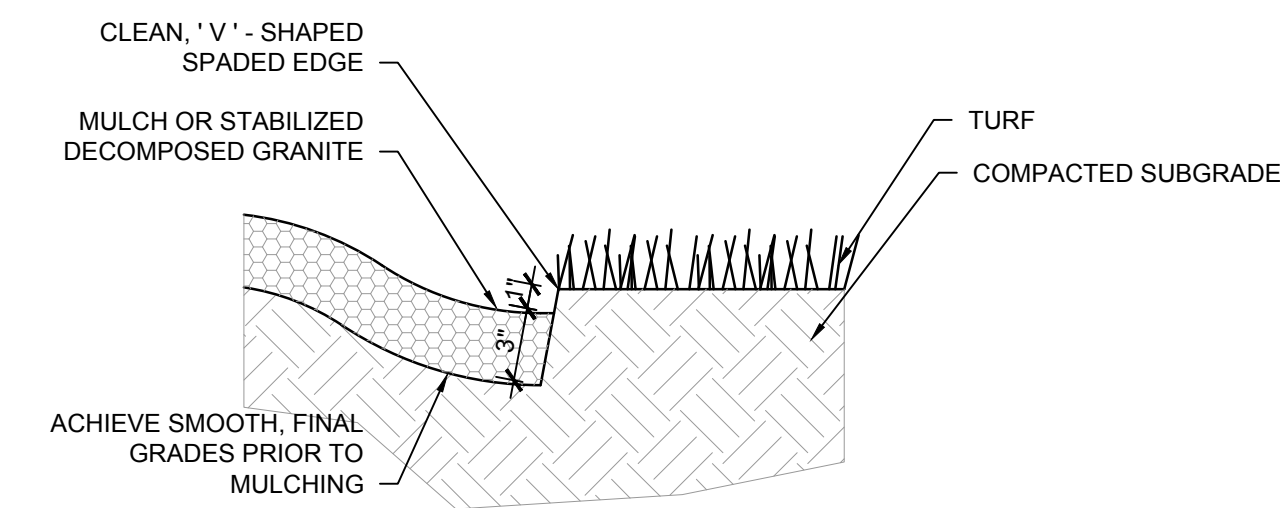
6 **INTERPLANTING DETAIL**
NOT TO SCALE



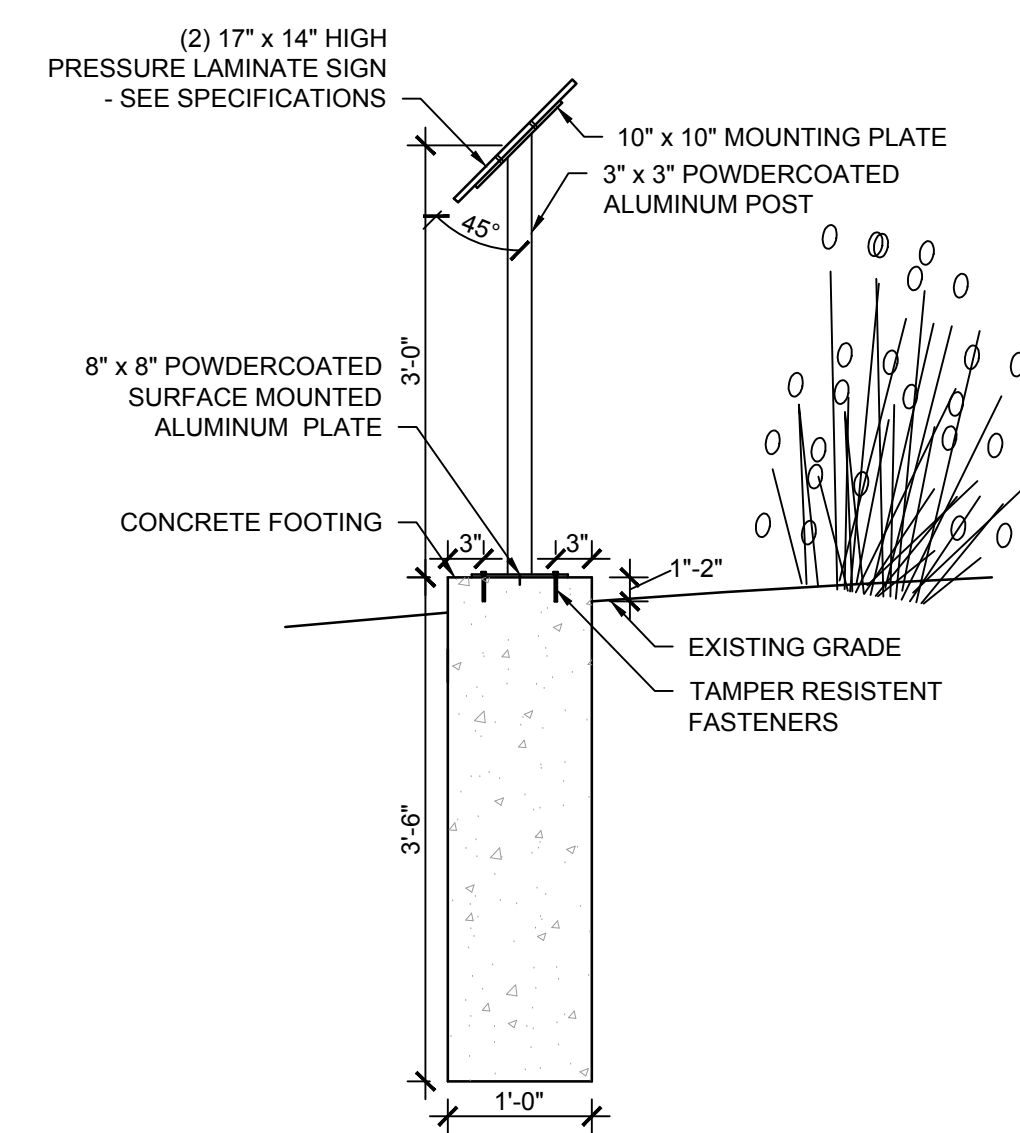
7 **PEDESTRIAN STABILIZED DECOMPOSED AGGREGATE**
1" = 1'-0"



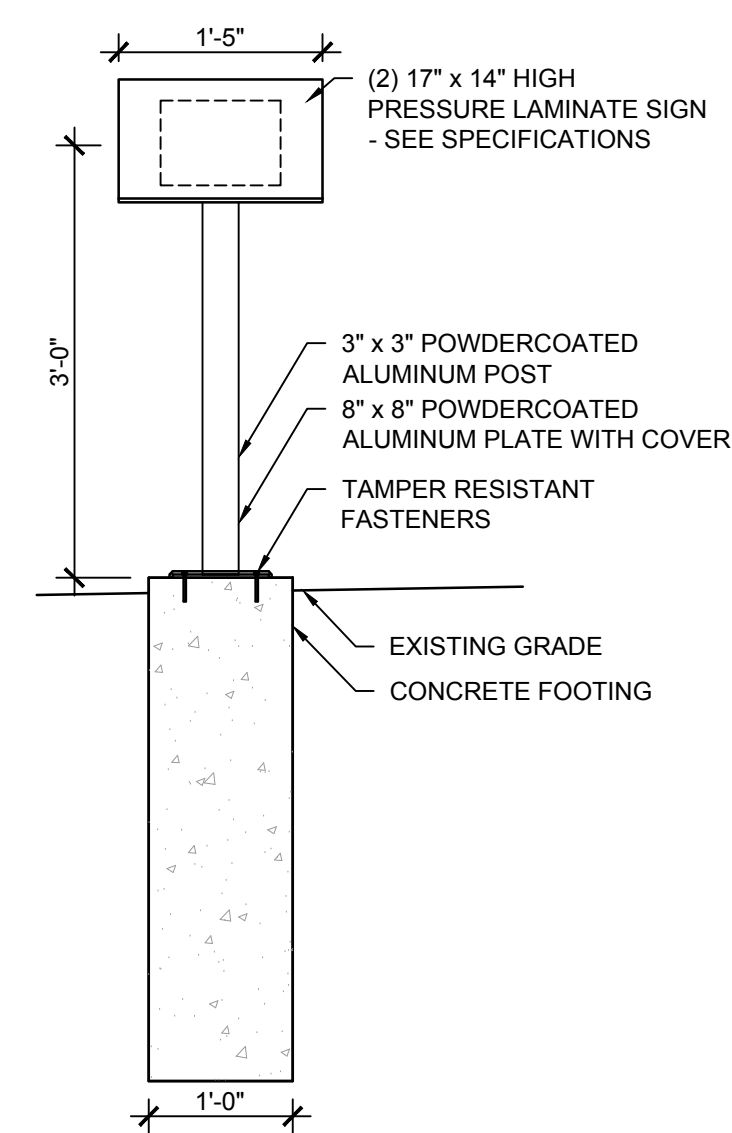
9 **6\"/>**



8 **SPADED EDGE DETAIL**
1-1/2" = 1'-0"



10 **INTERPRETIVE SIGN DETAIL**
3/4" = 1'-0"



Tinley Park Fairfield Glen Restoration

LaPorte Rd & 88th Ave.
Tinley Park, IL 60487



ISSUANCES

Rev. #	Description	Date Issued
00	Issued For Bid	02/05/2019

Project No : 8322
 Drawn : JT File : 8322_detail_plnt.dwg
 Checked : MM Scale : AS NOTED
 Approved : BM

Sheet Title:
LANDSCAPE DETAILS

Drawing Number:

L2-01

ADDENDUM NO. 1

Fairfield Glen Restoration
2019-RFP-006
Tinley Park, Illinois 60477

February 20, 2019

This addendum forms part of the Contract Documents for the above named project and contains the following:

1) Questions and Answers

- a. Question 1: Are there project cost estimates available?
 - i. Answer 1: The Village does not have detailed cost estimates to share at this time.

- b. Question 2: Is prevailing wage required?
 - i. Answer 2: According to the information found on the IL Department of Labor Website here:
<https://www2.illinois.gov/idol/faqs/pages/landscaping.aspx#gst1>
Our interpretation is that this project falls under the category of landscape improvements. Any new landscape construction work done as part of a new project would not be included in this contract.

- c. Question 3: The plans show work beyond the south property line. Is this required?
 - i. Answer 3: The area beyond the south property line is parkway within the LaPorte Rd ROW, which is still under the jurisdiction of the Village of Tinley Park. This work is required.

- d. Question 4: Can you please identify the approved access points to the site?
 - i. Answer 4: The LaPorte Rd side of the project site west of Wildflower Dr provides the easiest access due to that section of roadway being a dead end. When necessary, access from Fairfield Ln or Glenshire St is also an option.

- e. Question 5: Are burn piles acceptable?
 - i. Answer 5: Yes, but they should be kept towards the interior of the site as much as possible.

- f. Question 6: Is there an anticipated schedule when the work needs to be completed?
 - i. Answer 6: There is no set schedule, but we would anticipate that the plant installations be completed by the end of the 2019 growing season.

- g. Question 7: Is a proposal guaranty required? If so, what percentage?
 - i. Answer 7: Yes, the conditions are as follows:
BID SECURITY
 A certified check or bid bond on a solvent bank, payable without condition to the Village of Tinley Park in an amount not less than ten percent (10%) of the base bid shall be submitted with each proposal, as a guarantee that, if the proposal is accepted, a contract will be entered into and the performance of the contract is properly secured.

The Bid Security of the successful Respondent shall be returned to them immediately after the execution of the Agreement and upon delivery to the Owner of all requested bonds or certificates.

The Bid Security of all unsuccessful Respondents shall be returned to them, after the Bid opening, as soon as is practicable.

In submitting a Proposal, the Respondent understands and agrees that if their Proposal is accepted, and if Respondent fails to enter into an Agreement with the Owner, Respondent shall forfeit their Bid Security paid to the Owner, not as a penalty, but as liquidated damages due to such failure.

- h. Question 8: How are the encroachment issues from neighboring residents to be handled?
 - i. Answer 8: There are a variety of different conditions, so these will need to be addressed on a case by case basis. The Village has asked residents to remove their own materials that they would like to keep, and we do not anticipate removing all of the items as part of the work in this project. In some cases we may just work around the existing conditions.
 - i. Question 9: Are the seed and plug vendors listed in the RFP the only vendors we can use or are they just suggestions
 - i. Answer 9: Those are just the pre-approved vendors. Proposed alternatives will be reviewed for approval by the Village.
 - j. Question 10: There is an area just off of Laporte Rd that is listed as open water on the plans and no treatment is indicated on this area. When visiting the site, it looked like this area was full of cattail. Are we to bid this project to leave the area as cattail or should we bid it to remove the cattail?
 - i. Answer 10: That area is intended to be left as cattails.
 - k. Question 11: Who is responsible for monitoring and reporting?
 - i. Answer 11: The Village and/or their assigned representatives will handle monitoring and reporting.
- 2) Clarifications
- a. Clarification 1: There is conflicting information about the size of the interpretive signage. The correct size is 14" x 17".
- 3) Changes to RFP Documents
- a. Change 1: Page 32 31 38 - 3 has been updated to reflect Clarification 1, and has been included as part of this addendum.

END OF ADDENDUM 1

PART 2 - PRODUCTS**2.1 MANUFACTURERS**

- A. Genesis Graphics, Inc. 1823 7th Av. N. Escanaba, Michigan 49829 ph. 800-659-7734 fax. 906-786-0614 Locally Represented by Joan Ball, Genesis Graphics, Inc. 1823 7th Avenue North Escanaba, MI 49829 tel. 1-800-659-7734
- B. Acceptable others
 - 1. KVO Industries, Inc. | 1825 Empire Industrial Ct. Suite A | Santa Rosa CA 95403
P 707 573 6868 | F 707 573 6888
 - 2. The Plastic Lumber Company, Inc.; 540 South Main Street, Building 7; Akron, Ohio 44311-1023. Telephone: 330-762-8989. Fax: 330-762-1613. Email: sales@plasticlumber.com. Websites: www.plasticlumber.com and www.simplesigns.com.

2.2 MATERIALS

- A. High Pressure Laminate (dHPL)
 - 1. Graphic imaging surface paper impregnated with melamine resins and combined with kraft paper core sheets impregnated with phenolic resins. These sheets are then bonded under high pressure and temperature. Finished sheets are then cut and edge finished.
 - 2. Maximum sheet size is 5X12 ft. with maximum image size of 58X142 in.
 - a. Thicknesses: 1/2 in.
 - b. Sign Size: 14" x 17" x 1/2" with threaded inserts for mounting.
 - c. Corners: Radius of 1/2"
- B. Heavy Gauged Aluminum Post
 - 1. 3" x 3" x 60" aluminum post with 6" x 6" plate. 6" x 6" plate shall be mounted at 45 deg angle to post.
 - 2. Powdercoated black.
- C. Fasteners
 - 1. Bolts shall be black, tamper resistant.

2.3 Concrete footing

- A. Provide 3000 PSI air entrained ready-mixed concrete conforming to ASTM C-94-, maximum 3" slump.

2.4 FABRICATION

- A. Custom Architectural Signs: Fabricate to design provided by AOR.
 - 1. Digital files shall be supplied from AOR that indicate: Size, Sign Message, Letter Height and color.



Interoffice

Memo

Date: March 5, 2019

To: Kevin Workowski, Public Works Director

From: Kelly Mulqueeny, Street Superintendent

Subject: Contract Award for Mowing 2019

Presented for March 19th, 2019 Village Board Meeting Agenda for consideration and possible action:

Description: Public Works, in its role of maintaining village-owned properties seeks the services of a capable Contractor to coordinate and deliver mowing services at certain Village owned locations. The Contractor shall perform the following general services:

- **Lawn Maintenance:** Provide lawn care including mowing and edging for all areas as detailed in the bid breakdown.
- **Paved Area Weed Control:** Provide weed control services on select paved areas, and other related work in areas listed in the detailed bid breakdown.
- **Regular Work Reporting:** On a weekly basis, provide daily work logs that include the locations where work was completed, and the dates and the types of work done. On a monthly basis, provide a general summary of the work completed, any pest or disease issues or other concerns noted in regular site visits and field inspections.
- **On Demand Lawn Maintenance:** When directed by the Street Superintendent or approved representative, perform mowing and maintenance services at non-regular mowing sites as requested.

Background:

This bid was advertised on February 20th, 2019 in accordance with state bidding laws; five (5) bids were received by the deadline on Tuesday March 5, 2019, at 11:55 AM, and recorded by the Village Clerk's office.

Recommendation:

Proposals were submitted by Beverly Environmental, LLC (Beverly), Ridge Landscape Services (Ridge), Christy Webber Landscapes (Christy Webber), Beary Landscaping, Inc. (Beary) and Quarry Cartage, Inc. (Quarry Cartage). Quarry Cartage was the lowest but withdrew their bid. The second lowest responsible bidder was Ridge Landscape Services.

Ridge Landscape has preformed this service for the Village in the past and was reliable and professional.

<u>Contractor</u>	<u>Location</u>	<u>Base Bid Amount</u>
Ridge	Frankfort, IL	\$256,280.96
Beary	Lockport, IL	\$275,231.54
Beverly	Markham, IL	\$403,680.00
Christy Webber	Chicago, IL	\$476,964.25
*Quarry Cartage	Dyer, IN	\$165,543.17

** Contractor pulled bid after opening.*

Quantities will be adjusted to meet available funds see below.

Budget / Finance: Funding in the amount of \$327,150.00 will be available in the FY20 Budget; Road and Bridge, Facilities, Water and CPL Operating and Maintenance Budget.

Budget Available	\$327,150.00
Costs Landscape Bed Maintenance (Separate Contract)	(\$157,360.25)
Costs Lawn Maintenance (adjusted to 24 mowings)	<u>(\$183,810.72)</u>
Difference (Over Budget)	(14,020.97)

Staff Direction Request:

1. Approve the service contract for 2019 mowing contract to Ridge Landscape Services in the amount of \$183,810.72
2. Approve recommendation to pursue securing Quarry Cartage's bond for \$16,554.00.
3. Direct Staff as necessary.

Attachments

1. Recommendation letter from Site Design Group
2. Bid Tabulations



March 5, 2019

Ms. Kelly Mulqueeny

Street Superintendent

Village of Tinley Park

16250 S. Oak Park Ave.

Tinley Park, Illinois 60477



re: **Tinley Mowing 2019 - Contractor Recommendation**

Dear Kelly:

Upon thorough review of the five (5) bid packages opened on March 5, 2019 for the Tinley Mowing project, we would like to recommend beginning contract negotiations with the lowest bidder, Quarry Cartage, Inc. of Dyer, IN.

Quarry Cartage has completed all of the required bidding forms, submitted the appropriate bid security, and they have met all of the requirements outlined within the project manual.

Please let us know if you have any questions or concerns.

Sincerely,

A handwritten signature in blue ink, appearing to read 'M. J. Murdock', is written over a light blue circular stamp.

Mitch Murdock

Project Manager – site design group, ltd.

CC: RKS / BM/ KM

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-015

**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK
RIDGE LANDSCAPE SERVICES OF FRANKFORT, ILLNOIS FOR THE 2019 MOWING**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK
RIDGE LANDSCAPE SERVICES OF FRANKFORT, ILLINOIS FOR THE 2019 MOWING**

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered authorizing an Contract with Ridge Landscape Services, a true and correct copy of such Contract being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "contract" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Contract.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
 COUNTY OF COOK) SS
 COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-015, **“A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK RIDGE LANDSCAPE SERVICES OF FRANKFORT, ILLNOIS FOR THE 2019 MOWING,”** which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK

VILLAGE OF TINLEY PARK**SERVICE CONTRACT**

Mowing 2019

This contract is by and between the **Village of Tinley Park**, a Illinois home-rule municipal corporation (the “Village”), and **Quarry Cartage** (the “Contractor”), for the project or work described in Exhibit A, attached hereto and made a part hereof.

1. In consideration of the compensation stated in paragraph 2, the Contractor shall provide all the services described in the Scope of Services attached hereto as Exhibit “A” and incorporated herein by reference. The express terms of this Contract shall take precedence and control over any term or provision of the Scope of Services (Exhibit A) that in any way conflicts with, differs from, or attempts to alter the terms of this Contract.
2. Except in the event of a duly authorized change order approved by the Village as provided in this Contract, and in consideration of the Contractor’s final completion of all work in conformity with this Contract, the Village shall pay the Contractor an amount not to exceed **one hundred sixty five thousand five hundred forty three and 17/100 Dollars (\$165,543.17)**. Within **seven (7)** calendar days of completion of the work, the Contractor shall submit his application for payment to the Village, and the Village shall pay Contractor for the work performed no later than **thirty (30)** calendar days from the date of the Village's receipt and the Village’s approval of the work and the application for payment. No payment shall be made by the Village until the Contractor has submitted to the Village (i) a Contractor’s Affidavit listing all subcontractors and material suppliers utilized on the project and (ii) final waivers of lien from the Contractor, all subcontractors and all material suppliers.
3. No changes shall be made, nor will invoices for changes, alterations, modifications, deviations, or extra work or services be recognized or paid except upon the prior written order from authorized personnel of the Village. The Contractor shall not execute change orders on behalf of the Village or otherwise alter the financial scope of the Project.
4. Written change orders may be approved by the Village Manager or his designee provided that the change order does not increase the amount set forth in paragraph 2 of this Contract to more than \$10,000.00. Changes in excess of this amount must be approved by the Village Board prior to commencement of the services or work. **Any request by the Contractor for an increase in the Scope of Services and an increase in the amount listed in paragraph 2 of this Contract shall be made and approved by the Village prior to the Contractor providing such services or the right to payment for such additional services shall be waived.**
5. **Time is of the essence on this Contract.** The Contractor shall complete all work under this Contract by the dates set forth below:
6. No “Notice to Proceed” may be given nor any work commenced until this Contract is fully executed and all exhibits and other attachments are completely filled out and attached hereto.

7. It is understood and agreed by the parties that the Contractor is an independent contractor retained for the above-mentioned purpose. The Village shall not control the manner nor the means of the Contractor's performance, but shall be entitled to a work product as described herein. The term "subcontractor" shall mean and include only those hired by and having a direct contract with Contractor for performance of work on the Project. The Village shall have no responsibility to any subcontractor employed by a Contractor for performance of work on the Project, and all subcontractors and material suppliers shall look exclusively to the Contractor for any payments due. The Village will **not** be responsible for reporting or paying employment taxes or other similar levies that may be required by the United States Internal Revenue Service or other State or Federal agencies. Every subcontractor shall be bound by the terms and provisions of this Contract as far as applicable to their work. The Contractor shall be fully responsible to the Village for the acts and omissions of its subcontractors, and shall ensure that any subcontractors perform in accordance with the requirements of this Contract. Nothing contained herein shall create any contractual or employment relations between any subcontractor and the Village. The Contractor is solely responsible for the safety procedures, programs and methods of its employees and agents and shall hold the Village harmless for any and all damages resulting from violations thereof. The Contractor shall comply with all applicable federal, State and local safety laws and regulations.
8. **It is further agreed that the Contractor shall indemnify, hold harmless, and defend the Village, its officers, agents, and employees from and against any and all claims, losses, damages, causes of action, suits, and liability of every kind, including all expenses of litigation, court costs, and attorneys' fees, for injury to or death of any person or for damage to any property arising out of or in connection with the work done by the Contractor under this Contract. Such indemnity shall apply regardless of whether the claims, losses, damages, causes of action, suits, or liability arise in whole or in part from the negligence of the Village, any other party indemnified hereunder, the Contractor, or any third party.**
9. **The Contractor assumes full responsibility for the work to be performed hereunder and hereby releases, relinquishes, and discharges the Village, its officers, agents, and employees from all claims, demands, and causes of action of every kind and character, including the cost of defense thereof, for any injury to or death of any person and any loss of or damage to any property that is caused by, alleged to be caused by, arising out of, or in connection with the Contractor's work to be performed hereunder. This release shall apply regardless of whether said claims, demands, and causes of action are covered in whole or in part by insurance and regardless of whether such injury, death, loss, or damage was caused in whole or in part by the negligence of the Village, any other party released hereunder, the Contractor, or any third party. The Contractor shall maintain insurance coverage in an amount and from a carrier suitable to the Village, and the Village shall be named as an additional insured where required. Certificates of Insurance are attached hereto as Exhibit B.**
10. The Village is exempt from payment of state and local sales and use of taxes on labor and materials incorporated into the project. If necessary, it is the Contractor's responsibility to obtain a sales tax permit, resale certificate, and exemption certificate that shall enable the Contractor to buy any materials to be incorporated into the project and then resale the aforementioned materials to the Village without paying the tax on the materials at the time of purchase. In no event will the Village be liable for or pay any sales or use taxes incurred by the Contractor in performing the services under this contract.

11. The Contractor shall comply with all applicable federal, state, and local statutes, regulations, ordinances, and other laws, including but not limited to the Immigration Reform and Control Act (IRCA). The Contractor may not knowingly obtain the labor or services of an unauthorized alien. The Contractor, not the Village, must verify eligibility for employment as required by IRCA.
12. At any time, the Village may terminate this Contract for convenience, upon written notice to the Contractor. The Contractor shall cease work immediately upon receipt of such notice. The Contractor shall be compensated for services performed and accepted by the Village up to the date of termination.
13. No waiver or deferral by either party of any term or condition of this Contract shall be deemed or construed to be a waiver or deferral of any other term or condition or subsequent waiver or deferral of the same term or condition.
14. This Contract may only be amended by written instrument approved and executed by the parties.
15. This Contract and the rights and obligations contained herein may not be assigned by the Contractor without the prior written approval of Village.
16. The parties hereby state that they have read and understand the terms of this Contract and hereby agree to the conditions contained herein.
17. This Contract has been made under and shall be governed by the laws of the State of Illinois. The parties agree that performance and all matters related thereto shall be in Cook County, Illinois.
18. Contractor, its employees, associates or subcontractors shall perform all the work hereunder. Contractor agrees that all of its associates, employees, or subcontractors who work on this Project shall be fully qualified and competent to do the work described hereunder. Contractor shall undertake the work and complete it in a timely manner.
19. If any provision of this Contract shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court of competent jurisdiction finds that any provision of this Contract is invalid or unenforceable, but that by limiting such provision it may become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.
20. This Contract represents the entire and integrated agreement between the Village and Contractor and supersedes all prior negotiations, representations, or agreements, either written or oral.
21. This Contract will be effective when signed by the last party whose signing makes the Contract fully executed.

22. The Contractor agrees to comply with the Illinois Prevailing Wage Act, if the work to be performed under this Contract is covered by said Act.

IF THIS IS PREVAILING WAGE WORK:

This contract calls for the construction of a “public work,” within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 *et seq.* (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department’s web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice and record keeping duties.

23. The Contractor agrees to comply with the Illinois Substance Abuse Prevention on Public Works Projects Act.

CERTIFICATIONS BY CONTRACTOR

Eligibility to Contract

The undersigned hereby certifies that the Contractor is not barred from bidding on or entering into this contractor as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Human Rights Act

The undersigned hereby certifies that the Contractor is in compliance with Title 7 of the 1964 Civil Rights Act as amended and the Illinois Human Rights Act as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Drug-Free Workplace Act

The undersigned, **having 25 or more employees**, does hereby certify pursuant to section 3 of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate Regarding Sexual Harassment Policy

The undersigned does hereby certify pursuant to section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Substance Abuse Prevention on Public Works Projects Act

The undersigned hereby certifies that:

- A. There is in place a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635), and has provided a written copy thereof to the Village of Tinley Park.
- B. There is in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635)

(Cross out either A or B depending upon which certification is correct)

Name of Contractor (please print)

Submitted by (signature)

Title

[NAME OF CONTRACTOR]

BY: _____

_____ Date

Printed Name: _____

Title: _____

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Mayor
(required if Contract is \$10,000 or more)

ATTEST:

Village Clerk
(required if Contract is \$10,000 or more)

_____ Date

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Village Manager

Exhibit A

SCOPE OF SERVICES

Exhibit B

INSURANCE REQUIREMENTS

(See Risk Manager for Insurance Requirements)

ADDENDUM NO. 1

Tinley Lawn Maintenance 2019
Tinley Park, Illinois 60477

February 26, 2019

This addendum forms part of the Contract Documents for the above named project and contains the following:

1) Questions and Answers

- a. Question 1: Bed edging is and weed control with in turn areas are currently included under the scope of work for the lawn maintenance contract, which is mostly mowing and related work. Edging may be more suited towards other maintenance contracts. Are these scope items to be included with the mowing work?
 - i. Answer 1: Edging around the landscape beds is being removed from the scope of work for lawn maintenance and is being added to the scope of work for the beds maintenance contract. Weed control within the turf areas is already part of the scope of a separate contract and will be taken out of the mowing contract. Note that weed control in paved areas is still within the scope of this project.
- b. Question 2: Do the “on demand services” include anything beyond mowing?
 - i. Answer 2: The on-demand services are just mowing services at sites that do only need to be mowed a few times a year.
- c. Question 3: Are there workable excel files available for the bid tabs?
 - i. Answer 3: Yes, those have been included in the email distribution of this addendum. The file is also available if you email mitchell.murdock@site-design.com.
- d. Question 4: The projected number of mowing is listed at 32, but this seems a bit high. Can the project be bid at 28 mowings?
 - i. Answer 4: The Village agrees 32 is higher than a typical year, but needs to prepare for an atypical year where all 32 might be needed. The yearly numbers need to reflect 32 mowings.

2) Changes to Bid Documents

- a. All of the following changes have been made to the updated version of the documents distributed as part of this addendum.
- b. Change 1: The cover page had a typo and now reads correctly “Tinley Lawn Maintenance 2019”.
- c. Change 2: Pages 02925-1 and 02925-11 have been updated to exclude the landscape bed edging work and weed control work within turf areas as described in Question 2 above.
- d. Change 3: The bid tabs have been updated to include several acreage corrections and to show the two “On- Demand” mowing sites. The acreage changes have also been reflected in the table that is listed in the bid documents. Changes are highlighted in yellow.

- e. Change 4- The Notice to Contractors had March 4th as the bid opening date. The correct bid opening date is March 5th at 12:00 PM.

END OF ADDENDUM 1

**VILLAGE OF TINLEY PARK
COOK COUNTY, ILLINOIS
NOTICE TO CONTRACTORS**

The Village of Tinley Park will receive sealed bids for the following improvements at the Clerk's office, 16250 South Oak Park Avenue, Tinley Park, IL 60477, until **11:55 PM on March 5th 2019**

**2019 Mowing
Village of Tinley Park**

Proposals will be publicly read aloud at **12:00 PM on March 5th 2019**. No bid shall be withdrawn after the opening of the bids without the consent of the Mayor and Board of Trustees for a period of forty-five days after the scheduled time of closing bids.

All bids shall be sealed in an envelope, addressed to the Village of Tinley Park, attention Clerk's office. The name and address of the bidder and the name of the project shall also appear on the outside of the envelope.

Full copies of the Bid Documents, including specifications, are available on the Village of Tinley Park website at www.tinleypark.org under the business tab then "contract opportunities".

A certified check or bank bond on a solvent bank, payable without condition to the Village of Tinley Park in an amount not less than ten percent (10%) of the bid shall be submitted with each proposal, as a guarantee that, if the proposal is accepted, a contract will be entered into and the performance of the contract is properly secured.

The right is reserved to reject any or all bids, to waive technicalities, to postpone the bid opening, or to advertise for new proposals, if in the judgment of the Mayor and Board of Trustees their best interests will be promoted thereby.

The contractor will be required to pay not less than the prevailing wage rates on this project as established by applicable law. He shall also comply with all applicable Federal, State, and local regulations.

The Village of Tinley Park Local Vendor Purchasing Policy provides local vendors with preferential treatment when competing for contracts with the Village. A local vendor is defined as a business that has an actual business location within the Village of Tinley Park and is licensed by the Village. As such, when considering contracts, the Village of Tinley Park reserves the right to forego the lowest and responsible bid in favor of a local vendor under the following circumstances:

<u>Contract Value</u>	<u>Range (up to a maximum of)</u>
\$0-\$250,000	5%
\$250,000-\$500,000	4%
\$500,000-\$750,000	3%
\$750,000-\$1,000,000	2%
\$1,000,000-\$2,000,000	1%

Responsible bidders are determined pursuant to the criteria set forth pursuant to the criteria set forth in the Village's Responsible Bidder Ordinance No. 2009-O-002.

Bidder qualifications and experience will also be included in the basis for determining the lowest responsible bidder.

A performance bond in a sum equal to one hundred percent (100%) of the amount of the bid, with sureties to be approved by the Mayor and Board of Trustees for the faithful performance of the contract must be furnished by the successful bidder. All bids or proposals shall contain an offer to furnish bond upon acceptance of such bid or proposal.

Mayor and Board of Trustees
Village of Tinley Park

PROJECT MANUAL

for

**Village of Tinley Park
TINLEY LAWN MAINTENANCE 2019**

located at

Tinley Park, Illinois

for

Village of Tinley Park
16250 South Oak Park Avenue
Tinley Park, Illinois

This Project Manual contains bidding information, bidding and contract forms, drawings, and the Specifications for the Project. The contents of this manual, the accompanying Drawings and any Addenda constitute the Bid Documents for this Project.

Landscape Architect
site design group, ltd.
888 South Michigan Ave #1000
Chicago, Illinois 60605
312-427-7240

Project No.7946
February 19, 2019

TABLE OF CONTENTS

Division	Section Title	Pages
DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS		
00115	INSTRUCTIONS TO BIDDERS	7
00140	BID FORM.....	6
00141	DETAILED BID TAB	4
00141a	EXHIBIT A - LOCAL VENDOR PURCHASING POLICY.....	1
	EXHIBIT B – RESPONSIBLE BIDDER	1
00141c	CERTIFICATIONS BY CONTRACTOR.....	3
	REQUIRED INSURANCE.....	2
DIVISION 01 - GENERAL REQUIREMENTS		
01010	SUMMARY OF WORK	1
DIVISION 02 - SITE CONSTRUCTION		
02925	LAWN MAINTENANCE.....	12
APPENDIX		
	MOWING MAPS.....	81

SECTION 00115
INSTRUCTIONS TO BIDDERS
Tinley Lawn Maintenance 2019
Tinley Park, Illinois

1 . PROJECT

- A. Sealed Bids are invited for: Tinley Lawn Maintenance 2019
- B. Location: Scattered sites throughout the Village of Tinley Park, Illinois
- C. Based upon Construction Contract Documents prepared by:
 - 1. site design group, ltd.
888 South Michigan Avenue #1000
Chicago, IL 60605
312-427-7240 telephone

2 . BID DELIVERY AND TIME DEADLINE

- A. Sealed Bids, clearly marked "TINLEY LAWN MAINTENANCE 2019 PACKAGE" will be received at the Village of Tinley Park Clerks Office, 16250 S. Oak Park Ave., Tinley Park, IL until **11:55 a.m. (central time) on Tuesday, March 5, 2019.**
- B. Proposals will be publicly read aloud at 12:00 p.m. on March 5, 2019. No bid shall be withdrawn after the opening of the bids without the consent of the Mayor and Board of Trustees for a period of forty-five days after the scheduled time of closing bids.
- C. Bids must be made in full accordance with these "Instructions to Bidders".
- D. All copies of the Bid (and any other documents required to be submitted with the Bid shall be enclosed in a sealed opaque envelope.
 - 1. The envelope shall be addressed to the party receiving the Bid and shall be identified with the Project name, the Bidder's name and address.
 - 2. If the Bid is sent by mail, the sealed envelope shall be enclosed in a separate mailing envelope with the notation "SEALED BID ENCLOSED" on the face thereof.
- E. Bids shall be deposited at the designated location prior to the time and date for receipt of Bids indicated above, or any extension thereof made by Addendum. Bids received after the time and date for receipt of Bids will be returned unopened.
- F. The Bidder shall assume full responsibility for timely delivery at the location designated for receipt of Bids.
- G. Oral, telephonic or telegraphic Bids are invalid and will not receive consideration.

3 . APPLICABLE LAWS:

- A. The bidder shall become familiar with all laws, ordinances, regulations and Codes of Federal, State, City and other local governmental agencies, which may in any manner affect the preparation of proposals or the performance of the Contract.

4 . EXAMINATION OF DOCUMENTS AND PROJECT SITE

- A. The Bid Documents, including specifications, are available online on the Village of Tinley Park Contract Opportunities website The bid documents will be available at http://www.tinleypark.org/government/departments/clerk_s_office/open_bids_and_contracts.php on Tuesday, February 19, 2019.

- B. Complete sets of Bid Documents shall be used in preparing Bids including issued Addendum. Neither the Owner nor the Architect assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bid Documents.
- C. Pre-Bid Meeting: Recommended Meeting **February 22, 2019 at 10:30 AM** at Public Works office, 7980 W. 183rd St.
- D. Before submitting a Bid, bidders shall carefully examine the Contract Documents and existing conditions and limitations of the jobsite, to assure that all costs to complete the Project under the requirements of these Documents are included in the Bid. The submission of a proposal shall be accepted as evidence that the Bidder has followed the instructions herein and the Bidder shall, therefore, be singularly responsible for any and all errors that may be included in the Proposal resulting from failure or neglect to comply with these instructions.
- E. After the Bid Opening, no allowance will be made to any Bidder for any change in the scope or price of the Project due to items which would have been apparent by the Bidder's proper examination of the Documents and jobsite, during the bidding period.
- F. Should Bidders, upon examination of Bid Documents and project site, discover discrepancies, omissions, or duplications in the Bid Documents, or questions of scope or intended quality, they shall immediately report in writing via electronic mail to:

Mitch Murdock
 site design group, ltd.
 888 South Michigan Avenue #1000
 Chicago, IL 60605
mitchell.murdock@site-design.com

no later than **Tuesday, February 26th, 2019 at 10:00 a.m.** prior to the date of Bid Receipt to the following address. site design group, ltd. will respond in one of two ways:

- 1. By issuing a written statement of explanation
 - 2. By issuing an Addendum
 - G. Bidder shall acknowledge receipt of any addendum or notices by completing Section 00140, Bid Form, Part I, A, 1 prior to finalizing their bid.
 - H. Neither site design group ltd. nor the Village of Tinley Park shall be responsible for any oral interpretations.
 - I. During the bidding, certain revisions to the Contract Documents may be initiated. These revisions shall be issued in writing, as Addenda, and will be numbered. Any and all Addenda shall be incorporated as part of the Documents and shall supersede all previous information in these Documents they affect.
5. ADDENDA
- A. Addenda will be e-mailed to all who are known by the Architect to have received a complete set of Bidding Documents.
 - B. Copies of Addenda will be made available for inspection wherever Bidding Documents are on file for that purpose.
 - C. No Addenda will be issued later than five (5) calendar days prior to the date for receipt of Bids except an Addendum withdrawing the request for Bids or one which includes postponement of the date for receipt of Bids.
 - D. Each Bidder shall ascertain prior to submitting a Bid that the Bidder has received all Addenda issued, and the Bidder shall acknowledge their receipt in the Bid.

6 . PREPARATION OF BID FORM AND ATTACHMENTS

- A. Bids shall be submitted on the Bid Form included with the Contract Documents.
- B. All blank spaces on the Bid Form must be filled in, including Addenda, if any are issued during the bid period, in order for the Bid to be valid.
- C. Voluntary Alternate Bids: No voluntary alternates will be considered at this time.
- D. Unit Prices: Spaces for unit prices on the attached Bid Form shall be filled in with the amounts for increases or decreases in type of work indicated. Unit prices may be used for adjusting the Contract Sum in accordance with changes in the work.
- E. All bid amount totals shall be given in both words and figures. In the event of a discrepancy between the words and figures, the words shall govern.
- F. Each Bidder must base his bid on materials and equipment described in the Contract Documents.
- G. The amount of the Base Bid must include, but not be limited to the following:
 - 1. The Owner is a tax-exempt body and is, therefore, exempt from certain sales and use taxes.
 - 2. All fees for royalties and patents.
 - 3. All temporary facilities as required. Contractor may use Owner supplied electric, water and natural gas utilities on the site. All other costs for temporary equipment and temporary utility hookups are the responsibility of the Contractor.
- H. Letter certifying no exclusions to plans and specifications.
- I. Contractor Personnel: Each bidder must provide a list of key individuals to be assigned to the Project. Include individual's role and time commitment to the Project.
- J. Material suppliers specified shall be used for preparation of the bids. Substitution requests shall not be allowed at the time of bidding.
- K. Each copy of the Bid shall include the legal name of the Bidder and a statement that the Bidder is a sole proprietor, partnership, corporation, or other legal entity. Each copy shall be signed by the person or persons legally authorized to bind the Bidder to a contract. A Bid by a corporation shall further give the state of incorporation and have the corporate seal affixed. A Bid submitted by an agent shall have a current power of attorney attached certifying the agent's authority to bind the Bidder.

7 . OTHER CERTIFICATIONS AND SUBMITTALS

- A. All bidders must complete and sign the following certifications and submit them with their bid proposals. **FAILURE TO DO SO WILL RESULT IN DISQUALIFICATION OF BIDDER.**
 - 1. Bidder Eligibility Certification and Non-Collusion Affidavit.
 - 2. Certificate of Compliance with Illinois Human Rights Act.
 - 3. Certificate of Compliance with Illinois Drug-Free Workplace Act.
 - 4. Certificate of Compliance with Sexual Harassment Policy.
 - 5. Certificate of Compliance with Substance Abuse Prevention on Public Works Projects Act.
 - 6. Certificate of Compliance with Prevailing Wage Requirements.

7. Certificate of Compliance with the Village of Tinley Park Responsible Bidder Ordinance.
8. Contractor Qualification Reference Sheet

8 . BID SECURITY

- A. A certified check or bid bond on a solvent bank, payable without condition to the Village of Tinley Park in an amount not less than ten percent (10%) of the bid shall be submitted with each proposal, as a guarantee that, if the proposal is accepted, a contract will be entered into and the performance of the contract is properly secured.
- B. The Bid Security of the successful Bidder shall be returned to him immediately after the execution of the Agreement and upon delivery to the Owner of all requested bonds or certificates.
- C. The Bid Security of all unsuccessful Bidders shall be returned to them, after the Bid opening, as soon as is practicable.
- D. In submitting a Bid, the Bidder understands and agrees that if his Bid is accepted, and if bidder fails to enter into an Agreement with the Owner, bidder shall forfeit his Bid Security paid to the Owner, not as a penalty, but as liquidated damages due to such failure.

9 . PERFORMANCE AND PAYMENT BOND

- A. Bidder shall furnish Performance and Payment Bond for the full amount of the Contract within seven (7) days of Notification of Award for the Contract. The Bid Form provides space for Performance and Payment bond information.
- B. Bond shall be written on AIA Document A311, "Performance Bond and Labor and Material Payment Bond".
- C. The bond shall be with a surety or sureties with a rating of "A" or better by A.M. Best and Company and such sureties shall be approved by The Village of Tinley Park. Bonds in the form of certified or cashier's checks shall be made payable to The Village of Tinley Park. The Performance and Payment Bond shall be furnished in the same number of copies as the number of copies of the contract to be executed.

10 . BASIS OF AWARD

- A. The Village of Tinley Park reserves the right to reject any or all Bids for any reason and to accept any one Bid deemed most favorable to the best interests of the Village of Tinley Park.
- B. That in order to be considered a "responsible bidder" on any Village of Tinley Park public works projects, a bidder must comply with the following criteria, and submit acceptable evidence of such compliance, in addition to any other requirements as determined from time to time by the village for the specific type of work to be performed:
 1. Compliance with all applicable laws and village codes and ordinances prerequisite to doing business in Illinois and in the Village;
 2. Compliance with:
 - a. Submittal of federal employer tax identification number or social security number (for individual), and
 - b. Provisions of section 2000e of chapter 21, title 42 of the United States Code and Federal Executive Order No. 11246 as amended by Federal Executive Order No. 11375 (known as the equal employment opportunity provisions);

3. Furnishing certificates of insurance indicating at least the following coverages at minimum limits established by the village: general liability, workers' compensation, completed operations, automobile, hazardous occupation, product liability, and professional liability;
 4. Compliance with all provisions of the Illinois prevailing wage act, including wages, medical and hospitalization insurance and retirement for those trades covered by the act;
 5. Participation in apprenticeship and training programs approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training;
 6. Compliance with the applicable provisions of the Illinois human rights act and the rules of the Illinois human rights commission, including the adoption of a written sexual harassment policy;
 7. Furnishing of required performance and payment bonds;
 8. Furnishing certification of no delinquency in the payment of any tax administered by the Illinois department of revenue;
 9. Furnishing certification that the bidder is not barred from bidding or contracting as a result of a violation of either section 33e or 33e-4 of chapter 720, article 5 of the Illinois compiled statutes; and
 10. Furnishing evidence that the bidder has not only the financial responsibility but also the ability to respond to the needs of the village by the discharge of the contractor's obligations in accordance with what is expected or demanded under the terms of the contract.
- C. The successful Bidder shall be required to enter into a Contract with The Village of Tinley Park, covering the entire work of the Bid, and must furnish to the Owner all bonds, certifications, insurance documents, and other requirements, within seven (7) days after issuance of the Notice of Award of Contract or Letter of Intent.
- D. In determining the best Bidder, The Village of Tinley Park shall consider the following:
1. The Base Bid, Unit Prices, Contract Time and the costs for any required bonds or certificates.
 2. Competence of the firm and its staff to perform the required construction as indicated by the technical training, education and experience of the Contractors personnel and subcontractors who are assigned to perform the service.
 3. Ability of the Contractor and his subcontractor's ability to deliver the product competently and on an appropriate schedule to meet the needs of The Village of Tinley Park.
 4. The character, integrity, reputation, judgment, experience and efficiency of the Bidder.
 5. Past performance as demonstrated by evaluations from previous clients with respect to cost control, quality of work and meeting project schedules. Include three (3) references with name of project, location, owner and current contact person.
 6. The quality of performance of previous contracts or services.
 7. The previous and existing compliance by the bidder with the laws and ordinances relating to the contract or service.

8. The sufficiency of the financial resources and ability of the Bidder to perform the contract or provide services.
9. The ability of the Bidder to provide future maintenance and service for use of the subject of the Contract
10. Information which The Village of Tinley Park may obtain through independent investigation.

E. COMPETENCE OF SUBCONTRACTORS

1. Each Bidder is required to complete the form attached to the Bid Form listing certain intended subcontractors to be employed on the Project.
2. The competence and responsibility of all subcontractors shall be considered in awarding the Contract. If subcontractors are unknown or their competence is questioned, it is understood that such subcontractor shall file, upon request, evidence of facilities, equipment, experience, financial and other data and references for investigation and qualification.
3. The Village of Tinley Park reserves the right to reject any subcontractor, reserves the right to require the Contractor to provide an alternate subcontractor prior to consideration of bid and/or award of bid, and reserves the right to reject the bid of any Contractor for failure to provide competent subcontractors.

F. QUALIFICATIONS OF CONTRACTORS

1. The Contractor shall be required before the award of any contract to show to the complete satisfaction of the Department of Public Works that it has the necessary facilities, ability, and resources to provide the services specified herein in a satisfactory manner and within the required time deadlines. The Contractor shall be required to provide a minimum of three references for similar work. The Department of Public Works reserves the right to reject any proposal if the evidence submitted by, or investigation of, the Contractor fails to satisfy the Department of Public Works that the Contractor is properly qualified to carry out the obligations of the contract and to complete the work described herein. Also, a 24 hour contact name and number shall be required.

- G. The Village of Tinley Park Local Vendor Purchasing Policy provides local vendors preferential treatment when competing for contracts within the Village. A local vendor is defined as a business that has an actual business location with the Village of Tinley Park and is licensed by the Village. When considering contracts, the Village reserves the right to forego the lowest bid in favor of a local vendor when the amount of the local bidder exceeds that of the otherwise lowest bid as follows, provided both bidders are found to be responsive and responsible:

Contract Value	
\$0 to \$250,000	5%
\$250,000 to \$500,000	4%
\$500,000 to \$750,000	3%
\$750,000 to \$1,000,000	2%
\$1,000,000 to \$2,000,000	1%

1. Maximum amount a local vendor's bid may exceed lowest responsive and responsible bid: \$25,000

11. CHANGES AND WITHDRAWALS OF BID

- A. A Bidder may withdraw his bid and bid security, if one is required, at any time before the deadline set for Bid Opening, either personally or by written request. Withdrawn Bids may be resubmitted up to the date and time designated for the receipt of Bids provided that they are then fully in conformance with these Instructions to Bidders.
- B. No Bid may be withdrawn after the Bid Opening, unless the award of the Contract is delayed for a period exceeding ninety (90) days after the Bid Opening.

12 . FINAL COMPLETION

- A. The Undersigned hereby affirms and states that, if awarded the Contract for said Work, he will commence Work immediately after receiving Notice to Proceed and will coordinate a schedule with the Owner and AOR to completely perform the work and the agreed upon schedule, based on working regular time in strict accordance with the Contract terms and conditions.

13 . CONSTRUCTION PROGRESS AND SCHEDULE

- A. Subject to the Village's issuance of required permits, the Contractor shall be notified to start work by issuance of a written Notice to Proceed by the Village of Tinley Park. Work shall start immediately after the issuance of a Notice to Proceed.
- B. Prior to work start, a Pre-Construction Conference will be held at the Public Works Garage located at 7980 West 183rd Street, Tinley Park, Illinois; date and time to be determined.
- C. All Work shall be completed within the time period established in under Final Completion.
- D. A Construction Schedule shall be submitted in accordance with the requirements of these Contract Documents.

END OF INSTRUCTIONS TO BIDDERS

SECTION 00140 - BID FORM

TINLEY LAWN MAINTENANCE 2019

Tinley Park, Illinois 60477

BIDDER IDENTIFICATION:

Name of Bidder _____

Address _____

Contact/Title _____

Telephone _____

Fax Number _____

E-Mail Address _____

BID TO BE SUBMITTED TO:

Village of Tinley Park Clerks Office
 16250 S. Oak Park Avenue
 Tinley Park, Illinois 60477

I. THE BID:

A. The Undersigned, representing the bidding firm named above, hereby submits a bid for all the work for the above mentioned project and further certifies that he has:

1. Thoroughly and completely examined and comprehended the Bidding Documents, including provisions of the proposed contract and the following Addenda:

Addendum No.	Date
_____	_____
_____	_____
_____	_____
_____	_____

2. Thoroughly examined and comprehended relevant portions of other available documents (e.g. plans and specifications for the existing facilities and equipment);
3. Visited the site, including a thorough tour and examination of relevant portions of the physical facilities affected by this work;
4. Familiarized with federal, state and local laws, ordinances, rules and regulations affecting and performance of this Work.
5. Studied and carefully correlated his observations with the requirements of the Construction Documents, including the availability of labor and materials;
6. Notified Architect of all conflicts, errors or discrepancies in the Bidding Documents affecting the Work and its cost;
7. Made such additional surveys and investigations as he deems necessary to determine his Bid price for work within the terms of the Construction Documents.
8. Agreed that the Work will reach final completion as noted in the Instructions to Bidders.
9. Furnish all bonds and insurance required by the bidding documents.

II. TOTAL BASE BID : Accordingly the undersigned proposes to provide the Work as described in the Contract Documents in a timely manner and to place it into satisfactory operation for the stipulated sums as follow:

A. MOWING AND LAWN MAINTENANCE 2019 CONTRACT PRICE: All work required by the Contract Documents per the accompanying details

_____ Dollars (\$ _____)

B. PAVED MEDIAN WEED CONTROL 2019 CONTRACT PRICE: All work required by the Contract Documents per the accompanying details

_____ Dollars (\$ _____)

C. (A+B) TOTAL 2019 CONTRACT PRICE: All work required by the Contract Documents per the accompanying details

Dollars (\$ _____)

BID BREAKDOWN

Complete and submit Section 00141 "Detailed Bid Breakdown" as part of Bid Submittal.

- A. **PERFORMANCE BOND AND PAYMENT BOND:** The undersigned states the cost of a Performance Bond (not included in Base Bid), in the amount of 100% of the contract by an approved surety company licensed to do business in the State of Illinois. The owner is in no way responsible for costs associated with performance bond and payment bonds. This cost is the responsibility of the contractor.

Dollars (\$ _____).

- B. Prices quoted herein include all material, labor, freight, sales or use tax, licenses, final clean-up and any return trips required to complete the various phases of work.
- C. **BID SECURITY:** Per Instructions to Bidders.
- D. **PREMIUM TIME FEES:** All bid prices above are based on regular-time hourly labor rates, except as specifically noted otherwise in the bidding documents. The Owner may later require certain portions of the work originally assumed and bid as regular-time work be completed during hours deemed as premium time by the Contractor. Contractor shall be compensated for such possible occurrence in mutual agreement between Contractor and Owner.
- E. **MARK-UP FEES:** The Bidder agrees to the percentage mark-up fees stipulated in the mark-up schedule herein to be added to or deleted from the net price for changing the quantities of the work:

- 1. **Prime Bidder's Schedule of Mark-Ups:**
 - a) For any work performed by the Prime bidder's own forces, not involving sub-bidders.
 - b) Based on cost:
 - (1) Extra for additional work:
Overhead 10% Profit 5%
 - (2) Credit for deleted work:
Overhead 0% Profit 0%

- 2. **Sub-Bidder's Schedule of Mark-Ups:**

- a) For the Bidder any work performed by his Sub-bidder.
- b) Based on cost:
 - (1) Extra for additional work:
Overhead 5% Profit 2%
 - (2) Credit for deleted work:
Overhead 0% Profit 0%

F. SUBCONTRACTORS: The bidder proposes that this bid includes the work of the subcontractors listed below:

Trade Contractor (name, address, telephone, representative)

G. LEGAL ENTITY: The Bidder declares his legal entity as indicated by check mark (x) and inserted information as follows:

- () Corporation.
- () Sole Proprietor: An individual whose signature is affixed to ___ his bid.
- () Partnership: State full names, titles, addresses, of all responsible principals or partners.

H. EXECUTION

Name _____
(legal name of bidding entity)

By _____
(individual authorized to act for entity)

Title _____

Date _____

Attest _____

Seal (if corporation)

CONTRACTOR QUALIFICATION REFERENCE SHEET

Bidders shall provide three (3) references from projects similar in scope within the last two (2) years.

MUNICIPALITY _____
ADDRESS _____
CONTACT NAME _____
PHONE _____
SCOPE OF WORK _____

MUNICIPALITY _____
ADDRESS _____
CONTACT NAME _____
PHONE _____
SCOPE OF WORK _____

MUNICIPALITY _____
ADDRESS _____
CONTACT NAME _____
PHONE _____
SCOPE OF WORK _____

END OF SECTION 00140

Mowing & Lawn Maintenance- Sites Found in Mowing Map Book

ID #	Map Grid #	Mowing Areas	Area (Acres)	Regular Mowing	Paved Median Area Weed Control	2019 Per Mowing Price	2019 Yearly Cost (32 Mowings)	2020 Per Mowing Price	2020 Yearly Cost (32 Mowings)	2021 Per Mowing Price	2021 Yearly Cost (32 Mowings)
M001	1	Apple Pond & Creekmont	1.04	X							
M002	2	80th Av Parkways 159th-163rd st	1.73	X							
M004	2	E. on 163rd - 80th Ave. to 84th Ave. by Com Ed R.O.W.	0.21	X							
M005	2	Pond north side of 163rd St. & Evergreen	5.87	X							
M006	3	76th Av Medians Between 161st & 165th	3.92	X							
M007	3	Pond north side of Helen Keller School	3.71	X							
M009	5	Centennial Dr - Brementowne Dr. by retirement home	0.69	X							
M010	5	Kingston Ct. & Brementowne Dr.	0.24	X							
M011	5	Centennial Circle Pkwy behind Menards	0.19	X							
M012	5	Village Hall 16250 S. Oak Park Ave.	4.07	X							
M013	4	Harlem Ave - between 161st and 163rd	0.13	X							
M014	5	Oak Park north of 163rd St	0.96	X							
M015	14	Pond North side of 168th St.	2.41	X							
M016	8	167th St. north side Com Ed R.O.W.	0.17	X							
M017	8	80th Av Parkways 163rd-167th st	0.79	X							
M019	9	Lake Villa Ave and 163rd St	2.26	X							
M020	9	Post 7 - 164th & Harlem Ave. E. side	0.10	X							
M021	9	Harlem Ave. & 163rd St. island	0.53	X							
M022	11	167th St Medians	0.01	X							
M025	12	Post 1 -167th St Pump and Tanks 6640 167th St	1.68	X							
M027	13	Easement North side of James St. Ridgeland to Leslie Ann	1.40	X							
M028	14	Pond 167th St. & Cherry Hill	3.51	X							
M029	14	Plum Ct. Pond	3.01	X							
M030	14	Pond North side of 168th St.	2.29	X							
M031	8	167th St. south side Com Ed R.O.W.	0.16	X							
M032	15	169th St. Waterford Pond easement	0.23	X							
M033	15	Pond Waterford & 169th St.	3.50	X							
M034	15	171st St from 84th to Grissom Dr (north side)	0.34	X							
M035	15	Easement behind Kirby School (17000 80th Ave)	4.96	X							
M036	15	Post 5 - Bayberry Plaza Guardrail	0.48	X							
M037	10	7606 & 7605 167th St. guardrail by creek	0.05	X							
M038	16	171st St from Olcott Ave to 80th Ave	0.53	X							
M039	16	80th Av Parkways 167th-171st	0.95	X							
M041	17	Harlem and 168th Pl (southwest corner)	1.68	X							
M044	17	170th & Olcott parkway by bridge	1.68	X							
M045	17	170th Pl. & Harlem guard rails E. & W. side	0.17	X							
M047	17	170th Pl. & Oketo Ave. - empty lot	0.18	X							
M049	17	Harlem Ave Median Sandy Ln to 170th	0.09	X							
M050	17	Pond 171st & Olcott	10.89	X							
M051	18	Easement North side Sayre Ave. & 168th St.	0.25	X							
M052	18	Oak Park Ave. medians - 168TH St to 171st	0.44	X							
M057	19	Ridgeland Ave. - 167th St. to Willow Ln.	1.47	X							
M058	19	Willow Lane Ditch	1.50	X							
M059	13	167th St Parkway along cemetery	0.25	X							
M060	20	Andres Pond	0.99	X							
M061	20	Christopher Ct. island	0.07	X							
M062	20	Gaynelle Bridge - parkways	0.15	X							
M063	22	171st St Parkway - 92nd Ave to 94th Ave	0.33	X							
M064	22	94th Ave Parkways 171st-175th	1.78	X							
M065	22	Briar & Thornwood pond	1.31	X							
M066	23	88th Ave - 172nd to 174th both sides of street	1.31	X							

		Paved Median Weed Control Areas (Exact Shapes Not Outlined On Maps)			2019 Per Application	2019 Yearly Cost (4 Applications)	2020 Per Application	2020 Yearly Cost (4 Applications)	2021 Per Application	2021 Yearly Cost (4 Applications)
22	LaGrange Rd Medians			X						
8	80th Avenue Medians			X						
4	Harlem Avenue Medians			X						
5	Centennial Dr/ 163rd St Medians			X						
2	159th St Medians			X						
11	167th St Medians			X						
16	171st St Medians			X						
44	183rd St Medians			X						
		TOTAL COSTS- MOWING & PAVED AREA WEED CONTROL								
		PER ACRE UNIT COSTS FOR FUTURE SITE ADDITIONS- MOWING			X	/acre	/acre	/acre	/acre	/acre
		PER SQ FT UNIT COSTS FOR FUTURE SITE ADDITIONS-PAVED MEDIAN WEED CTRL			X	/acre	/acre	/acre	/acre	/acre

ON-DEMAND MOWING SERVICES (COMPLETED UPON REQUEST)

ID #	Map Grid #	Name/ Description	Area (Acres)	Unit	2019 Price Per Unit	2020 Price Per Unit	2021 Price Per Unit
M188	51	Dunkin Donuts Retention area (N of 183rd St and E of Harlem Ave)	0.22	Mowing 1 X			
M198	26	Tinley Downs	4.92	Mowing 1 X			

February 19, 2019

EXHIBIT A**VILLAGE OF TINLEY PARK LOCAL VENDOR PURCHASING POLICY**

The Village of Tinley Park believes it is important to provide local vendors with opportunities to provide goods and services to the Village of Tinley Park. This belief is based upon the fact that the active uses of commercial properties in Tinley Park benefits the community through stabilization of property tax, the creation of local sales tax and the provision of employment opportunities for citizens of the community and surrounding region. In an effort to promote the aforementioned benefits, the Village of Tinley Park wishes to provide local vendors with preferential treatment when competing for contracts with the Village. A local vendor is defined as a business that has an actual business location within the Village of Tinley Park and is licensed by the Village. The Village will not award a contract to a local vendor when the difference between the local vendors bid and the otherwise lowest responsive and responsible bid exceeds the applicable percentage indicated as follows. As such, when considering contracts, the Village of Tinley Park reserves the right to forego the lowest responsive and responsible bid exceeds the applicable percentage indicated as follows. As such, when considering contracts, the Village of Tinley Park reserves the right to forego the lowest responsive and responsible bid in favor of a local vendor under the following circumstances:

<u>Contract Value</u>	<u>Range (up to a maximum of)</u>
\$0 to \$250,000	5%
\$250,000 to \$500,000	4%
\$500,000 to \$750,000	3%
\$750,000 to \$1,000,000	2%
\$1,000,000 to \$2,000,000	1%

Under no circumstances will any contract be awarded to a local vendor when the local vendor's bid exceeds the lowest responsive and responsible bid by \$25,000 or more.

This policy shall **ONLY** apply if formal notice of the aforementioned criteria is provided as part of the bid specifications. In addition, it should be noted that the Village of Tinley Park shall not be obligated to forego the low bidder in favor of the local vendor under any circumstances. However, this policy simply provides the Village with the option of doing so when applicable. Furthermore, this policy shall not apply in any situation where any portion of the contract amount is being paid with funds other than Village monies. Specifically, this policy shall not apply in any situation where the Village has received a grant or otherwise received a source of funds other than its own funds.

February 19, 2019

EXHIBIT B**RESPONSIBLE BIDDER**

For any construction project undertaken by the Village to which the Illinois Prevailing Wage Act, 820 ILCS 130/0.01 et seq. is applicable, in order to be considered a "responsible bidder" on Village Public Works Projects, a bidder must comply with the following criteria, and submit acceptable evidence of such compliance, in addition to any other requirements as determined from time to time by the Village for the specific type of work to be performed:

- (a) Compliance with all applicable laws and Village Codes and Ordinances prerequisite to doing business in Illinois and in the Village;
- (b) Compliance with:
 - a. Submittal of Federal Employer Tax Identification Number or Social Security Number (for individual), and
 - b. Provisions of Section 2000e of Chapter 21, Title 42 of the United States Code and Federal Executive Order No. 11246 as amended by Federal Executive Order No. 11375 (known as the Equal Employment Opportunity Provisions);
- (c) Furnishing certificates of insurance indicating at least the following coverages at minimum limits established by the Village: general liability, workers' compensation, completed operations, automobile, hazardous occupation, product liability, and professional liability;
- (d) Omitted
- (e) Participation in apprenticeship and training programs approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training;
- (f) Compliance with the applicable provisions of the Illinois Human Rights Act and the rules of the Illinois Human Rights Commission, including the adoption of a written sexual harassment policy;
- (g) Furnishing of required performance and payment bonds;
- (h) Furnishing certification of no delinquency in the payment of any tax administered by the Illinois Department of Revenue;
- (i) Furnishing certification that the bidder is not barred from bidding or contracting as a result of a violation of either Section 33E or 33E-4 of Chapter 720, Article 5 of the Illinois Compiled Statutes; and
- (j) Furnishing evidence that the bidder has not only the financial responsibility but also the ability to respond to the needs of the Village by the discharge of the contractor's obligations in accordance with what is expected or demanded under the terms of the contract.
- (k) Acknowledgement that the Village intends to utilize its standard Professional Services Agreement.

CERTIFICATIONS BY CONTRACTOR

Eligibility to Contract

The undersigned hereby certifies that the Contractor is not barred from bidding on or entering into this contractor as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Human Rights Act

The undersigned hereby certifies that the Contractor is in compliance with Title 7 of the 1964 Civil Rights Act as amended and the Illinois Human Rights Act as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Drug-Free Workplace Act

The undersigned, **having 25 or more employees**, does hereby certify pursuant to section 3 of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate Regarding Sexual Harassment Policy

The undersigned does hereby certify pursuant to section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Substance Abuse Prevention on Public Works Projects Act

The undersigned hereby certifies that:

- A. There is in place a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635), and has provided a written copy thereof to the Village of Tinley Park.
- B. There is in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635)

(Cross out either A or B depending upon which certification is correct)

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Prevailing Wage Requirements

The undersigned hereby certifies that:

This contract calls for the construction of a “public work,” within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 et seq. (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://www.state.il.us/agency/idol/rates/rates.HTM>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department’s web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage requirements and notice and record keeping duties.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with the Village of Tinley Park Responsible Bidder Ordinance

The undersigned or the entity making the proposal or bid has reviewed and is in compliance with the Village of Tinley Park Responsible Bidder Ordinance No. 2009-O-002.

Name of Contractor (please print)

Submitted by (signature)

Title

Required Insurance

The selected Proposer, at its sole cost and expense, shall maintain at all times during the course of the Work, the following types of insurance:

- (1) Workers Compensation Insurance to cover full liability under Worker's Compensation laws of the State in which the project is located with Employers' Liability coverage in limit not less than \$1,000,000.00.
- (2) Comprehensive General Liability Insurance on an "occurrence" basis for the hazards of operations, independent contractors, products and completed operations (for two [2] years after the date of Final Acceptance of the Work by Owner), and contractual liability. Such Comprehensive General Liability insurance must include broad form property damage and afford coverage for "personal injury" liability insurance. All General Liability Insurance shall be per location aggregate. Such insurance shall include an endorsement providing that the insurance afforded under Contractor's policy is primary insurance as respects Owner and that any other insurance maintained by Owner is excess and noncontributing with the insurance required hereunder. The insurance required shall be in limits not less than the following:
 - a) Property damage and bodily injury liability:
\$1,000,000 each occurrence
\$2,000,000 aggregate
 - b) Personal injury liability:
\$2,000,000 aggregate
- (3) Comprehensive Automobile Liability Insurance covering all owned, non-owned and hired automobiles. The insurance required shall be in limits not less than:
 - a) Property damage and bodily injury liability:
\$1,000,000 each person
\$1,000,000 each occurrence
- (4) Comprehensive Catastrophe Liability Insurance (Umbrella) of Two Million Dollars (\$2,000,000) on items 1, 2 and 3 above.
- (5) Errors and Omissions Insurance of One Million Dollars (\$1,000,000) per claim and One Million Dollars (\$1,000,000) aggregate.
- (6) The Village of Tinley Park and its officers, officials, Village President and Board of Trustees, agents, employees, volunteers, representatives, assigns, successors, transferees, licensees, invitees, and attorneys to be included as an additional insured for insurance coverage required in items 2, 3 and 4 above using the additional insured form ISO form CG 2010 (11/85) or its equivalent.

As evidence of coverage 1, 2, 3 and 4, Owner is to receive a certificate of insurance, setting forth the nature of the coverage, the limits of liability, the name of the insurance carrier, policy number, the date of expiration and listing the additional insured as set forth in item 6 above. Each carrier shall agree to furnish at least thirty- (30) day's prior written notice of cancellation or material change in coverage.

REQUIRED INSURANCE

The selected Proposer, at its sole cost and expense, shall maintain at all times during the course of the Work, the following types of insurance:

- A. **Worker's Compensation and Employer's Liability** with limits not less than:
 - a. (1) Worker's Compensation: Statutory;
 - b. (2) Employer's Liability;
 - c. \$1,000,000 injury-per occurrence
 - d. Such insurance shall evidence that coverage applies in the State of Illinois.

- B. **Comprehensive Motor Vehicle Liability** with limits for vehicles owned, non-owned or rented not less than:
 - a. Bodily Injury/Property Damage: Combined Single Limit: \$1,000,000 per accident

- C. **Comprehensive General Liability** with coverage written on an "occurrence" as is and with limits no less than:
 - a. Each Occurrence: \$ 1,000,000
 - b. General Aggregate: \$2,000,000
 - c. Products and completed operations: General Aggregate: \$2,000,000

- D. Coverage's shall include:
 - a. Premises/Operations
 - b. Independent Vendors
 - c. Personal Injury (with Employment Exclusion deleted)
 - d. Broad Form Property Damage Endorsement
 - e. Blanket Contractual Liability (must expressly cover the indemnity provisions of this Contract)

- E. **Umbrella Policy.** The required coverage's may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss. This policy should apply to the Commercial General Liability and Motor Vehicle Coverage. Minimum amount \$5,000,000 in combination. An exception for a lower limit may be granted at the discretion of the Village of Tinley Park. Such an exception could be based upon other criteria such as a review of their safety record, information provided by references, and/or any established prior job performance on behalf of the Village.

Village of Tinley Park shall be named as an Additional Insured on the Comprehensive General Liability, Comprehensive Motor Vehicle Liability and Umbrella/Excess Policies. An endorsement naming the Village an additional insured must be submitted With the Certificate of Insurance. All insurance policies are to be placed with insurers authorized to conduct business in the state with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to the Village.

F. **Other Insurance Provisions -**

The insurance policies are to contain, or be endorsed to contain, the following provisions:

- a. The Entity, its officers, officials, employees, and volunteers are to be covered as additional insureds on the general liability, auto and umbrella/excess policies. An endorsement naming the Village an additional insured must be submitted with the Certificate of Insurance
- b. For any claims related to this project, the insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the Entity, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the Entity, its officers, officials, employees, or volunteers shall be excess of the Vendor's insurance and shall not contribute with it. Vendor shall procure and maintain for the duration of the contract, and for 2 years thereafter, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Vendor, his agents, representatives, employees.
- c. Each insurance policy required by this clause shall provide that coverage shall not be canceled, except with notice to the Entity.
- d. Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to the Entity.
- e. Waiver of Subrogation: Vendor hereby agrees to waive rights of subrogation which any insurer of Vendor may acquire from Vendor by virtue of the payment of any loss. Vendor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the Entity for all work performed by the Vendor, its employees, agents.

01010 – SUMMARY OF WORK**PART 1 - GENERAL****1.01 Project Description**

- A. The project consists of lawn and landscape maintenance work throughout the Village of Tinley Park. Project related information is as follows:
1. Project Name: Tinley Lawn Maintenance 2019
 2. Project Location: Scattered sites throughout the Village of Tinley Park, Illinois
 3. Owner: Village of Tinley Park (the Village)
 4. Landscape Architect: site design group, ltd. (*site*)
- B. The site maintenance work consists of, but is not limited to:
1. Regular lawn maintenance services on Village owned or Village maintained sites.
 2. Regular weed control services on Village owned or Village maintained paved median areas.
 3. On-demand services- to be requested and approved by the Village on a case by case basis.

1.02 Contractor use of Premises

- A. General: During the project period the Contractor shall have full use of the premises for maintenance operations, including use of the sites. The Contractor's use of the premises is limited only by the Owner's right to perform maintenance operations with its own forces or to employ separate contractors on portions of the project.
- B. The Contractor is responsible for the repair and/or replacement of areas damaged by project operations.
- C. All damaged areas shall be restored to the existing condition prior to the damage.

1.03 Contractor Responsibilities

- A. The Contractor's responsibilities include, but are not limited to:
1. Keeping contract areas well maintained at all times as noted in contract specifications.
 2. Minimizing disruption to curbs, pavement and street traffic.
 3. When required, provide traffic protection and control.
 4. Secure all required work permits.
 5. Provide in-kind replacements or repairs for any damages incurred while performing contract work, including but not limited to private property such as fences or mailboxes, and public ROW such as turf repairs from ruts, or overspray from herbicide applications.

END OF SECTION

Village of Tinley Park**Lawn Maintenance 2019****SCOPE OF WORK:**

The Village of Tinley Park (VOTP) in its role of maintaining village-owned properties seeks the services of a capable Contractor to coordinate and deliver landscape maintenance services at VOTP owned or VOTP maintained properties, such as right-of-ways and detention pond locations. The Contractor shall perform the following general services during the growing season, which is March 15th through December 1st.

- **Lawn Maintenance:** Provide complete lawn care including mowing for all areas as detailed in the bid breakdown.
- **Paved Area Weed Control:** Provide weed control services on select paved areas, and other related work in areas listed in the detailed bid breakdown.
- **Regular Work Reporting:** On a weekly basis, provide daily work logs that include the locations where work was completed, and the dates and the types of work done. On a monthly basis, provide a general summary of the work completed, any pest or disease issues or other concerns noted in regular site visits and field inspections.
- **On Demand Lawn Maintenance:** When directed by the Street Superintendent or approved representative, perform mowing and maintenance services at non-regular mowing sites as requested.

BID REQUIREMENTS

Bid pricing must be added to the attached detailed bid tab sheet. The cost must be broken down for each area per mowing and total for the entire growing season (estimated at 32 mowings). The contract(s) will be in effect for the entire 2019 growing season. The growing season is March 15th through December 1st. Dependent on weather conditions, treatment may or may not be needed for the entire growing season or the listed season may need to be extended beyond the listed time. The bids should reflect any increase or decrease in treatment months. The contract(s) will have the option for two (2)- one year extensions. The extension will be based on good workmanship and price. On occasion new on-demand work may be needed in addition to regular maintenance work items. Prices for on-demand services including labor should be included in the bid separate from regular maintenance. Any on-demand services must be approved by Street Superintendent or designated Street Foreman.

EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND WORK SITES:

Bids Due 3/5/2019

7946 Tinley Lawn Maintenance 2019

02925-1

LANDSCAPE MAINTENANCE

Before submitting a bid, the prospective bidder shall carefully examine the provisions of the contract. The bidder shall inspect in detail the sites of the proposed work, investigate and become familiar with all the local conditions affecting the contract and fully acquaint themselves with the detailed requirements of construction.

TERMINATION OF CONTRACT

The Village may cancel the contract at any time for any reason upon giving 30 day written notice to the Contractor. The Village shall have the right to cancel this Agreement immediately without prior written notice for any breach of any provision of the contract if not cured within 14 days from written notice from the Village.

PRE-CONSTRUCTION MEETING:

Upon execution of the contract with the successful bidder, the Village will schedule a meeting with the Contractor. The Contractor shall submit a work schedule on or before this meeting. In attendance shall be the Contractor's representative on the job; i.e., Construction Superintendent or Foreman. On, or before this meeting, the Contractor and Village Street Foreman shall inspect the work site to determine the existing conditions.

1. Purpose - To discuss and resolve any problems regarding the work prior to the Contractor starting work. This includes the schedule of construction operations and interpretation of the Special Provisions and/or plans.
2. Attendance - Street Superintendent, Street Foremen, Contractor, Utility Company representatives, if utility work or adjustments are required. Also, any other persons as may be deemed necessary.
3. Specification information regarding source of materials, who is responsible for testing of materials, what, if any, work will be sublet, responsibility for maintaining traffic or detours, and any other problems relating to the work are to be discussed.
4. A roster will be prepared which will list the names, addresses and telephone numbers of all parties concerned. Twenty-four (24) hour a day and emergency contact persons and phone numbers shall be listed.

USE OF FIRE HYDRANTS

If the Contractor desires to use water from hydrants, he shall make application to the proper authorities, and conform to the municipal ordinances, rules or regulations concerning their use. Water from hydrants or other sources shall be at the Contractor's expense unless otherwise provided in the Special Provisions.

List of hydrants used must be turned in to Street Superintendent or assigned representative weekly. Contractor is responsible for reporting any malfunctioning or damaged hydrants.

Fire Hydrants shall be accessible at all times to the fire department. No material or other obstructions shall be placed closer to a fire hydrant than permitted by municipal ordinances, rules or regulations, or within ten feet (10') of a fire hydrant, in the absence of such ordinances, rules or regulations.

Bids Due 3/5/2019

QUANTITY CHANGES:

VOTP reserves the right to add or delete areas to be maintained under the regular mowing, treatment and bed maintenance programs at the unit prices bid.

LOCATION OF UTILITIES:

Before starting any digging, the Contractor shall contact JULIE for location of any and all utilities (if necessary). The toll-free number is 800-892-0123.

The Contractor is responsible for notification and coordination with JULIE for location of any and all utilities before and throughout the length of the contract.

NOTICE:**Village Notification**

A minimum of forty-eight (48) hours notice shall be given to the VOTP prior to starting work, or restarting work after some absence of work for any reason. VOTP must be notified by the next business day if there have been any employee assignment changes to the crew assigned to the Village. Notification may be done by email, phone call or in person.

NOTIFY: Public Works
 Street Department:
 708-444-5520 Kelly Mulqueeny
 708-444-5526 Jimmy Quinn
 708-444-5527 Steve Grossi
 Public Works
 Facilities Department:
 708-444-5595 Dave Galati
 708-444-5500 Village Hall

For all pesticide application notifications, the following list of contacts must be emailed a minimum of 24 hours prior to the work:

Kelly Mulqueeny kmulqueeny@tinleypark.org
 Terry Lusby Jr. tlusby@tinleypark.org
 Terri Chojnacki tchojnacki@tinleypark.org
 David Galati dgalati@tinleypark.org
 Denise A. Maiolo dmaiolo@tinleypark.org
 Laura Godette lgodette@tinleypark.org
 Jimmy Quinn jquinn@tinleypark.org
 Steve Grossi sgrossi@tinleypark.org

PROTECTION AND SAFETY OF PEDESTRIANS: Work zone safety shall be practiced and maintained at all times until the project work is completely finished. Landscape work is obviously situated in areas traveled by pedestrians. The landscape work in this contract will be encountered by motorist, pedestrians and bicyclists throughout the growing season, for this reason the contractor must anticipate

Bids Due 3/5/2019

7946 Tinley Lawn Maintenance 2019

02925-3

LANDSCAPE MAINTENANCE

this and accommodate them. Any potential hazards to the general public due to materials, equipment, obstructions, tripping hazards, drop-offs or any hazardous aspects of the work must be remedied or properly protected and barricaded. Grass clippings may not be blown into streets or sidewalks.

WORK DAYS & NOISE LIMITATIONS: All work within the defined limits of the project shall be performed between the hours of 7:00 AM and 7:00 PM, Monday through Friday, and between 9:00 AM and 5:00 PM on Saturday, unless authorized at the sole discretion of VOTP. No work is to be performed or left open on Sunday or the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas. In rare instances, work conducted at public facilities such as Village Hall may be required outside the standard hours in order to work around a conflict as directed by the Street Superintendent.

VILLAGE SPECIAL EVENTS: The Village has several special events throughout the year, typically held in the downtown area which may require all landscape maintenance work to be completed immediately beforehand so the sites are looking their best. These events include but are not limited to:

- Village Block Party (usually around the 3rd Sunday in July)
- Farmers Markets
- Music performances
- Movie showings

CLEAN-UP: The Contractor shall be responsible for thoroughly cleaning up any and all areas affected by their work. All grass clippings, gravel, debris, and landscape related materials shall be completely removed from sidewalks, driveways and roadways. No grass clippings shall be blown in the direction of fresh air intakes, windows, entryways, walkways, roadways, parking lots, mulched or flower beds of the facilities surrounding the work area. All parkways must be left neat. If the area has not been cleaned properly, VOTP Public Works will use a mechanical street sweeper or any other equipment we deem necessary to clean the area. All clean-up related work shall be incidental in cost to the contract work.

No work shall be left incomplete over holidays.

DISPOSAL OF DEBRIS AND EXCAVATED OR REMOVED MATERIALS: The Contractor shall be responsible for satisfactory removal and disposal of all waste material, stone, dirt, or debris generated in the course of the work. As well as any litter found in the area. Contractor will completely remove all litter prior to mowing.

PARKWAY TREES: The Contractor shall inspect each work site in advance and arrange to execute the work in a manner which will not cause injury to trees. Any tree limbs that might be damaged by equipment operations should be protected by the contractor. Any tree limbs that are broken by construction equipment shall be reported to VOTP. The Village will neatly prune the damaged limb at the Contractor's expense.

Bids Due 3/5/2019

7946 Tinley Lawn Maintenance 2019

02925-4

LANDSCAPE MAINTENANCE

DAMAGES: Work under this pay item shall include providing all the materials, labor and equipment necessary to remove and replace damaged areas that was caused by the contractor. VOTP will not provide a dumpsite for this material.

Ruts caused by equipment or vehicles must be restored to their original state. Seed is acceptable for damaged areas smaller than 9”.

CONTRACTOR’S RESPONSIBILITIES

In providing the services under this Contract, the Contractor shall:

1. Exercise safe, sanitary and sound-business practices with the skill, care and diligence normally shown by professional landscapers.
2. Require all employees to wear suitable uniforms during the time they are on Village property.
3. Supply an adequate number of trained and fully insured personnel to perform all work.
4. Require one employee on a crew to understand all verbal and written instructions in English issued by the Street Superintendent or representative.
5. Remove all rubbish, debris and wastes from the location(s), resulting from the work performed, in an orderly and safe manner and legally dispose of same.
6. Provide evidence of all licenses and permits that may be required for all contract activities.
7. Provide required notification of chemical application on public areas as required by law.
8. Require all personnel to report any hazardous or out of the ordinary conditions, as well as any vandalism, theft, deterioration, graffiti, damage, spills, evidence of rodent or animal infestation, unusual activity or the like, that may affect the operation and/or safety on Village properties, to the Street Superintendent, or representative. Any item in need of repair or replacement shall be reported on the same day it is observed.
9. Provide all consumable supplies, fertilizers, chemicals, water, equipment, tools, materials, containers, transportation, insurance, and labor required fulfilling the Contract and ensuring the health, vitality and appearance of plants and lawns.
10. Maintain control of weeds occurring in any adjacent sidewalks.
11. Address brush and other non-turf type weeds along edges of natural storm water creek routes.
12. Report any damaged areas and provide soil and seed in the spring to repair edges of high profile areas where damage has been caused due to winter operations. These repairs shall be considered an “on-demand” service.

Bidders shall also submit the names, experience and licenses for its Commercial Pesticide Applicator(s) that shall be used for spraying weeds and pest control.

Bids Due 3/5/2019

7946 Tinley Lawn Maintenance 2019

02925-5

LANDSCAPE MAINTENANCE

COORDINATION WITH VILLAGE CREWS AND OTHER CONTRACTORS

Village crews or other contractors may need access to the areas of work outlined in this contract from time to time. The Village will give advanced notice wherever possible when these instances arise, so that appropriate scheduling and coordination can take place to avoid any potential conflicts that may arise. For example, the Village anticipates the Harlem Avenue medians will have a separate project completing irrigation work in 2018.

REPORTING REQUIREMENTS

The Contractor shall submit reports (e.g., weekly, monthly, annually, etc.) in any form, content, and substance that may be required by the Street Superintendent, or representative at any time during this Contract. It shall be initially required that the Contractor provides the following reports to VOTP:

- Advanced notification of implementation of “On Demand” projects in addition to all pesticide applications.
- Weekly report of the work week, outlining all completed activities (e.g., installation, maintenance, spraying, seeding, etc.) and staffing and indications of locations serviced.
- Monthly summary, with Contractor’s invoice, of all work performed during the preceding month as well as any problems incurred, solutions provided recommendations and new or outstanding issues that may be of relevance to the operation.
- Annual summary of the preceding year’s activities and a preliminary forecast of the coming year’s activities or concerns if applicable.
- Advanced notification of chemical application schedule, minimum of two days in advance to notify staff.

MEETINGS

It is anticipated that there will be required meetings between VOTP and the Contractor. These meetings may include representatives of other Village Departments and/or other Contractors or consultants, at the Street Superintendents’ discretion. It is initially anticipated that there will be a monthly meeting, March through December, to discuss landscape maintenance issues. If necessary, additional Quality Assurance (QA) meetings will be scheduled by the Street Superintendent to review Village of Tinley Park’s standards as well as the overall quality of the Services. **An initial QA meeting to discuss start-up issues and requirements shall be scheduled upon Contract award.**

Attendance by the Contractor at all scheduled meetings shall be mandatory. The Contractor shall have a sufficient number of management level personnel (e.g., owner, superintendent, horticulturist, foremen) with decision-making authority available to attend meetings when scheduled. In any year of the Contract, if the Contractor fails to attend meetings, V.O.T.P. may seek corrective measures that could include delays in the processing of Contractor’s invoice.

STAFFING PLAN

Bids Due 3/5/2019

7946 Tinley Lawn Maintenance 2019

02925-6

LANDSCAPE MAINTENANCE

The Contractor shall be responsible for employing and assigning a staff of competent personnel who are fully licensed, insured and qualified to perform the landscape work as required by this contract. At the onset of the Contract the Contractor shall provide staffing schedules for the Street Superintendents' review and approval. Staffing issues shall be reviewed at monthly meetings as required. Bidder shall describe anticipated maximum and minimum crew sizes with its bid. Bidder shall also provide a list and description of any work to be performed by subcontractors with its bid.

SUPPLY AND EQUIPMENT REQUIREMENTS

As described under "Contractor's Responsibilities," the Contractor shall supply all consumable supplies. Any costs for supplies shall be included as part of the bid price. Bidder shall submit a list of proposed supplies indicating a description and the brand name of each. Additionally, upon request the Contractor must provide a completed Manufacturer's Standard Material Safety Data Sheet (OSHA Form #20) for all fertilizers, herbicides and pesticides that may be used for the contract.

Any equipment or supplies of improper type or design or inappropriate for the intended use, shall be replaced with satisfactory equipment or supplies at the Contractor's expense. Also, upon request the Contractor shall submit where it will warehouse and how it will transport the equipment to and from the site.

LIST OF SITES

The following list of sites is provided as a reference. VOTP may add or delete sites from the list as future maintenance needs may change. The acreages and square footages provided here are given as an estimate, and VOTP does not guarantee their accuracy. An estimated boundary of each site can be found in the corresponding map book on the page listed under the "Map Grid #" column. Some sites span more than one page, but in those cases only one map grid number is given.

ID #	Ma p Gri d #	Mowing Areas	Area (Acres)
M001	1	Apple Pond & Creekmont	1.04
M002	2	80th Av Parkways 159th-163rd st	1.73
M004	2	E. on 163rd - 80th Ave. to 84th Ave. by Com Ed R.O.W.	0.21
M005	2	Pond north side of 163rd St. & Evergreen	5.87
M006	3	76th Av Medians Between 161st & 165th	3.92
M007	3	Pond north side of Helen Keller School	3.71
M009	5	Centennial Dr - Brementowne Dr. by retirement home	0.69
M010	5	Kingston Ct. & Brementowne Dr.	0.24
M011	5	Centennial Circle Pkwy behind Menards	0.19
M012	5	Village Hall 16250 S. Oak Park Ave.	4.07
M013	4	Harlem Ave - between 161st and 163rd	0.13
M014	5	Oak Park north of 163rd St	0.96
M015	14	Pond North side of 168th St.	2.41
M016	8	167th St. north side Com Ed R.O.W.	0.17
M017	8	80th Av Parkways 163rd-167th st	0.79

Bids Due 3/5/2019

M019	9	Lake Villa Ave and 163rd St	2.26
M020	9	Post 7 - 164th & Harlem Ave. E. side	0.10
M021	9	Harlem Ave. & 163rd St. island	0.53
M022	11	167th St Medians	0.01
M025	12	Post 1 -167th St Pump and Tanks 6640 167th St	1.68
M027	13	Easement North side of James St. Ridgeland to Leslie Ann	1.40
M028	14	Pond 167th St. & Cherry Hill	3.51
M029	14	Plum Ct. Pond	3.01
M030	14	Pond North side of 168th St.	2.29
M031	8	167th St. south side Com Ed R.O.W.	0.16
M032	15	169th St. Waterford Pond easement	0.23
M033	15	Pond Waterford & 169th St.	3.50
M034	15	171st St from 84th to Grissom Dr (north side)	0.34
M035	15	Easement behind Kirby School (17000 80th Ave)	4.96
M036	15	Post 5 - Bayberry Plaza Guardrail	0.48
M037	10	7606 & 7605 167th St. guardrail by creek	0.05
M038	16	171st St from Olcott Ave to 80th Ave	0.53
M039	16	80th Av Parkways 167th-171st	0.95
M041	17	Harlem and 168th Pl (southwest corner)	1.68
M044	17	170th & Olcott parkway by bridge	1.68
M045	17	170th Pl. & Harlem guard rails E. & W. side	0.17
M047	17	170th Pl. & Oketo Ave. - empty lot	0.18
M049	17	Harlem Ave Median Sandy Ln to 170th	0.09
M050	17	Pond 171st & Olcott	10.89
M051	18	Easement North side Sayre Ave. & 168th St.	0.25
M052	18	Oak Park Ave. medians - 168TH St to 171st	0.44
M057	19	Ridgeland Ave. - 167th St. to Willow Ln.	1.47
M058	19	Willow Lane Ditch	1.50
M059	13	167th St Parkway along cemetery	0.25
M060	20	Andres Pond	0.99
M061	20	Christopher Ct. island	0.07
M062	20	Gaynelle Bridge - parkways	0.15
M063	22	171st St Parkway - 92nd Ave to 94th Ave	0.33
M064	22	94th Ave Parkways 171st-175th	1.78
M065	22	Briar & Thornwood pond	1.31
M066	23	88th Ave - 172nd to 174th both sides of street	1.31
M067	15	171st St Parkways 92nd Ave to 88th Ave	1.15
M068	23	Thumberry Ln and Shetland Dr Vacant lot	0.56
M069	23	Mill Run & 171st St. pond & parkways	0.38
M071	23	175th St Parkway	3.08
M072	23	Pond 88th Ave. & 175th St. Timbers	2.23
M073	24	171st St from Valley Dr to 84th Ave (south)	0.29
M074	24	175th St. 84th Ave. to Castle - parkways on N. side	0.33
M075	25	84th Ave. - 171st to 175th St.	1.16
M077	25	175th St. at ComEd right-of-way	0.27

Bids Due 3/5/2019

7946 Tinley Lawn Maintenance 2019

02925-8

LANDSCAPE MAINTENANCE

M080	16	171st St Parkway - 80th to Ozark Ave (south side)	0.26
M081	26	172nd St. & 80th Ave. S. of Walgreens pond easements	0.15
M083	26	175th St. - Oriole W. to town homes on N. side of street including the lift station	1.96
M084	26	Easement North side of 175th St. Ozark to Post 3	0.51
M086	27	Post 4 - 173rd St. between Oriole Ave. & Oleander Ave.	0.20
M087	27	175th Odell Av- Oriole Av	6.19
M088	18	171st St. & New England - parkways N. & S. sides	0.29
M090	40	Easement Triangle 175th St. & Hickory St.	0.25
M091	29	6720 North Street	0.27
M093	29	6742 North St	0.44
M093 A	31	172nd St/66th Ct from 67th Ct to 173rd St	0.63
M096	31	Oak Park Av Train Stationn north of RR	0.78
M098	29	Old Central School Lot	3.32
M099	29	Safety/Fire/Public Lot 17355 68th Ct	0.23
M100	29	Subway Parking Lot 17217 Oak Park Av	0.22
M101	31	Oak Park Av Train Station south of RR	0.14
M102	31	Easement 64th Ct. & Ridgeland	0.91
M103	31	Easement North side Oak Forest Ave. 67th Ave. to Ridgeland	0.81
M104	34	94th Ave Parkways 175th-179th	3.47
M105	22	9191 W 175th St	0.09
M107	34	Ash & 176th - (9200 West)	0.16
M108	36	84th Ave from 175th to 179th	0.43
M109	36	Pond across from Prairie View School (8500 175th St) on 175th St.	3.17
M110	36	Pond north side of 179th St. & 86th	3.41
M111	36	S. of 175th at 88th Ave. - N. side of 175th St.	0.26
M113	37	175th St. & 80th Ave. W. parkways	0.58
M114	37	175th St. & Queen Mary Pond	1.73
M115	37	179th St. - 80th Ave. to 84th Ave. - parkways	8.18
M116	37	Post 11 - empty lot on Cloverview	0.26
M117	39	Sandalwood - guardrail	0.13
M118	26	Bristol Park Pond	0.72
M119	40	179th St Parkways - Harlemt to Sayre	0.46
M120	40	Hickory Street Pump Station and N side of Hickory St	1.78
M121	43	Texas Roadhouse Drive/White Eagle Drive east	0.73
M122	43	Texas Roadhouse Drive/White Eagle Drive west and N and S 183rd St parkways	0.78
M123	44	183rd 94th Ave-White Eagle	4.88
M127	46	Pond South side 179th St. & 86th	3.56
M129	45	Pond Newcastle Drive & Mansfield Dr	13.54
M130	35	S 179th St Golden Pheasant to Upland Dr	0.90
M132	47	80th Av Parkways 179th-RR	0.16
M133	47	80th Av Parkways RR-183rd st	0.70
M134	47	Cork Rd Pond	0.70
M135	48	183rd St easement 76th to 80th (south side)	0.08

Bids Due 3/5/2019

7946 Tinley Lawn Maintenance 2019

02925-9

LANDSCAPE MAINTENANCE

M136	48	7850 183rd St PW area	3.71
M137	48	7850 183rd St Police Station	2.22
M137	48	7850 183rd St Police Station and PW area	0.95
M138	48	80th Av Parkways RR-183rd st east side	0.42
M139	48	80th Av Train Station	7.24
M142	48	Berm ESDA Garage (7780 183rd St)	0.63
M143	48	Easement Veterans Parkway 76th Ave to Timbers Drive	9.04
M144	40	Fire Training Tower	0.37
M145	48	Harlem Ave Median 177th St to 191st St	2.13
M148	51	Easement 182nd Street & Sayre Avenue	0.77
M149	52	181st St. & 65th Ave. Detention N. & S.	1.52
M150	53	Easement 183rd St & Ridgeland	1.37
M151	52	183rd St. & Oak Park Ave. cornerse	0.44
M152	53	Easement 181st St. & Highland	0.59
M153	44	183rd 91st Ave-94th Ave	1.42
M156	55	92nd Ave. S. of 183rd parkway	1.03
M159	46	183rd Black Oak Dr-88th Ave	0.26
M160	58	183rd ST PARKWAY 183rd PL to Tralee Trl	0.83
M161	59	185th St Parkway	0.32
M163	61	North & South Sides of Creek Next to Jovan Broadcasting	4.15
M164	65	Easement Prosperi & 191st	2.87
M165	67	Fairfield Glen - parkway - wetlands	0.18
M166	69	80th Ave. - parkways 191st St. to Greenway Blvd.	1.63
M168	63	Brookside Glen Dr and 191st	0.85
M169	71	Post #13 Brookside Glen lift stations 7408 1/2 W Ridgefield Lane E. & W. of 80th Ave.	0.24
M170	62	Tinley Park signs weed killer Ridgeland Av & Vollmer Rd	0.00
M171	45	18301 S Ridgeland Post 2 - 183rd St Pump and Tanks	2.99
M172	67	183rd st pond between 91st ave and Hilltop Ct	2.21
M173	68	88th Ave parkways both sides from Brookside Glen Dr to southern village boundary	1.59
M174	77	Brookside Glen Dr parcel perpendicular to Meadows Edge Trl	0.22
M175	30	80th Ave parkways east and west sides	2.10
M177	11	167th St Parkways	0.94
M178	11	Oak Park Frontage Rd Island (between 165th Pl and 164th St)	0.46
M179	11	Vacant Lot (between Sussex Rd and Chelsea Rd)	0.25
M180	13	Turf Median Half Circle on Ganynelle Rd	0.18
M181	18	Small parking lot perimeter on 171st st and oak park ave (west of oak park and north of 171st)	0.04
M182	20	Parkways on N and S forest Glenn (east of ridgeland; including vacant lot)	0.36
M183	24	Parkway on E side of 88th ave (from 175th St two houses north)	0.11
M184	26	Vacant Lot (North of 173rd and West of Oriole Ave)	0.10
M185	26	Rear easement behind homes (West of Ozark Ave N of 174th)	0.25
M186	28	Vacant Lot (W of 175th and N of Hickory St)	0.44
M187	38	80th Ave East Parkway (From Cartier Ave to Champlain Ave)	0.20
M189	52	183rd st North Parkway (W of M150 to about 200 feet before 65 Ct)	0.57

Bids Due 3/5/2019

M190	57	183rd Pl north side parkway (W of Crossing Dr)	0.88
M192	12	Mowing strip south of Terrace Dr and east of 66th ave (behind homes and around pond)	1.24
M193	22	LaGrange Rd medians (171st St to 179th St)	4.05
M195	44	171st St median (just east of 80th Ave)	0.17
M196	16	Tinley Downs Northern Portion(mowed weekly)	6.37
M197	26	Pond area N of 172nd and E of 80th	1.03
M199	28	East side of southernmost tip of 69th ave	0.11
M200	18	S of "H" Shaped building East of Harlem Ave	0.62
M201	1	Post 6	0.02
M202	22	LaGrange Road Median	0.68
M203	22	Vacant Lot 9559 175th St	0.54

LIST OF MAINTENANCE SERVICES TO BE PERFORMED

A detailed breakdown of the maintenance category that applies to each site can be found on the bid tab pages. In general, turf sites require regular mowing, landscape beds and monument sign areas require the bed maintenance program, and paved median areas require weed control program.

REGULAR MOWING

1. Spring Cleanup- Remove all leaves and debris from turf areas and adjacent sidewalks, curbs and parking lot areas.
2. Mowing, Trimming- Contractor shall mow each site weekly throughout growing season as needed. String trimming will be needed around curb and sidewalk edge as well as around fences, poles, signs and other obstructions. Remove all litter, debris and twigs from each site on a weekly basis prior to each mowing. Grass clippings shall be cleaned up and removed from the site.
3. Fall Cleanup- Remove all leaves and debris from turf areas and adjacent sidewalks, curbs and parking lot areas.

PAVED AREA WEED CONTROL

1. Controlling Weeds- Paved areas to be sprayed with herbicide and weed whipped if needed, four times per growing season and inspected weekly for any supplementary weeding needs as is required to keep the areas completely weed free at all times.
2. Weed control includes any weeds present along curbs and paved roadway medians for the areas listed.

ON DEMAND SERVICES/ NEW WORK

1. Mowing- The "on demand" mowing areas are typically mowed 2-4 times per year, depending on conditions. These are considered separate from regular mowing sites since they consist of more naturalized vegetation and weeds than regular turf grass sites, and they do not require mowing nearly as often.

Bids Due 3/5/2019



Interoffice

Memo

Date: March 5, 2019

To: Kevin Workowski, Public Works Director

From: Kelly Mulqueeney, Street Superintendent

Subject: Contract Award Landscape Bed Maintenance

Presented for March 12, 2019 Village Board meeting agenda for consideration and possible action:

Description: Public Works, in its role of maintaining village-owned properties seeks the services of a capable Contractor to coordinate and deliver landscaping services in and around our landscaped beds at certain village-owned locations. In the past this was included with the mowing contract but it was separated in order to receive a higher service level. The contractor shall perform the following services:

- Weeding- Continued monitoring for weeds
- Mulching- a spring mulching and some areas receive a fall mulching
- Plant maintenance- Pruning, removal, replacement (additional fee), and monthly reports

Background: This RFP was advertised on February 20, 2019 and four (4) sealed proposals were received by the deadline on Tuesday March 5th, 2019, at 12:00 PM and recorded by the Village Clerk.

Recommendation:

Proposals were submitted by Christy Webber Landscapes (CW), Ridge Landscaping (Ridge), Beverly Environmental, LLC (Beverly) and Clarence Davids & Company (Clarence Davids). All four (4) of the sealed proposals were reviewed and rated by the scoring panel consisting of Kelly Mulqueeney, Jimmy Quinn and Mitch Murdock (Landscape Architect Consultant). The panel identified Christy Webber as the highest rated option.

Christy Webber scored consistently high marks for experience, qualifications and project references. Their cost proposal was also very competitive, so they scored very high in every category.

Ridge and Beverly submitted incomplete pricing which did not include some of the mulching work we requested in RFP.

Clarence Davids did not include a bid bond with their proposal, so their response was deemed ineligible and therefore not scored by the committee.

<u>Contractor</u>	<u>Location</u>	<u>Average Score</u>	<u>Estimated Amount</u>
Christy Webber Landscape	Brookfield, IL	90.3	\$149,760.25
Ridge Landscape	Mokena, IL	55.3	\$111,088.00*
Beverly Environmental, LLC	Markham, IL	47.7	\$138,040.00

*Contractor will increase prices annually

Budget / Finance: Funding in the amount of \$327,150.00 will be available in the FY20 Budget; Road and Bridge, Facilities, Water and CPL Operating and Maintenance Budget.

Budget Available	\$327,150.00
Lowest Bidder Mowing (Separate Contract)	(\$165,543.17)
Highest rated respondent for Landscape bed maintenance	(\$157,360.25)
Difference -Under BUDGET-	\$4,246.58

Staff Direction Request:

1. Approve the service contract for the FY20 Landscape Bed Maintenance in the amount of \$157,360.25 to Christy Webber Landscapes.
2. Direct Staff as necessary.

Attachments

1. Recommendation letter from Site Design Group.
2. Cost Comparison
3. Bid tabulations.



**Landscape Bed Maintenance Cost Comparisons
3/5/2019**

Low	Middle	High
-----	--------	------

Bed Maintenance Services Name/ Description	Christy Webber			Ridge			Beverly		
	2019 Yearly Cost	2020 Yearly Cost	2021 Yearly Cost	2019 Yearly Cost	2020 Yearly Cost	2021 Yearly Cost	2019 Yearly Cost	2020 Yearly Cost	2021 Yearly Cost
TOTAL BEDS MAINTENANCE	\$ 149,760.25	\$ 149,760.25	\$ 149,760.25	\$ 111,088.00	\$ 114,420.64	\$ 117,853.26	\$ 138,040.00	\$ 138,040.00	\$ 138,040.00
PER SQUARE FOOT UNIT COSTS FOR FUTURE SITE ADDITIONS	0.26	0.26	0.26	Not given	Not given	Not given	1	1	1
Name/ Description	2019 Yearly Cost	2020 Yearly Cost	2021 Yearly Cost	2019 Yearly Cost	2020 Yearly Cost	2021 Yearly Cost	2019 Yearly Cost	2020 Yearly Cost	2021 Yearly Cost
	7600	7600	7600	Not given	Not given	Not given	Not given	Not given	Not given
Non- Parkway Trees in Village managed turf grass sites									
On-Demand Services Name/ Description	2019 Price Per Unit	2020 Price Per Unit	2021 Price Per Unit	2019 Price Per Unit	2020 Price Per Unit	2021 Price Per Unit	2019 Price Per Unit	2020 Price Per Unit	2021 Price Per Unit
WATERING									
Provide water truck and watering services	\$ 53.00	\$ 53.00	\$ 53.00	\$ 150.00	\$ 155.00	\$ 160.00	\$ 85.00	\$ 85.00	\$ 85.00
PLANTING/ INSTALLATIONS									
Trees- 2.5" caliper	\$ 500.00	\$ 500.00	\$ 500.00	\$ 525.00	\$ 540.00	\$ 556.00	\$ 750.00	\$ 750.00	\$ 750.00
Shrub- 36" B&B	\$ 72.00	\$ 72.00	\$ 72.00	\$ 105.00	\$ 108.00	\$ 111.00	\$ 80.00	\$ 80.00	\$ 80.00
Shrub- 5 gallon	\$ 49.00	\$ 49.00	\$ 49.00	\$ 105.00	\$ 108.00	\$ 111.00	\$ 75.00	\$ 75.00	\$ 75.00
Shrub- 3 gallon	\$ 41.00	\$ 41.00	\$ 41.00	\$ 90.00	\$ 93.00	\$ 96.00	\$ 70.00	\$ 70.00	\$ 70.00
Perennial/ Groundcover- 1 gallon	\$ 11.00	\$ 11.00	\$ 11.00	\$ 25.00	\$ 26.00	\$ 27.00	\$ 65.00	\$ 65.00	\$ 65.00
Parkway Restoration	\$ 10.25	\$ 10.25	\$ 10.25	\$ 35.00	\$ 36.00	\$ 37.00	\$ 12.00	\$ 12.00	\$ 12.00
Sod Installation	\$ 15.00	\$ 15.00	\$ 15.00	\$ 12.00	\$ 13.00	\$ 14.00	\$ 15.00	\$ 15.00	\$ 15.00
Furnish and Install Mulch	\$ 65.00	\$ 65.00	\$ 65.00	\$ 105.00	\$ 108.00	\$ 111.00	\$ 70.00	\$ 70.00	\$ 70.00
Furnish and Install Soil	\$ 45.00	\$ 45.00	\$ 45.00	\$ 105.00	\$ 108.00	\$ 111.00	\$ 50.00	\$ 50.00	\$ 50.00
CLEANUP SERVICES									
Tree pit weeding	\$ 35.00	\$ 35.00	\$ 35.00	\$ 80.00	\$ 83.00	\$ 85.00	\$ 40.00	\$ 40.00	\$ 40.00
Trash pickup	\$ 35.00	\$ 35.00	\$ 35.00	\$ 80.00	\$ 83.00	\$ 85.00	\$ 40.00	\$ 40.00	\$ 40.00

Landscape Bed Maintenance- Sites Found in Landscape Beds Map Book

ID #	Map Grid #	Name/ Description	Area (Sq Ft)	Landscape Bed Maintenance	Monthly Price	2019 Yearly Cost	2020 Yearly Cost	2021 Yearly Cost
S03	1	159th/86th Gateway Sign	303	X		\$ 541.75	\$ 541.75	\$ 541.75
S006	3	76th Av Medians Between 161st & 165th	15693	X		\$ 7,525.00	\$ 7,525.00	\$ 7,525.00
S04	4	159th St & Harlem SW	868	X		\$ 1,208.00	\$ 1,208.00	\$ 1,208.00
S013	4	Harlem Ave - between 161st and 163rd	3759	X		\$ 3,541.75	\$ 3,541.75	\$ 3,541.75
S011	5	Centennial Circle Pkwy behind Menards	3047	X		\$ 5,229.50	\$ 5,229.50	\$ 5,229.50
S139	5	Village Hall 16250 S. Oak Park Ave.	11998	X		\$ 10,697.50	\$ 10,697.50	\$ 10,697.50
S021	9	Harlem Ave Median Beds	15078	X		\$ 9,873.00	\$ 9,873.00	\$ 9,873.00
S022	11	167th St Medians	5794	X		\$ 1,997.00	\$ 1,997.00	\$ 1,997.00
S191	11	Median on 163rd St (just east of Harlem) and Centennial	1589	X		\$ 1,171.00	\$ 1,171.00	\$ 1,171.00
S025	12	Post 1 -167th St Pump and Tanks 6640 167th St	5195	X		\$ 3,875.50	\$ 3,875.50	\$ 3,875.50
S14	18	Beds at SW corner of 170th St and Oak Park Ave and the 6 tree pit/ light pole beds immediately north and south of there along Oak Park Ave on the west side	3899	X		\$ 2,501.00	\$ 2,501.00	\$ 2,501.00
S061	20	Christopher Ct. island	395	X		\$ 1,219.00	\$ 1,219.00	\$ 1,219.00
S105	22	9191 W 175th St	1057	X		\$ 3,603.50	\$ 3,603.50	\$ 3,603.50
S193	22	LaGrange Rd medians (171st St to 179th St)	23670	X		\$ 8,183.00	\$ 8,183.00	\$ 8,183.00
S195	26	171st St median (just east of 80th Ave)	8456	X		\$ 5,168.50	\$ 5,168.50	\$ 5,168.50
S095	28	17200 Oak Park Ave	2205	X		\$ 2,478.25	\$ 2,478.25	\$ 2,478.25
S096	29	Oak Park Av Train Station north of RR	1634	X		\$ 1,708.00	\$ 1,708.00	\$ 1,708.00
S097	29	Vogt Plaza	2887	X		\$ 1,771.00	\$ 1,771.00	\$ 1,771.00
S099	29	Safety/Fire/Public Lot 17355 68th Ct	10829	X		\$ 8,205.00	\$ 8,205.00	\$ 8,205.00
S100	29	Subway Parking Lot 17217 Oak Park Av	1120	X		\$ 574.00	\$ 574.00	\$ 574.00
S101	31	Oak Park Av Train Station south of RR	26234	X		\$ 12,502.50	\$ 12,502.50	\$ 12,502.50
S132	31	Oak Park Av Train Station north of RR	3318	X		\$ 8,302.00	\$ 8,302.00	\$ 8,302.00
S122	38	80th Av Train Station	31740	X		\$ 13,090.00	\$ 13,090.00	\$ 13,090.00
S10	39	175th St & Duvan Dr	260	X		\$ 541.75	\$ 541.75	\$ 541.75
S07	42	175th St & Tinley Park High School	346	X		\$ 510.25	\$ 510.25	\$ 510.25
S156	44	92nd Ave. S. of 183rd parkway Beds	7824	X		\$ 3,962.50	\$ 3,962.50	\$ 3,962.50
S136	48	Public Works Garage	11020	X		\$ 2,312.00	\$ 2,312.00	\$ 2,312.00
S137	48	7850 183rd St Police Station	6082	X		\$ 3,407.00	\$ 3,407.00	\$ 3,407.00
S123	58	183rd Medians	12227	X		\$ 5,996.00	\$ 5,996.00	\$ 5,996.00
S145	60	Harlem Ave Median 177th St to 191st St	9556	X		\$ 7,618.50	\$ 7,618.50	\$ 7,618.50
S162	61	Convention Center Dr /183rd St.	2252	X		\$ 4,026.50	\$ 4,026.50	\$ 4,026.50
S171	62	18301 S Ridgeland Post 2 beds around building fence and monument sign	3865	X		\$ 2,702.50	\$ 2,702.50	\$ 2,702.50
S168	70	7801 191st St Fire House # 4 and median	4388	X		\$ 1,231.00	\$ 1,231.00	\$ 1,231.00
S111	64	Tinley Park signs 191st & Harlem	297	X		\$ 541.75	\$ 541.75	\$ 541.75
S174	68	Brookside Glen Dr parcel perpendicular to Meadows Edge Trl	1471	X		\$ 648.25	\$ 648.25	\$ 648.25
S041	71	Post #13 Brookside Glen lift stations 7408 1/2 W Ridgeland Lane E. & W. of 80th Ave. Bed surrounds the station.	1482	X		\$ 648.25	\$ 648.25	\$ 648.25
S09	75	Tinley Park signs Ridgeland Av & Vollmer Rd	213	X		\$ 648.25	\$ 648.25	\$ 648.25
						\$ 149,760.25	\$ 149,760.25	\$ 149,760.25

		PER SQUARE FOOT UNIT COSTS FOR FUTURE SITE ADDITIONS		X	/SF	/SF	/SF	/SF
--	--	---	--	---	-----	-----	-----	-----

ID #	Map Grid #	Name/ Description	Area (Sq Ft)	Non-Parkway Tree Mulching	2019 Yearly Cost	2020 Yearly Cost	2021 Yearly Cost
N/A	N/A	Non- Parkway Trees in Village managed turf grass sites	N/A	X	N/A		

Landscape Bed Maintenance
 RFP Scoring Sheet
 3/5/2019

Category	Scoring	Mitch	Kelly	Jimmy	Mitch	Kelly	Jimmy	Mitch	Kelly	Jimmy			
		Christy Webber			Ridge			Beverly					
Experience and Qualifications	40 points	37	39	38	26	25	27	25	20	18			
Ability to Complete Work in a Timely Manner	20 points	18	18	18	10	12	14	8	5	7			
Fee Amount and Terms	20 points	15	14	15	10	10	10	10	10	10			
References and Projects with other Municipalities and/or projects of comparable scale	20 points	19	20	20	8	7	7	10	10	10			
TOTAL= 100		89	91	91	54	54	58	53	45	45			
Average Score:		90.3			Average Score:			55.3			Average Score:		47.7

March 5, 2019

Ms. Kelly Mulqueeny

Street Superintendent

Village of Tinley Park

16250 S. Oak Park Ave.

Tinley Park, Illinois 60477



re: **Landscape Bed Maintenance 2019 - Contractor Recommendation**

Dear Kelly:

Upon thorough review of the four (4) proposals opened on March 5, 2019 for the Landscape Bed Maintenance 2019 project, we would like to recommend beginning contract negotiations with the highest rated responder Christy Webber Landscapes (Christy Webber) of Chicago, IL.

The Landscape Bed Maintenance 2019 RFP was scored on categories that considered the qualifications, capabilities and professional experience of each company in addition to their cost proposal.

Christy Webber has completed all of the required forms, submitted the appropriate bid security, and they have met all of the requirements outlined within the project manual.

Please let us know if you have any questions or concerns.

Sincerely,

A handwritten signature in blue ink, appearing to read 'M. J. Murdock', is written over a light blue circular stamp.

Mitch Murdock

Project Manager – site design group, ltd.

CC: RKS / BM/ KM

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-018

**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK
AND CHRISTY WEBBER LANDSCAPES FOR LANDSCAPE BED MAINTENANCE**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK
AND CHRISTY WEBBER LANDSCAPES FOR LANDSCAPE BED MAINTENANCE**

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered authorizing an Contract with Christy Webber Landscapes, a true and correct copy of such Contract being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "contract" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Contract.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
 COUNTY OF COOK) SS
 COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-018, **“A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND CHRISTY WEBBER LANDSCAPES FOR LANDSCAPE BED MAINTENANCE,”** which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK

VILLAGE OF TINLEY PARK**SERVICE CONTRACT**

This contract is by and between the **Village of Tinley Park**, a Illinois home-rule municipal corporation (the “Village”), and **Christy Webber Landscapes** (the “Contractor”), for the project or work described in Exhibit A, attached hereto and made a part hereof.

1. In consideration of the compensation stated in paragraph 2, the Contractor shall provide all the services described in the Scope of Services attached hereto as Exhibit “A” and incorporated herein by reference. The express terms of this Contract shall take precedence and control over any term or provision of the Scope of Services (Exhibit A) that in any way conflicts with, differs from, or attempts to alter the terms of this Contract.
2. Except in the event of a duly authorized change order approved by the Village as provided in this Contract, and in consideration of the Contractor’s final completion of all work in conformity with this Contract, the Village shall pay the Contractor an amount not to exceed **one hundred fifty seven thousand three hundred and sixty and 25/100 Dollars (\$157,360.25)**. Within **seven (7)** calendar days of completion of the work, the Contractor shall submit his application for payment to the Village, and the Village shall pay Contractor for the work performed no later than **thirty (30)** calendar days from the date of the Village's receipt and the Village’s approval of the work and the application for payment. No payment shall be made by the Village until the Contractor has submitted to the Village (i) a Contractor’s Affidavit listing all subcontractors and material suppliers utilized on the project and (ii) final waivers of lien from the Contractor, all subcontractors and all material suppliers.
3. No changes shall be made, nor will invoices for changes, alterations, modifications, deviations, or extra work or services be recognized or paid except upon the prior written order from authorized personnel of the Village. The Contractor shall not execute change orders on behalf of the Village or otherwise alter the financial scope of the Project.
4. Written change orders may be approved by the Village Manager or his designee provided that the change order does not increase the amount set forth in paragraph 2 of this Contract to more than \$10,000.00. Changes in excess of this amount must be approved by the Village Board prior to commencement of the services or work. **Any request by the Contractor for an increase in the Scope of Services and an increase in the amount listed in paragraph 2 of this Contract shall be made and approved by the Village prior to the Contractor providing such services or the right to payment for such additional services shall be waived.**
5. **Time is of the essence on this Contract.** The Contractor shall complete all work under this Contract by the dates set forth below:
6. No “Notice to Proceed” may be given nor any work commenced until this Contract is fully executed and all exhibits and other attachments are completely filled out and attached hereto.

7. It is understood and agreed by the parties that the Contractor is an independent contractor retained for the above-mentioned purpose. The Village shall not control the manner nor the means of the Contractor's performance, but shall be entitled to a work product as described herein. The term "subcontractor" shall mean and include only those hired by and having a direct contract with Contractor for performance of work on the Project. The Village shall have no responsibility to any subcontractor employed by a Contractor for performance of work on the Project, and all subcontractors and material suppliers shall look exclusively to the Contractor for any payments due. The Village will **not** be responsible for reporting or paying employment taxes or other similar levies that may be required by the United States Internal Revenue Service or other State or Federal agencies. Every subcontractor shall be bound by the terms and provisions of this Contract as far as applicable to their work. The Contractor shall be fully responsible to the Village for the acts and omissions of its subcontractors, and shall ensure that any subcontractors perform in accordance with the requirements of this Contract. Nothing contained herein shall create any contractual or employment relations between any subcontractor and the Village. The Contractor is solely responsible for the safety procedures, programs and methods of its employees and agents and shall hold the Village harmless for any and all damages resulting from violations thereof. The Contractor shall comply with all applicable federal, State and local safety laws and regulations.
8. **It is further agreed that the Contractor shall indemnify, hold harmless, and defend the Village, its officers, agents, and employees from and against any and all claims, losses, damages, causes of action, suits, and liability of every kind, including all expenses of litigation, court costs, and attorneys' fees, for injury to or death of any person or for damage to any property arising out of or in connection with the work done by the Contractor under this Contract. Such indemnity shall apply regardless of whether the claims, losses, damages, causes of action, suits, or liability arise in whole or in part from the negligence of the Village, any other party indemnified hereunder, the Contractor, or any third party.**
9. **The Contractor assumes full responsibility for the work to be performed hereunder and hereby releases, relinquishes, and discharges the Village, its officers, agents, and employees from all claims, demands, and causes of action of every kind and character, including the cost of defense thereof, for any injury to or death of any person and any loss of or damage to any property that is caused by, alleged to be caused by, arising out of, or in connection with the Contractor's work to be performed hereunder. This release shall apply regardless of whether said claims, demands, and causes of action are covered in whole or in part by insurance and regardless of whether such injury, death, loss, or damage was caused in whole or in part by the negligence of the Village, any other party released hereunder, the Contractor, or any third party. The Contractor shall maintain insurance coverage in an amount and from a carrier suitable to the Village, and the Village shall be named as an additional insured where required. Certificates of Insurance are attached hereto as Exhibit B.**
10. The Village is exempt from payment of state and local sales and use of taxes on labor and materials incorporated into the project. If necessary, it is the Contractor's responsibility to obtain a sales tax permit, resale certificate, and exemption certificate that shall enable the Contractor to buy any materials to be incorporated into the project and then resale the aforementioned materials to the Village without paying the tax on the materials at the time of purchase. In no event will the Village be liable for or pay any sales or use taxes incurred by the Contractor in performing the services under this contract.

11. The Contractor shall comply with all applicable federal, state, and local statutes, regulations, ordinances, and other laws, including but not limited to the Immigration Reform and Control Act (IRCA). The Contractor may not knowingly obtain the labor or services of an unauthorized alien. The Contractor, not the Village, must verify eligibility for employment as required by IRCA.
12. At any time, the Village may terminate this Contract for convenience, upon written notice to the Contractor. The Contractor shall cease work immediately upon receipt of such notice. The Contractor shall be compensated for services performed and accepted by the Village up to the date of termination.
13. No waiver or deferral by either party of any term or condition of this Contract shall be deemed or construed to be a waiver or deferral of any other term or condition or subsequent waiver or deferral of the same term or condition.
14. This Contract may only be amended by written instrument approved and executed by the parties.
15. This Contract and the rights and obligations contained herein may not be assigned by the Contractor without the prior written approval of Village.
16. The parties hereby state that they have read and understand the terms of this Contract and hereby agree to the conditions contained herein.
17. This Contract has been made under and shall be governed by the laws of the State of Illinois. The parties agree that performance and all matters related thereto shall be in Cook County, Illinois.
18. Contractor, its employees, associates or subcontractors shall perform all the work hereunder. Contractor agrees that all of its associates, employees, or subcontractors who work on this Project shall be fully qualified and competent to do the work described hereunder. Contractor shall undertake the work and complete it in a timely manner.
19. If any provision of this Contract shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court of competent jurisdiction finds that any provision of this Contract is invalid or unenforceable, but that by limiting such provision it may become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.
20. This Contract represents the entire and integrated agreement between the Village and Contractor and supersedes all prior negotiations, representations, or agreements, either written or oral.
21. This Contract will be effective when signed by the last party whose signing makes the Contract fully executed.

22. The Contractor agrees to comply with the Illinois Prevailing Wage Act, if the work to be performed under this Contract is covered by said Act.

IF THIS IS PREVAILING WAGE WORK:

This contract calls for the construction of a “public work,” within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 *et seq.* (“the Act”). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current “prevailing rate of wages” (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department’s web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice and record keeping duties.

23. The Contractor agrees to comply with the Illinois Substance Abuse Prevention on Public Works Projects Act.

CERTIFICATIONS BY CONTRACTOR

Eligibility to Contract

The undersigned hereby certifies that the Contractor is not barred from bidding on or entering into this contract as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Human Rights Act

The undersigned hereby certifies that the Contractor is in compliance with Title 7 of the 1964 Civil Rights Act as amended and the Illinois Human Rights Act as amended.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Illinois Drug-Free Workplace Act

The undersigned, **having 25 or more employees**, does hereby certify pursuant to section 3 of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate Regarding Sexual Harassment Policy

The undersigned does hereby certify pursuant to section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

Name of Contractor (please print)

Submitted by (signature)

Title

Certificate of Compliance with Substance Abuse Prevention on Public Works Projects Act

The undersigned hereby certifies that:

- A. There is in place a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635), and has provided a written copy thereof to the Village of Tinley Park.
- B. There is in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635)

(Cross out either A or B depending upon which certification is correct)

Name of Contractor (please print)

Submitted by (signature)

Title

[NAME OF CONTRACTOR]

BY: _____

_____ Date

Printed Name: _____

Title: _____

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Mayor
(required if Contract is \$10,000 or more)

ATTEST:

Village Clerk
(required if Contract is \$10,000 or more)

_____ Date

VILLAGE OF TINLEY PARK

BY: _____

_____ Date

Village Manager

Exhibit A

SCOPE OF SERVICES

Exhibit B

INSURANCE REQUIREMENTS

(See Risk Manager for Insurance Requirements)

ADDENDUM NO. 1

Landscape Bed Maintenance 2019
Tinley Park, Illinois 60477

February 26, 2019

This addendum forms part of the Contract Documents for the above named project and contains the following:

1) Questions and Answers

- a. Question 1: Completing all mulching between April 1 and May 1st may be difficult. Is that timeframe an absolute requirement?
 - i. Answer 1: No, the Village understands that due to inclement weather or other unforeseen conditions and the high amount of sites, there may need to be some flexibility with this requirement. The intent here is to have spring cleanup and mulching operations begin as early in spring as the weather allows, and to continue until all sites have been completed.
- b. Question 2: Are there workable excel files available for the bid tabs?
 - i. Answer 2: Yes, those have been included in the email distribution of this addendum. The file is also available if you email mitchell.murdock@site-design.com.

2) Clarifications

- a. Clarification 1: A bid security is required. The conditions are as follows:

BID SECURITY

A certified check or bid bond on a solvent bank, payable without condition to the Village of Tinley Park in an amount not less than ten percent (10%) of the base bid shall be submitted with each proposal, as a guarantee that, if the proposal is accepted, a contract will be entered into and the performance of the contract is properly secured.

The Bid Security of the successful Respondent shall be returned to them immediately after the execution of the Agreement and upon delivery to the Owner of all requested bonds or certificates.

The Bid Security of all unsuccessful Respondents shall be returned to them, after the Bid opening, as soon as is practicable.

In submitting a Proposal, the Respondent understands and agrees that if their Proposal is accepted, and if Respondent fails to enter into an Agreement with the Owner, Respondent shall forfeit their Bid Security paid to the Owner, not as a penalty, but as liquidated damages due to such failure.

3) Changes to Bid Documents

- a. All of the following changes have been made to the updated version of the documents distributed as part of this addendum.
- b. Change 1: Page 6 of the RFP documents has been updated to include landscape bed edging work.

- c. Change 2: The “monthly rate” references on Page 8 of the RFP documents have been updated to “weekly rate” to reflect what is on the bid tab.
- d. Change 3: Page 9 of the RFP documents had March 4th as the bid opening date. The correct bid opening date is March 5th at 12:00 PM.
- e. Change 4: The bid tabs have been updated to include several page corrections.

END OF ADDENDUM 1



Village of Tinley Park, Illinois
REQUEST FOR PROPOSALS
Landscape Bed Maintenance 2019
RFP# 2019-RFP-07

The Village of Tinley Park (The Village) is seeking proposals from Contractors to coordinate and provide seasonal landscape bed maintenance services. The Contractor shall perform the following general services throughout the growing season, which is April 1st through December 1st.

- **Landscape Bed Maintenance:** Provide maintenance services for trees, shrubs and perennial beds, including weed management, mulching, pruning, seasonal cleanups, disease and insect control, fertilization, vegetation management and other related work in areas listed in the detailed bid breakdown.
- **Regular Work Reporting:** On a weekly basis, provide logs of daily work, including the locations visited, the dates and the types of work completed. On a monthly basis, provide a general summary of the work completed, including planting opportunities, any pest or disease issues or other concerns noted in regular site visits and field inspections.
- **On Demand Services:** When directed by the Street Superintendent or approved representative, provide, install, warranty and maintain all new landscape work as requested. These "on demand" services are intended to serve as a mechanism to provide replacement plant material and repairs on existing landscape sites throughout the Village. Any new installations or landscape work done as part of a new project would not be included in this contract.

The Village is requesting a written proposal from a Contractor to complete this work.

GENERAL REQUIREMENTS:	Proposers are to submit four (4) packets. Submit one (1) original plus three (3) complete copies of the proposals.
SUBMISSION LOCATION:	The Village Of Tinley Park- Clerk's Office 16250 South Oak Park Avenue Tinley Park, IL 60477
SUBMISSION DATE:	Tuesday, March 5, 2019 by 12:00 p.m. Responses received after the time specified will not be opened.
PRE-SUBMITTAL MEETING:	Friday, February 22, 2019 at 10:00 a.m. Recommended meeting at Public Works Facility: 7980 W. 183 rd St Tinley Park, IL 60477
CONTACT QUESTIONS:	Submit questions via email to: Mitch Murdock at mitchell.murdock@site-design.com . Questions are required no less than one (1) week prior to the RFP opening date. Absolutely no informal communication shall occur regarding this RFP, including requests for information or speculation between Proposers or any of their individual members and any Village elected official or employee. All questions will be answered with a copy of the question and answer to each



proposer that the Village is aware of and may be answered by addendum.

CONTENTS:

The following sections, including this cover sheet, shall be considered integral parts of this solicitation:

- Notice of RFP
- General Terms and Conditions
- Scope of Services
- Submission Requirements
- Requirements and Expectations
- Projected Timeline
- Bid Tab
- Map Books

I. GENERAL TERMS AND CONDITIONS

1. Negotiations:

The Village of Tinley Park reserves the right to negotiate specifications, terms and conditions, which may be necessary or appropriate to the accomplishment of the purpose of this RFP. Nothing in this RFP is intended as a contract or as any kind of promise or commitment to enter into an agreement.

2. Confidentiality.

RFP's and the responses thereto, are subject to the Illinois Freedom of Information Act.

3. Reserved Rights:

The Village of Tinley Park Reserves the right at any time and for any reason to cancel this RFP or any portion thereof, to reject any or all RFP's, and to take any other action determined to be in its best interests. The Village reserves the right to waive any immaterial defect in any RFP. The Village may seek clarification from a responder at any time, after the submission date, and failure to respond promptly is cause for rejection.

4. Incurred Costs:

The Village of Tinley Park will not be liable for any costs incurred by responders in replying to this RFP.

5. Award:

Award will be based on the low bid from the highest ranked responsive, responsible responder as determined by the Village of Tinley Park. The award, if any, will be based on the Village's determination as to the best qualified and most cost effective responder.

6. Discussion of RFP:

The Village of Tinley Park may conduct discussions with any responder who submits a response. During the course of such discussions, the Village shall not disclose any information derived from one RFP to any other responder.

7. Time and Effort:

Timely service is of the essence. The contractor shall be able to devote sufficient resources to the Village of Tinley Park.

8. Responsibility & Default:

The responder shall be required to assume responsibility for all items listed in this RFP. The successful responder shall be considered the sole point of contact purposes for this contract.

**9. Payments:**

Payments shall be made in accordance with the Local Government Prompt Payment Act.

10. Interpretations or Correction of Request for Proposals:

Responders shall promptly notify the Village contact of any ambiguity, inconsistency, or error that they may discover upon examination of the RFP's. Interpretation, correction and changes to the RFP's will be made by written addendum. Interpretation, corrections or changes made in any other manner will not be binding.

11. Addenda:

Addenda are written instruments issued by the Village prior to the date of receipt of responses, which modify or interpret the RFP by addition, deletions, clarifications or corrections. Each respondent shall ascertain prior to submitting a packet that all addenda issued have been received, and by submission of a packet, such act shall be taken to mean that such respondent has received and understands fully the contents of the addenda. Addenda will be placed on the Village website at www.tinleypark.org/RFP.

12. Taxes:

The Village is exempt from paying certain Illinois State Taxes.

13. Non-Discrimination:

Responders shall comply with the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., as amended and any rules and regulations promulgated in accordance therewith, including, but not limited to the Equal Employment Opportunity Clause, Illinois administrative Code, Title 44, Part 750 (Appendix A) and the Illinois Drug Free Workplace Act, Title 44, Chapter 10.

14. Insurance: *Please submit certificate with your response.***A. Worker's Compensation and Employer's Liability with limits not less than:**

- a. (1) Worker's Compensation: Statutory;
- b. (2) Employer's Liability;
- c. \$1,000,000 injury-per occurrence
- d. Such insurance shall evidence that coverage applies in the State of Illinois.

B. Comprehensive Motor Vehicle Liability with limits for vehicles owned, non-owned or rented not less than:

- a. Bodily Injury/Property Damage: Combined Single Limit: \$1,000,000 per accident

C. Comprehensive General Liability with coverage written on an "occurrence" as is and with limits no less than:

- a. Each Occurrence: \$ 1,000,000
- b. General Aggregate: \$2,000,000
- c. Products and completed operations: General Aggregate: \$2,000,000

D. Coverage's shall include:

- a. Premises/Operations
- b. Independent Vendors
- c. Personal Injury (with Employment Exclusion deleted)



- d. Broad Form Property Damage Endorsement
- e. Blanket Contractual Liability (must expressly cover the indemnity provisions of this Contract)

E. Umbrella Policy. The required coverage's may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss. This policy should apply to the Commercial General Liability and Motor Vehicle Coverage. Minimum amount \$5,000,000 in combination. An exception for a lower limit may be granted at the discretion of the Village of Tinley Park. Such an exception could be based upon other criteria such as a review of their safety record, information provided by references, and/or any established prior job performance on behalf of the Village.

Village of Tinley Park shall be named as an Additional Insured on the Comprehensive General Liability, Comprehensive Motor Vehicle Liability and Umbrella/Excess Policies. An endorsement naming the Village an additional insured must be submitted With the Certificate of Insurance. All insurance policies are to be placed with insurers authorized to conduct business in the state with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to the Village.

F. Other Insurance Provisions -

The insurance policies are to contain, or be endorsed to contain, the following provisions:

- a. The Entity, its officers, officials, employees, and volunteers are to be covered as additional insureds on the general liability, auto and umbrella/excess policies. An endorsement naming the Village an additional insured must be submitted with the Certificate of Insurance
- b. For any claims related to this project, the insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the Entity, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the Entity, its officers, officials, employees, or volunteers shall be excess of the Vendor's insurance and shall not contribute with it. Vendor shall procure and maintain for the duration of the contract, and for 2 years thereafter, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Vendor, his agents, representatives, employees.
- c. Each insurance policy required by this clause shall provide that coverage shall not be canceled, except with notice to the Entity.
- d. Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best rating of no less than A: VII, unless otherwise acceptable to the Entity.
- e. Waiver of Subrogation: Vendor hereby agrees to waive rights of subrogation which any insurer of Vendor may acquire from Vendor by virtue of the payment of any loss. Vendor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of



subrogation in favor of the Entity for all work performed by the Vendor, its employees, agents.

The Contractors must obtain, for the Contract term and any extension of it, insurance issued by a company or companies qualified to do business in the State of Illinois and provide the Village with evidence of insurance. Insurance in the following types and amounts is necessary:

- **Worker’s Compensation Insurance** covering all liability of the Responder arising under the Worker’s Compensation Act and Worker’s Occupational Disease Act at statutory limits.
- **General Liability:**

General Aggregate Limit	\$2,000,000
Each Occurrence Limit	\$1,000,000
- **Professional Liability** to include, but not limited to, coverage for Errors and Omissions to respond to claims for loss therefrom.

General Aggregate Limit	\$2,000,000
Each Occurrence Limit	\$1,000,000
- **Comprehensive Automobile Liability, Bodily Injury, Property Damage:**

General Aggregate Limit	\$1,000,000
Each Occurrence Limit	\$500,000

Responder agrees that with respect to the above required insurance, The Village of Tinley Park shall:

- Be named as additional insured **by endorsement** as their interest may appear;
- Be provided within thirty (30) days a notice, in writing, of cancellation or material change; and
- Be provided with Certificates of Insurance evidencing the above required insurance, prior to commencement of this Contract and thereafter with certificates evidencing renewals or replacements of said policies of insurance at least fifteen (15) days prior to the expiration of cancellation of any such policies.

15. Change in Status:

The Contractor shall notify The Village of Tinley Park immediately of any change in its status resulting from any of the following: (a) Contractor is acquired by another party; (b) Contractor becomes insolvent; (c) Contractor, voluntarily or by operation law, becomes subject to the provisions of any chapter of the Bankruptcy Act; (d) Contractor ceases to conduct its operations in normal course of business. The Village of Tinley Park shall have the option to terminate its contract with the vendor immediately on written notice based on any such change in status.

16. Precedence:

Where there appears to be variances or conflicts, the following order of precedence shall prevail: The Owner and Contractor Agreement; The Village of Tinley Park Request for Proposals; and the Contractor’s Response to RFP.

17. Submittal and Evaluation Factors:

The contract will be awarded to the Contractor determined by the Village of Tinley Park to be in the best interest of the Village, who meets or exceeds the criteria and provisions sought by the Village. The Village reserves the right to reject any or all responses or to waive any details in the



responses received whenever such rejection or waiver is in the best interests of the Village. The Village also reserves the right to reject the RFP of a Contractor who has previously failed to satisfactorily perform a contract. The Village of Tinley Park reserves the right to award the contract to a Contractor who is not the lowest cost; however, cost is an important factor in the selection of a Contractor.

In determining the most qualified responder, the following criteria will be considered by the Village:

- A. Ability to complete required work on a routine basis;
- B. Proven method of completing designated tasks;
- C. References and experience with the Village and/or other Municipalities;
- D. Cost Proposal

II. SCOPE OF SERVICES

Working under the direction of the Public Works Superintendent, the work includes providing all and manpower necessary to complete the following landscape bed maintenance work:

LANDSCAPE BED MAINTENANCE

1. Spring Cleanup- Remove all leaves and debris from landscape beds and adjacent sidewalks, curbs and parking lot areas where applicable. Cut down any perennials and grasses that were not cut down the previous fall, according to proper horticultural practice, as directed by the Village.
2. Controlling Weeds- Landscape beds to be inspected and weeded weekly as necessary either by spraying, hand or string trimming methods as is required to keep the areas completely weed free at all times.
3. Edging- Spade edge all bed lines and tree rings monthly or as needed to keep a clean edge.
4. Landscape Bed Mulching- All landscape beds shall have a mulch bed three inches (3") deep. Mulch shall be premium quality, double ground hardwood bark mulch, natural in color, free from deleterious materials.
 - a. The Village Hall, Oak Park Avenue Train Station, 80th Avenue Train Station, Harlem Avenue Medians, 171st St Medians, 167th St Medians, and monument sign areas shall have top one inch (1") of landscape mulch beds redressed with new mulch twice each year by May 1st, and again in the fall by September 15th.
 - b. All other sites shall have the top one inch (1") of landscape mulch beds redressed with new mulch once each year by May 1st.
 - c. For all sites, if mulch from the previous year has completely broken down or blown away, or if no mulch is currently present in the landscape bed, the entire 3" depth will need to be supplied, rather than a top dressing.
5. Non-Parkway Tree Mulching- All non-parkway trees located in turf areas as shown in the mowing map shall be mulched with a mulch ring at least two feet (2') in radius from the trunk. "Volcano Mulching" must be avoided- the mulch should not be piled up around the base of the trunk. Mulch shall be placed in a saucer shape and be clear of the trunk so the root flare is visible. Mulch shall be three inches (3") deep. Mulch shall be premium quality, triple ground hardwood bark mulch, natural in color, free from deleterious materials
 - a. All non-parkway trees located in turf areas shall have the top one inch (1") of landscape mulch beds redressed with new mulch once each year by May 1st. If mulch from the previous year has completely broken down or blown away, or if no mulch is currently present, the entire 3" depth will need to be supplied, rather than a top dressing.
 - b. In addition to the landscape bed locations found on the landscape bed map book, there are additional non-parkway trees in turf locations that need to be mulched. See the mowing map book for those locations.



6. Pruning- Prune shrubs as needed. Shearing techniques shall be used only when necessary to maintain hedges or shrubs where shaping them in this manner is appropriate. Hand pruning to maintain the natural form of the plant shall be the predominant pruning technique.
7. Fall Cleanup- Remove all leaves and debris from landscape beds and adjacent sidewalks, curbs and parking lot areas where applicable. Cut down perennials and grasses according to proper horticultural practice, as directed by the Village.
8. Plant Health Care Monitoring- Contractor shall monitor and identify any plant diseases and pests, and suggest treatment strategies with the Street Superintendent. Any treatments chosen will be considered "on demand/new work" services, and are subject to approval through a new proposal. Monitoring results shall be noted in the monthly reports.

ON DEMAND SERVICES/ NEW WORK

1. Planting/ Installations- On demand landscape installation services consist of the planting of trees, shrubs, perennials, sod and seed. All such new work shall be guaranteed for one (1) year. Replacement work required after the one (1) year guarantee period shall be considered new work. On demand hourly services
2. Watering- The contractor shall obtain water by filling their tank at the Public Works Facility filling station located outside the Public Works Facility. Filling of water tanks at other locations such as hydrants in town shall not be permitted unless approved by the Village. Unit prices for watering shall cover one employee and any equipment or items needed to complete the work.
3. Tree pit weeding shall consist of hand pulling or string trimming weeds in tree pits or parkway tree mulch beds. Unit prices for weeding shall cover one employee and any equipment or items needed to complete the work.
4. Parkway Restoration shall consist of site prep, backfilling, and seeding. Prep sites by squaring work area with a tool to make a sharp edge on the existing parkway. Remove any dead or damaged turf as needed. Existing clean fill on site can be used as backfill. Fill and compact to allow for settling and match existing grade. Seed with all-purpose sun-shade fescue/ryegrass/bluegrass mix, and top-dress with Penn Mulch (or approved equal) and starter fertilizer.
5. Sod Installation shall consist of site prep, and placing sod and other materials required in the sodding operations. All sod shall be nursery grown Kentucky Bluegrass, dense, well rooted, and free from weeds. Sod shall be subject to inspection by the Village. Prior to placing sod, the existing soil shall be scarified to a depth of three inches (3"). The existing soil shall be free of deleterious materials. All soil surfaces shall be moist when the sod is placed. When directed, the Contractor shall be required to apply water to dry soil surfaces at a minimum rate of one (1) Gallon/feet immediately prior to placing the sod.
7. Install Mulch "Volcano Mulching" must be avoided. The mulch should not be piled up around the base of the trunks of trees. Mulch beds shall be three inches (3") deep. Mulch shall be premium quality, double ground hardwood bark mulch, natural in color, free from deleterious materials
8. Furnish and Install soil in areas as needed. Incidental soil quantities needed to complete planting, sodding and/or parkway restoration activities should be considered included in those individual rates. Any larger quantities of soil that may be needed above and beyond the normal conditions for those activities can be covered by this line item. Soil type shall be locally sourced topsoil, screened and pulverized, free from deleterious materials.
9. Trash pickup shall consist of monitoring for and cleaning up any miscellaneous trash that may have blown into the lawn or landscape bed from an adjacent roadway or parking lot. This does not include any large or heavy items or materials that may have shown up on a site due to fly dumping. Unit prices for trash pickup shall cover one employee and any equipment or items needed to complete the work.



PLANT REPLACEMENTS

Dead plants or plants that are in a state of decline shall be immediately reported to the Street Superintendent or representative. Upon approval from the Street Superintendent, these plants shall be removed and replaced as an on-demand service. The Street Superintendent or representative shall inform the Contractor whether or not the replacement plants shall be of the same or of a new species. Any replacement plant(s) shall be subject to the same guarantee requirements of new "On Demand" work. Upon replacement, these plants shall be maintained as directed in the landscape maintenance contract documents. The costs incurred to remove these dead or declining plants shall be within the scope of the "Weekly Rate". The replacement plant material supply and installation is considered "On Demand", and is beyond the scope of the "Weekly Rate" of maintenance.

WATERING

Some locations maintain a comprehensive irrigation system for the watering of its designated lawn areas and perennial beds. All un-irrigated areas may need to be watered by hand on an as needed basis as necessary to maintain adequate growth and health. The contractor shall advise Village personnel concerning watering schedule, and propose on demand watering services as needed. Watering is considered "On demand" and is beyond the scope of the "Weekly Rate" of maintenance.

GUARANTEES

If any plant materials have deteriorated in health and appearance within the first year of new work installation so as to become a lesser specification, grade, and/or quality than originally installed; the Contractor shall replace plants at the Contractor's expense. Exceptions to this guarantee shall be damage or loss due to theft, vandalism, and accidental occurrences outside the Contractor's control and Acts of God.

III. RFP SUBMISSION REQUIREMENTS

1. Company Profile- Responder shall include a short written description with background information about the company.
2. Pricing- Must be included in the cost proposal, as listed on the detailed bid tab.
3. References - Responder shall include three (3) references from past projects with a similar scope of work.
4. Insurance Certificate- Must be included per the insurance requirements noted in Section 14 of the General Terms and Conditions above.
5. Provide license information for Pesticide Applicator(s) that shall be used for spraying, any weed control and pest control.

IV. REQUIREMENTS AND EXPECTATIONS

The following are general requirements and expectations of the selected Contractor:

1. The Contractor shall perform all work in accordance with Federal, State, and Local laws, regulations, codes and ordinances;
2. The Contractor must be able to receive requests via e-mail.
3. The Contractor is expected to have all necessary supplies, equipment, personnel, and skills to complete the project in a timely manner;
4. Hours of work are 7:00 AM through 7:00 PM, Monday through Friday, and between 9:00 AM and 5:00 PM on Saturday, unless authorized at the sole discretion of The Village.



5. Village Special Events: The Village has several special events throughout the year, typically held in the downtown area which may require all landscape maintenance work to be completed immediately beforehand so the sites are looking their best. These events include but are not limited to:
 - Village Block Party (usually around the 3rd Sunday in July)
 - Farmers Markets
 - Music performances
 - Movie showings
6. The surrounding area shall have a neat, professional looking appearance upon completion of the job, and
7. All contractor employees shall wear suitable uniforms during the time they are on Village property or public ROW areas.

V. CONTRACT TERMINATION

The Village of Tinley Park may, by written notice, and at any time, terminate the agreement if, in the judgment of the Village, the Contractor has failed to comply with the terms of the agreement. In the event of such termination, the Contractor shall be entitled to payment for work performed through the date notice is delivered to Contractor. No sums shall be owed to the Contractor for work performed after such notice is delivered.

VII. TERM OF CONTRACT

The term of the contract shall be for one year, with two optional renewal years.

PROJECTED TIMELINE

Every effort will be made to adhere to the following schedule:

RFP Released:	February 19, 2019
Proposals Due	March 5, 2019 at 12:00 PM
RFP Review	March 2019
Committee Review	March 2019
Board Approval	March 2019
Contract Work Begins	April 2019

Landscape Bed Maintenance- Sites Found in Landscape Beds Map Book

ID #	Map Grid #	Name/ Description	Area (Sq Ft)	Landscape Bed Maintenance	Monthly Price	2019 Yearly Cost	2020 Yearly Cost	2021 Yearly Cost
S03	1	159th/86th Gateway Sign	303	X				
S006	3	76th Av Medians Between 161st & 165th	15693	X				
S04	4	159th St & Harlem SW	868	X				
S013	4	Harlem Ave - between 161st and 163rd	3759	X				
S011	5	Centennial Circle Pkwy behind Menards	3047	X				
S139	5	Village Hall 16250 S. Oak Park Ave.	11998	X				
S021	9	Harlem Ave Median Beds	15078	X				
S022	11	167th St Medians	5794	X				
S191	11	Median on 163rd St (just east of Harlem) and Centennial	1589	X				
S025	12	Post 1 -167th St Pump and Tanks 6640 167th St	5195	X				
S14	18	Beds at SW corner of 170th St and Oak Park Ave and the 6 tree pit/ light pole beds immediately north and south of there along Oak Park Ave on the west side	3899	X				
S061	20	Christopher Ct. island	395	X				
S105	22	9191 W 175th St	1057	X				
S193	22	LaGrange Rd medians (171st St to 179th St)	23670	X				
S195	26	171st St median (just east of 80th Ave)	8456	X				
S095	28	17200 Oak Park Ave	2205	X				
S096	29	Oak Park Av Train Station north of RR	1634	X				
S097	29	Vogt Plaza	2887	X				
S099	29	Safety/Fire/Public Lot 17355 68th Ct	10829	X				
S100	29	Subway Parking Lot 17217 Oak Park Av	1120	X				
S101	31	Oak Park Av Train Station south of RR	26234	X				
S132	31	Oak Park Av Train Station north of RR	3318	X				
S122	38	80th Av Train Station	31740	X				
S10	39	175th St & Duvan Dr	260	X				
S07	42	175th St & Tinley Park High School	346	X				
S156	44	92nd Ave. S. of 183rd parkway Beds	7824	X				
S136	48	Public Works Garage	11020	X				
S137	48	7850 183rd St Police Station	6082	X				
S123	58	183rd Medians	12227	X				
S145	60	Harlem Ave Median 177th St to 191st St	9556	X				
S162	61	Convention Center Dr /183rd St.	2252	X				
S171	62	18301 S Ridgeland Post 2 beds around building fence and monument sign	3865	X				
S168	70	7801 191st St Fire House # 4 and median	4388	X				
S111	64	Tinley Park signs 191st & Harlem	297	X				
S174	68	Brookside Glen Dr parcel perpendicular to Meadows Edge Trl	1471	X				
S041	71	Post #13 Brookside Glen lift stations 7408 1/2 W Ridgeland Lane E. & W. of 80th Ave. Bed surrounds the station.	1482	X				
S09	75	Tinley Park signs Ridgeland Av & Vollmer Rd	213	X				

		PER SQUARE FOOT UNIT COSTS FOR FUTURE SITE ADDITIONS		X	/SF	/SF	/SF	/SF
--	--	---	--	---	-----	-----	-----	-----

ID #	Map Grid #	Name/ Description	Area (Sq Ft)	Non-Parkway Tree Mulching	2019 Yearly Cost	2020 Yearly Cost	2021 Yearly Cost
N/A	N/A	Non- Parkway Trees in Village managed turf grass sites	N/A	X	N/A		

On-Demand Services

ID #	Map Grid #	Name/ Description	Unit	2019 Price Per Unit	2020 Price Per Unit	2021 Price Per Unit
		WATERING				
		Provide water truck and watering services	Per hour			
		PLANTING/ INSTALLATIONS				
		Trees- 2.5" caliper	Each			
		Shrub- 36" B&B	Each			
		Shrub- 5 gallon	Each			
		Shrub- 3 gallon	Each			
		Perennial/ Groundcover- 1 gallon	Each			
		Parkway Restoration	Square Yard			
		Sod Installation	Square Yard			
		Furnish and Install Mulch	Cubic Yard			
		Furnish and Install Soil	Cubic Yard			
		CLEANUP SERVICES				
		Tree pit weeding	Per hour			
		Trash pickup	Per hour			



Interoffice Memo

Date: March 19, 2019

To: Mayor Vandenberg and Village Board

Cc: David Niemeyer, Village Manager
Paula Wallrich, Community Development Director

From: Patrick Hoban, Economic Development Manager

Subject: Veterinary Clinic of Tinley Park Oak Park Playbook Grants

Background:

Cynthia Cecott (Applicant), the owner of Veterinary Clinic of Tinley Park, plans to expand at 17745 S Oak Park Avenue. The project will include a new façade, new sign, new landscaping and the renovation of the current space and the adjacent spaces including the installation of a fire alarm system and sprinkler system.

Request:

The Applicant is requesting a \$15,250 Façade Grant, \$4,433 Sign Grant, \$5,000 Landscaping Grant, and a \$33,627 Code Compliance Grant totaling \$58,310 to renovate 17745-17747 Oak Park Avenue. PIN: 28-31-208-006-0000- 28-31-208-007-0000.

The Façade Grant is a matching grant up to \$35,000. The Sign Grant is a matching grant up to \$5,000. The Landscaping Grant is a matching grant up to \$5,000. The Code Compliance Grant is a matching grant up to \$35,000. A single business can request matching funds up to \$70,000 per location.

The Oak Park Avenue Playbook Grants were created to encourage investment and offset development costs in our older commercial building stock located within downtown Tinley Park's Legacy Districts.

Incentive Policy Checklist:

The following statements are in line with the Village or Tinley Park's incentive policy.

- The project will not create a burden and will effectively utilize the existing Village infrastructure.
- Due to its location in the New Bremen TIF, this project meets the Target Development Area Incentive Policy requirement.

Strategic Plan Checklist:

1. Long-Term Complex, Tier 1 and Economic Development Strategy 4: See ongoing downtown development, and reinvestment continue.

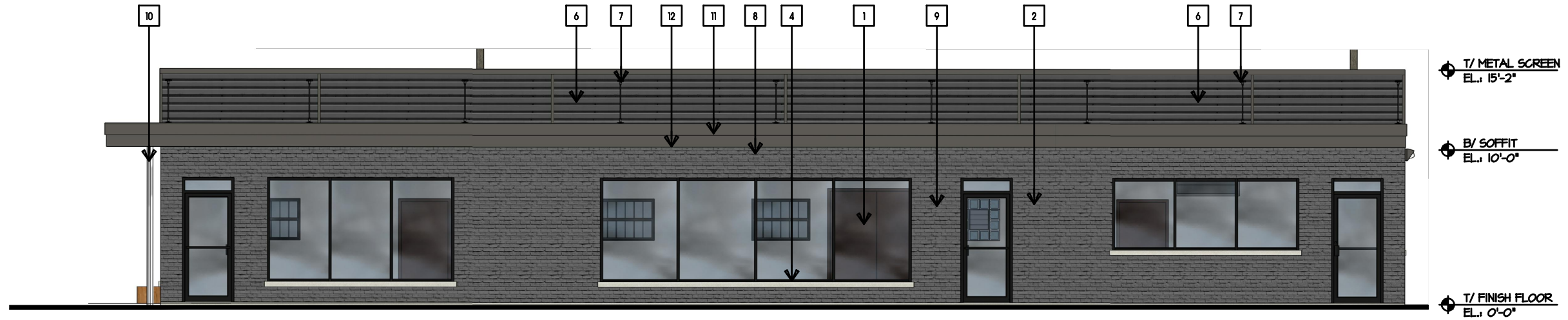
Benefits:

The project will be an enhancement to the Village by filling a vacancy in a targeted development area.

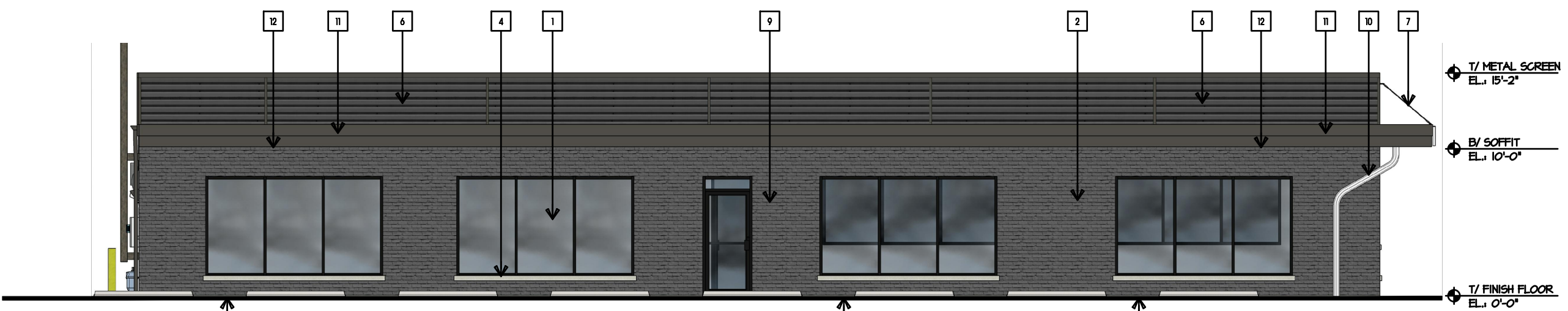
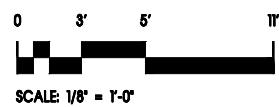
Staff Recommendation:

A motion to recommend the approval of a \$15,250 Façade Grant, \$4,433 Sign Grant, \$5,000 Landscaping Grant, and a \$33,627 Code Compliance Grant totaling \$58,310 for Cynthia Cecott to renovate 17745-17747 Oak Park Avenue. The Economic and Commercial Commission (ECC) reviewed and recommended this item on March 11th, 2019. This item is eligible for adoption.

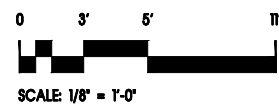
ELEVATION KEYNOTES	
1	EXISTING STOREFRONT WINDOWS - REPAINT AS REQUIRED.
2	EXISTING BRICK TO BE PAINTED DARK GRAY - VERIFY COLOR SELECTION W/ OWNER
3	NEW PLANTER BOX
4	EXISTING STONE SILL TO REMAIN - TYP.
5	NOT USED
6	NEW RIBBED METAL ROOFTOP SCREEN - VERIFY COLOR SELECTION W/ OWNER
7	NEW ARCHITECTURAL METAL TIE RODS (NON STRUCTURAL)
8	EXISTING LIGHT FIXTURE TO REMAIN
9	NEW ARCHITECTURAL LIGHT FIXTURE
10	EXISTING ROOF DRAIN
11	NEW METAL FASCIA - COLOR: DARK GRAY
12	NEW WOOD SOFFIT



PRELIMINARY WEST ELEVATION



PRELIMINARY NORTH ELEVATION



LINDEN GROUP
 ARCHITECTURE
 LAND PLANNING
 INTERIOR ARCHITECTURE
 LANDSCAPE ARCHITECTURE
 10100 ORLAND PARKWAY SUITE 110
 ORLAND PARK, ILLINOIS 60467
 (708) 799-4400
 WWW.LINDENGROUPINC.COM

RWE MANAGEMENT COMPANY
 16 W 361 S. Frontage Rd., Suite 106
 Burr Ridge, IL 60527
 (630) 734-0883
 JACQUELYNNE@RWE.COM

Veterinary Clinic of Tinley Park
 17745 - 17749 Oak Park Ave.
 Tinley Park, IL

DRAWN DESCRIPTION
 ZUMING
 DATE 07-17-18
 PROJECT NUMBER 2018-0044
 DATE 07-17-2018
 DRAWN BY BH

COPYRIGHT - LINDEN GROUP, INC.
 ALL RIGHTS RESERVED.
 ALL DRAWINGS, SPECIFICATIONS, PLANS, CONCEPTS, ARRANGEMENTS AND DETAILS REPRESENTED OR REFERRED TO IN THESE DOCUMENTS ARE THE PROPERTY OF LINDEN GROUP AND SHALL REMAIN THE PROPERTY OF LINDEN GROUP FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF LINDEN GROUP, INC.

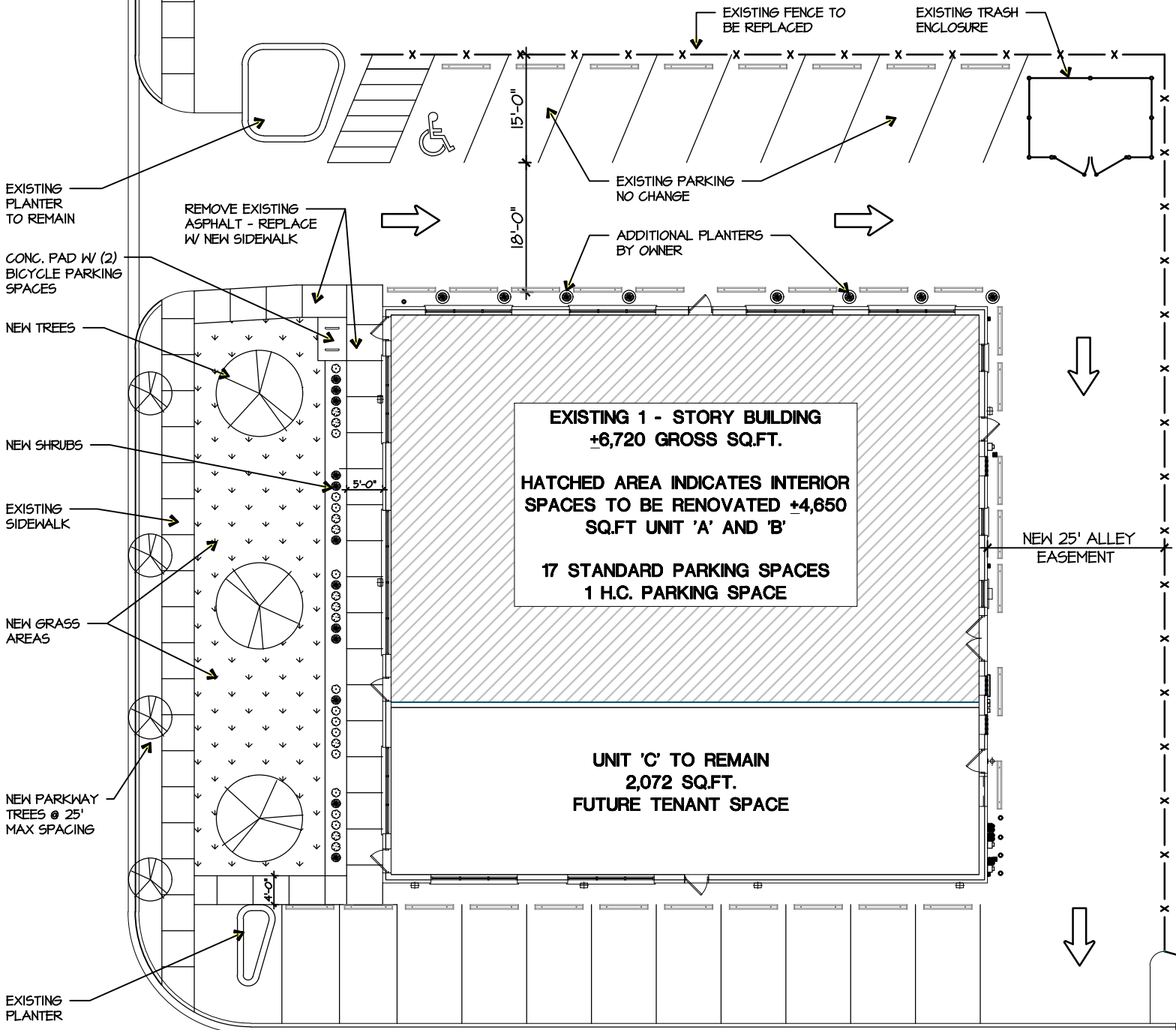
PRELIMINARY ELEVATIONS

SKETCH SHEET
A-4.0
 REFERENCE DET. / SHEET

P:\2018\2018-0044\Drawing Files\2018-0044_Preliminary.dwg 9/24/2018 4:09 PM A-4.0
 ALL RIGHTS RESERVED.

OAK PARK AVE.

178TH ST.



EXISTING 1 - STORY BUILDING
 +6,720 GROSS SQ.FT.
 HATCHED AREA INDICATES INTERIOR
 SPACES TO BE RENOVATED +4,650
 SQ.FT UNIT 'A' AND 'B'
 17 STANDARD PARKING SPACES
 1 H.C. PARKING SPACE

UNIT 'C' TO REMAIN
 2,072 SQ.FT.
 FUTURE TENANT SPACE

EXISTING PLANTER TO REMAIN

CONC. PAD W/ (2) BICYCLE PARKING SPACES

NEW TREES

NEW SHRUBS

EXISTING SIDEWALK

NEW GRASS AREAS

NEW PARKWAY TREES @ 25' MAX SPACING

EXISTING PLANTER

REMOVE EXISTING ASPHALT - REPLACE W/ NEW SIDEWALK

ADDITIONAL PLANTERS BY OWNER

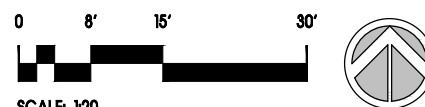
EXISTING PARKING NO CHANGE

EXISTING FENCE TO BE REPLACED

EXISTING TRASH ENCLOSURE

NOTE: LANDSCAPE PLAN TO BE VERIFY AND FINALIZED DURING PERMITTING.

EXISTING SITE PLAN



SCALE: 1/20



ARCHITECTURE
 LAND PLANNING
 INTERIOR ARCHITECTURE
 LANDSCAPE ARCHITECTURE
 10100 ORLAND PARKWAY SUITE 110
 ORLAND PARK, ILLINOIS 60467
 (708) 799-4400
 WWW.LINDENGROUPINC.COM

RWE MANAGEMENT COMPANY
 16 W 361 S. Frontage Rd., Suite 106
 Burr Ridge, IL 60527
 (630) 734-0883
 JACOB@RWE.COM

Veterinary Clinic
 of Tinley Park
 17745 - 17749 Oak Park Ave.
 Tinley Park, IL

DATE 07-17-18
 DRAWN BY BH
 PROJECT NUMBER 2018-0044
 DATE 07-17-2018
 DRAWN BY BH

COPYRIGHT - LINDEN GROUP INC.
 ALL RIGHTS RESERVED.
 ALL DRAWINGS, SPECIFICATIONS, PLANS, CONCEPTS, ARRANGEMENTS AND SECTIONS REPRESENTED OR REFERRED TO IN THESE DOCUMENTS ARE THE PROPERTY OF LINDEN GROUP INC. AND SHALL REMAIN THE PROPERTY OF LINDEN GROUP INC. ANY REUSE OF THESE DOCUMENTS WITHOUT THE WRITTEN AUTHORIZATION OF LINDEN GROUP INC. IS PROHIBITED.

PRELIMINARY SITE PLAN

SKETCH SHEET
A-0.1
 REFERENCE DET. / SHEET



Code Compliance Grant Program

Application Form

A. Applicant Information

If Applicant is not the owner of the subject property the owner must sign this application (below) signifying they are aware of the improvements proposed as part of this grant application.

Name: Cynthia Cecott
 Mailing Address: 17745 Oak Park Ave
 City, State, Zip: Tinley Park IL 60477
 Phone Number: 708 444 0315
 Fax Number: 708 444 0316
 Email Address: opa17745@stcglobal.net

B. Property Information

The identity of the owner and beneficiary of any land trust.

Property Owner(s): _____
 Mailing Address: _____
 City, State Zip: _____
 Property Address: 17745 17747 17749 Oak Park Ave
 Permanent Index No. (PINs): 28-31-208-006-0000 / 28-31-208-007-0000
 Existing land use: Commercial
 Zoning District: _____
 Lot dimensions and area: _____

C. Application Information

Description of proposed project (use additional sheets or attach a Project Narrative if necessary):

Fire Alarm System
Fire Sprinkler System

Is the applicant aware of any Variances required from the terms of the Zoning Ordinances? Yes No
 If yes, explain (note that a separate Variation application will be required to be submitted):

The Applicant certifies that all of the above statements and other information submitted as part of this application are true and correct to the best of his or her knowledge.

Cynthia Cecott
 Signature of Applicant

2/20/19
 Date

By signing below (next page), the owner of the property, (if not the Applicant) is aware of the Applicant's proposed improvements and approves of the Applicant's request for funding under the Village of Tinley Park's Oak Park Playbook Incentive.



Code Compliance Grant Program

Signature of Owner

Date

Application Requirements

A complete application for approval consists of the following items submitted in a comprehensive package:

1. The application form, completed and signed by the Applicant and/or property owner(s) of record.
2. A written project narrative describing the general nature of the project and outlining specific aspects of the proposal and matching grant funds requested.
3. Plans and any other information pursuant to the Submission Checklist (below).

An application will not be accepted or processed until all of the items above have been submitted.

Checklist for Code Compliance Grant

- One completed Build-Out Interior Remodel Permit Application.
- One completed Commercial/Industrial Permit Application, including all contractor/subcontractor information (included in Build Out Interior Remodel Permit Application).
- One completed emergency information sheet (included in Build Out Interior Remodel Permit Application).
- Letter of intent describing new occupant's business practice.
- A letter defining scope of work.
- Four (4) sets of architecturally stamped and signed plans, showing any building, HVAC, electric, plumbing work. **If water meter is already installed, please indicate placement. If water meter is required, please indicate placement and size of the water meter.**
- Please indicate placement of fire sprinkler heads. If heads will be relocated, fire protection plans are required. Three (3) copies of engineered plans of any fire suppression/protection system plans with completed permit application submitted to the Fire Department at 17355 S. 68th Court. **Build-out/Remodel permits will not be released until the fire suppression/protection system permit is submitted.**
- Four (4) copies of a floor plan and layout of furniture/shelving/table, etc., placement must also be submitted.
 - Provide calculations for occupancy load and door width capacities.
 - Provide calculations/documentation for aisle widths areas adjacent to seating.
- At the Building Officials discretion, architectural stamped and signed plans may be required depending on the extent of work involved.



CHICAGO FIRE DETECTION SYSTEMS, LLC

NOTIFIER
by Honeywell
Authorized Distributor

February 20, 2019
Cynthia Cecott
Veterinary Clinic of Tinley park
17745 S. Oak Park Ave
Tinley Park, IL 60477

RE: Fire alarm system installation

Thank you for the opportunity of presenting this proposal for the fire alarm system for the project referenced above. Our proposal is based on information that we received from you. The following is a description of the equipment to be supplied and installed. The equipment proposed is of the **Notifier** brand.

<u>Qty</u>		<u>Description</u>
1	NFW-100X	FireWarden-100X addressable fire alarm control panel
1	N-ANN-80	Remote 80 Character LCD annunciator, black
1	PWRMOD24	NFW-100X expander transformer
1	NP-200	Addressable photoelectric detector and base, white
1	NDM-100	Addressable dual monitor module
8	NOT-BG12LX	Addressable pull station
2	SP12-12 (T2)	Battery, 12 V 12 AH
6	P2RL	Horn strobe, red, wall mount
2	PC2RL	Horn strobe, red, ceiling mount
12	SRL	Strobe, red, wall mount
2	SRK	Strobe, red, wall mount, WP
1	LOT	Conduit, wiring and associated hardware

The total sell price for the above listed equipment is **\$12,204.00** Sales tax is included. Permit and review fee are **not** included. **If your company or this project are tax exempt, please supply a tax exempt certificate.**

We will create system drawings from the auto cad drawings that you supply. We will provide you with equipment cut sheets and power calculations, for your submittal to the AHJ. We will perform programming, checkout and the final acceptance test with the AHJ

Cost based on the following;

- 1) Information provided
- 2) Accurate auto cad drawings to be supplied by customer
- 3) Work being done during normal business hours
- 4) All Installation work by others
- 5) Problem free installation. Trouble shooting is extra
- 6) Dedicated a/c circuit to be provided by customer
- 7) Surface mounting of conduit if access behind dry wall is not available

Our proposal will be adjusted, if any authority having jurisdiction requires additional equipment. If you have any question or require any additional information, please do not hesitate to contact us. We look forward to working with you on this project and appreciate your careful consideration of this proposal.

Sincerely,
Jim Orzechowicz
Jim Orzechowicz

Sales Manager

Accepted by : _____ Date: _____

MVP

FIRE PROTECTION SYSTEMS INC.

Re: Veterinary Clinic of Tinley Park – Scope of Work
February 20, 2019
To: Cynthia

We are pleased to quote you on the installation of an automatic wet pipe sprinkler system in your new build-out. The following components are included in our price.

MATERIAL

All pipe and fittings will meet NFPA 13 standards as established in building code for light/ordinary hazard occupancy and will be installed according to code.

All hangers necessary to adequately support the sprinkler piping will be underwriters approved and will be properly anchored as suggested by the manufacturer.

We will provide proper sprinkler coverage per plans and site visit provided.

We will furnish and install approximately 75 pendant, and upright sprinkler heads for your new build-out per plans provided.

TESTING

We will test your sprinkler system @ 200 psi for two hours and have authority having jurisdiction witness test

ELECTRICAL

We will provide all electrical devices for our system to be wired by us.

PERMITS

We will pay for our permits and/or fees up to TWO HUNDRED DOLLARS and 00 CENTS (\$200.00).

ENGINEERING

We will furnish engineered drawing and submit the same to the local fire department having jurisdiction for review prior to commencing with our installation.

“THE FOREGOING WARRANTY AND REMEDIES ARE EXCLUSIVE AND MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED, IMPLIED OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.”

MVP guarantees all work under contract to be free of defects or leaks for a period of one (1) year from the date the sprinkler system is placed in service.

This proposal is based on upon current costs and MVP Fire Protection Systems Inc. reserves the right to revise this proposal if not accepted within thirty days of the date indicated above.

EXCLUSIONS:

- * Painting of piping, hangers, and equipment.
- * Fire extinguishers and/or equipment.
- * Underground water supply.
- * Overtime labor.
- * Underground sprinkler supply.
- * Warranty in excess of one year.
- * Seismic bracing.
- * Above ceiling sprinkler protection.
- * Performance and payment bond.
- * Pipe identification markers.
- * Permits and/or fees exceeding TWO HUNDRED DOLLARS (\$200.00).
- * Fire pump & panel.
- * Jockey pump & panel.
- * Taxes.
- * Outside fire protection.

QUALIFICATIONS:

- * All construction shall be in sequence, any out of sequence work that results in cost overruns to MVP Fire Systems shall be charged as an extra to this contract.
- * It is the responsibility of others not MVP Fire Systems to provide adequate heat (40 degrees minimum) in all areas protected by a wet pipe sprinkler system.
- * Work is to be performed during regular working hours. If overtime labor is required the overtime premium shall be charged as an extra to this project.
- * Work is to be performed during the hours of 7:00 a.m. and 3:30 p.m., Monday through Friday, not including holidays.
- * All pipe sizing by MVP Fire Systems.
- * Engineering.
- * Our sprinkler installation will cover the entire existing strip mall per plans received, and site visit.
- * Submittals to authority having jurisdiction.
- * Testing of sprinkler system upon completion of installation.
- * One year warranty on materials and labor.
- * Main drain, flow switch, tamper switches, gauges, and ITV for testing.
- * We will provide the approved backflow device for our system.
- * Backflow device installation.
- * Electrical wiring of our devices by others.
- * Backflow testing and certification.

PRICE for the Sprinkler Installation:

In accordance with the above outlined specifications, we are pleased to quote you our price of twenty seven thousand six hundred fifty dollars AND 00 cents (\$27,650.00)

PAYMENT

10% due upon acceptance of contract.

10% due upon approval of prints

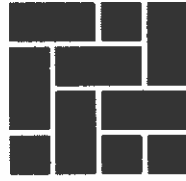
Remainder will be billed upon progression of job.

Thank you for considering MVP for your fire protection needs.

Sincerely,

Robert K. Wasniewski
MVP FIRE PROTECTION SYSTEMS
8201 W 183rd St., suite D
Tinley Park, IL 60487

Approved By: _____ Date: _____



pjr construction

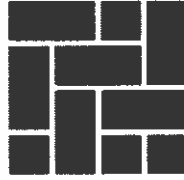
We hereby propose completion of a new 4" water service at 17745 S. Oak Park Ave, Tinley Park, IL. 60477 per the specifications of agreed:

Includes:

1. Dig over water main to locate and access for tap. If water main is below 6'0" extra costs up to \$650.00 could be involved for a taller buffalo box, chlorinating, and pressure test.
2. Cut and remove asphalt where needed on the north side of 178th street heading south towards building to agreed location. Water service will be kept 3'0" - 5'0" from marked location of gas line supply to building to avoid additional labor.
3. +/- 80 feet of 4" class 52 ductile iron pipe.
4. Street will be backfilled with CA-7 ¾ inch limestone. Price includes removing 2 semi loads of uncontaminated soil with a PH reading between 7-9.
5. Asphalt areas will be filled with concrete to existing grade.
6. Install water service into agreed location.
7. This price is to tap an 8" ductile water main. Tap, Valve, Sleeve, and buffalo box are included in price.
8. This price is for no obstructions in road or parkways.
9. This price is for no major obstructions between the water main and the building.
10. Valve or end fitting for service to be supplied by MVP Fire.
11. Permits will be billed at cost.

Total Cost	\$27,400.00
-------------------	--------------------

If additional 23 feet of pipe is needed for new service area it will be an additional \$3,600.00



pjr construction

All material is guaranteed to be as specified. Our work will be completed in a substantial workmanlike manner according to specifications submitted, per standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon orders from owners/general contractor, and will become an extra charge over and above this proposal. By accepting this Proposal, unless we expressly agree, otherwise, you will be responsible for and will obtain and maintain fire, wind, and other risk coverage for the subject property, naming us as Additional Insured. Any unpaid balances for our work will bear interest at the rate of 3% per month and we will be entitled to recover reasonable attorney's fees and costs incurred in collection of those balances, whether or not litigation is commenced. This Proposal shall be deemed null and void if not signed within 30 days. Permits not included in price.

Proposed by: Patrick Roche (773) 909-5838

Date: February 24, 2018

Revised Date: February 20, 2019

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. The acceptance of the above mentioned as designated by the authorized signature below shall constitute a contract. Accepted by: _____

Date of Acceptance: _____



Façade Improvement Program

Application Form

A. Applicant Information

If Applicant is not the owner of the subject property the owner must sign this application (below) signifying they are aware of the improvements proposed as part of this grant application.

Name: CYNTHIA LECOTT
 Mailing Address: 17745 Oak Park Ave
 City, State, Zip: Tinley Park IL 60477
 Phone Number: 708-444-0315
 Fax Number: 708-444-0316
 Email Address: opa17745@stcglobal.net

B. Property Information

Property Owner(s): _____
 Mailing Address: _____
 City, State Zip: _____
 Property Address: 17745, 17747, 17749 Oak Park Ave
 Permanent Index No. (PINs): 28-31-208-006-0000 / 28-31-208-007-0000
 Existing land use: COMMERCIAL
 Zoning District: _____
 Lot dimensions and area: _____

C. Application Information

Description of proposed project (use additional sheets or attach a Project Narrative if necessary):

Parapet wall to hide visualization of HVAC
 Replace soffit & fascia

Is the applicant aware of any Variances required from the terms of the Zoning Ordinances? Yes No
If yes, explain (note that a separate Variation application will be required to be submitted):

Is the applicant aware of any Village Code deficiencies of the property or structure? Yes No
If yes, explain:

Fire Alarm & Sprinkler

The Applicant certifies that all of the above statements and other information submitted as part of this application are true and correct to the best of his or her knowledge.

Cynthia Lecott
 Signature of Applicant

2/20/19
 Date



Façade Improvement Program

By signing below, the owner of the property, (if not the Applicant) is aware of the Applicant's proposed improvements and approves of the Applicant's request for funding under the Village of Tinley Park's Façade Improvement Grant Program.

Signature of Owner

Date

Application Requirements

A complete application for approval consists of the following items submitted in a comprehensive package:

1. The application form, completed and signed by the Applicant and/or property owner(s) of record.
2. A written project narrative describing the general nature of the project and outlining specific aspects of the proposal and matching grant funds requested.
3. A recent Plat of Survey of the subject property. This survey must have been prepared by a registered Illinois Land Surveyor, and include all existing structures and improvements on the subject property.
4. Plans and any other information pursuant to the Submission Checklist (below).

An application will not be accepted or processed until all of the items above have been submitted.

Checklist for Façade Improvement Grant Submission

Plan Submission for Staff Review requires _____ copies (11" x 17") of the following plans:

- Plat of Survey of existing conditions.
- Building elevations of all four sides of all buildings; also include trash enclosure. Note that the elevations should be fully dimensioned including height, width and depth of all major building elements and components, as well as identification of all building materials.
- Colored rendering of proposed site improvement.
- Samples of all exterior building materials including, but not limited to, bricks (include model and color ID numbers); light fixtures; windows and moldings; shutters; awnings, etc. Material samples may be submitted after initial staff review but prior to placement on Economic and Commercial Commission agenda.

In the case of extensive exterior modification and/or additions, please submit the following:

- Site Plan of proposed condition , including;
 - Fully dimensioned property boundaries;
 - All building elements and physical improvements;
 - Setbacks from all property lines, measured at right angle to property line at closest points; and
 - Identification as to whether all elements are "Existing" or "Proposed."
- If application dimension floor plans of all building levels even if conceptual in nature at this preliminary state. Submission of a floor plan will laid in the calculation of minimum parking requirement, etc.

Jason Salbego

153 Juliet Ct
 Clarendon Hills, IL
 60514
 708-721-0516

Estimate

Estimate No: 18
 Date: 02/12/2019

For: Veterinary Clinic of Tinley Park
 Opa17745@sbcglobal.net

Ship To:

Tracking No
 Ship Via
 FOB

Description	Quantity	Rate	Amount
Parapet fencing materials 3" square tube post with a 4" base mounted to roof deck	1	\$12,000.00	\$12,000.00
Gray composite deck boards spaced 1" apart bolted to post			
Labor to build parapet fence	1	\$8,000.00	\$8,000.00
		Subtotal	\$20,000.00
		TAX 0%	\$0.00
		Shipping	\$0.00
		Total	\$20,000.00
Total			\$20,000.00

Notes

Thank you for this opportunity to serve you.

Jason Salbego

153 Juliet Ct
 Clarendon Hills, IL
 60514
 708-721-0516

Estimate

Estimate No: 19
 Date: 02/12/2019

For: Veterinary Clinic of Tinley Park
 Opa17745@sbcglobal.net

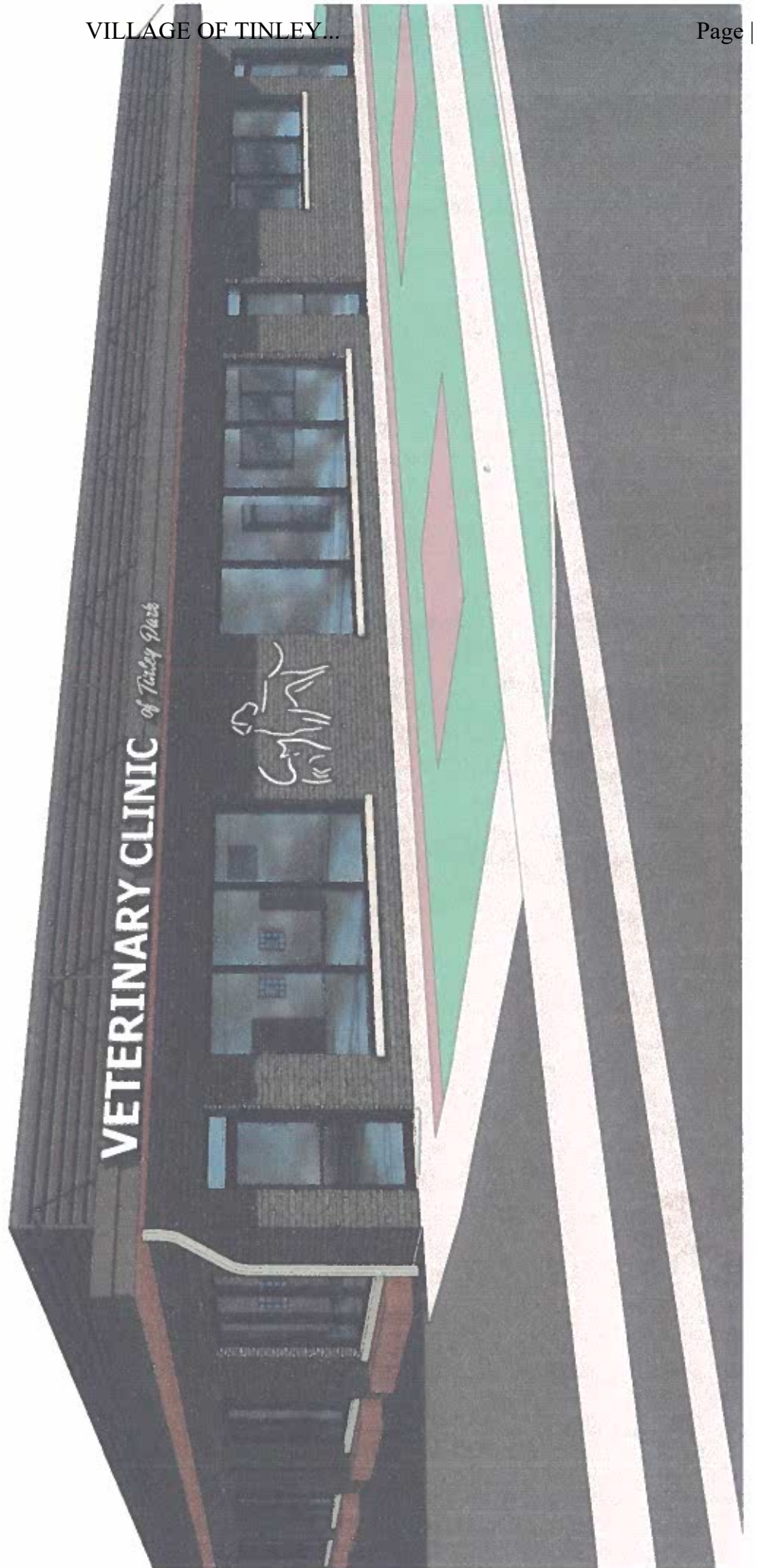
Ship To:

Tracking No
 Ship Via
 FOB

Description	Quantity	Rate	Amount
Labor for soffit and fascia replacement	1	\$4,500.00	\$4,500.00
Materials for soffit and fascia replacement Composite 1x8 fascia boards new rear gutter and paint for soffit	1	\$6,000.00	\$6,000.00
Subtotal			\$10,500.00
TAX 0%			\$0.00
Shipping			\$0.00
Total			\$10,500.00
Total			\$10,500.00

Notes

Thank you for this opportunity to serve you.





Landscape Grant Program

Application Form

A. Applicant Information

If Applicant is not the owner of the subject property the owner must sign this application (below) signifying they are aware of the improvements proposed as part of this grant application.

Name: Cynthia Cecott
 Mailing Address: 17745 Oak Park Ave
 City, State, Zip: Tinley Park IL 60477
 Phone Number: 708-444-0315
 Fax Number: 708-444-0316
 Email Address: opa17745@stcglobal.net

B. Property Information

The identity of the owner and beneficiary of any land trust.

Property Owner(s): _____
 Mailing Address: _____
 City, State Zip: _____
 Property Address: 17745, 17747, 17749 Oak Park Ave
 Permanent Index No. (PINs): 28-31-208-006-0000 / 28-31-208-007-0000
 Existing land use: Commercial
 Zoning District: _____
 Lot dimensions and area: _____

C. Application Information

Description of proposed project (use additional sheets or attach a Project Narrative if necessary):

Is the applicant aware of any Variances required from the terms of the Zoning Ordinances? Yes No
If yes, explain (note that a separate Variation application will be required to be submitted):

Is the applicant aware of any Village Code deficiencies of the property or structure? Yes No
If yes, explain:

Fire Sprinkler & Alarm

The Applicant certifies that all of the above statements and other information submitted as part of this application are true and correct to the best of his or her knowledge.

Cynthia Cecott
Signature of Applicant

2/20/19
Date



Landscape Grant Program

By signing below, the owner of the property, (if not the Applicant) is aware of the Applicant's proposed improvements and approves of the Applicant's request for funding under the Village of Tinley Park's Oak Park Playbook Incentive.

Signature of Owner

Date

Application Requirements

A complete application for approval consists of the following items submitted in a comprehensive package:

1. The application form, completed and signed by the Applicant and/or property owner(s) of record.
2. A written project narrative describing the general nature of the project and outlining specific aspects of the proposal and matching grant funds requested.
3. Plans and any other information pursuant to the Submission Checklist (below).

An application will not be accepted or processed until all of the items above have been submitted.

Checklist for Landscape Grant Submission

Landscape plan as required by the Village's Landscape Ordinance, including:

- Bufferyards (note that bufferyards are distinct from building and parking setbacks, and are dependent upon adjacent uses);
- Parking lot landscape islands (if applicable);
- Screening/fencing locations (if applicable);
- Berms if proposed (if applicable);
- Plant lists including Latin and common names, number of each planting material to be provided, size at planting, etc.; and
- Additional information such as screening/fencing materials, plans and specification; planting schedule; etc.

**Golden Gate Nursery Inc.
22200 South Lagrange Road
Frankfort Il. 60423
815-464-6655**

www.goldengatenurseryinc.com

**Cynthia Cecott
Veterinary Clinic of Tinley Park
Phone: 708-829-4151
Address: 17745 Oak Park Avenue
Tinley Park, Il.
cmcecott@sbcglobal.net
Date: 10-28-18**

DESCRIPTION OF WORK:

**Remove blacktop paths in front, dig out soil and remove stone, add soil and re-sod.
Plant 7 'miss Kim' lilac (syringa patula) 24", 7 dwarf burning bush (euonymus alatus
'compacta') 30", 6 'green velvet' boxwood (buxus x 'green velvet') 18", 6 Heavy metal
grass (panicum virgatum) 7 gal., 6 'autumn fire' sedum (sedum spectabile 'autumn fire') 2
gal., 6 'double knockout' red rose (Rosa x 'radrazz') 24". 8 yds of hardwood mulch
adjacent to building walkway**

**Remove parking bumpers at side of building and build 4 planter boxes (1 in front of each
window) out of 5" x 5" treated timbers with landscape fabric and planter mix, each box
approximately 12' long x 2' wide and 15" high**

**Plant 3 'Chanticleer' ornamental pear (pyrus calleryana 'Chanticleer') 2-½" b&b or 3
'prairie fire' crabapple (malus x 'prairifire') 2" b&b in front parkway 25' apart
Add granite cobbles at corner of drive at curb**

**We propose to furnish material and labor for the work as described above for the sum:
\$14,200.00 Fourteen Thousand Two Hundred Dollars and 00/100.....**

**Limited warranty: we will supply a one time replacement of any tree, shrub or evergreen
(no other plants guaranteed) for a period of one year after planting, providing plants have
received proper care and payments made when due. Late payments may void warranty.**

We will not be responsible for unmarked utilities or for ground settling.

\$ deposit paid

Acceptance of proposal:

signature _____ date.



Sign Grant Program

Application Form

A. Applicant Information

If Applicant is not the owner of the subject property the owner must sign this application (below) signifying they are aware of the improvements proposed as part of this grant application.

Name: Cynthia Cecott
 Mailing Address: 17745 Oak Park Ave
 City, State, Zip: Tinley Park IL 60477
 Phone Number: 708 444 0315
 Fax Number: 708 444 0316
 Email Address: opa.17745@sbcglobal.net

B. Property Information

Property Owner(s): _____
 Mailing Address: _____
 City, State Zip: _____
 Property Address: 17745 17747 17749 Oak Park Ave
 Permanent Index No. (PINs): 28-31-208-006-0000 / 28-31-208-007-0000
 Existing land use: Commercial
 Zoning District: _____
 Lot dimensions and area: _____

C. Application Information

Description of proposed project (use additional sheets or attach a Project Narrative if necessary).

Is the applicant aware of any Variances required from the terms of the Zoning Ordinances? Yes No
If yes, explain (note that a separate Variation application will be required to be submitted):

Is the applicant aware of any Village Code deficiencies of the property or structure? Yes No
If yes, explain:

fire alarm fire sprinkler

The Applicant certifies that all of the above statements and other information submitted as part of this application are true and correct to the best of his or her knowledge.

Cynthia Cecott
Signature of Applicant

2/20/19
Date



Sign Grant Program

By signing below, the owner of the property, (if not the Applicant) is aware of the Applicant's proposed improvements and approves of the Applicant's request for funding under the Village of Tinley Park's Sign Grant Program.

Signature of Owner

Date

Application Requirements

A complete application for approval consists of the following items submitted in a comprehensive package:

1. The application form, completed and signed by the Applicant and/or property owner(s) of record.
2. A written project narrative describing the general nature of the project and outlining specific aspects of the proposal and matching grant funds requested.
3. Plans and any other information pursuant to the Submission Checklist (below).

An application will not be accepted or processed until all of the items above have been submitted.

Checklist for Main Street Sign Grant Submission

The following items must be submitted with this application:

- One completed Permanent Sign Permit Application.
- One (1) color copy of the sign plan, including all dimensions and the square footage of the sign.
- Information on color, sign material, lighting method and installation method.
- One (1) color rendering of the sign as it is proposed on the building or on the property.
- An aerial photograph, current Plat of Survey, and/or Site Plan with the sign location marked.
- UL Listing or documentation from a nationally-recognized testing laboratory.
- Completed Sign Information Page for each sign (included in Permanent Sign Permit Application).



Estimate

Number: 23578

Date: 2-14-19

Client:

Ship To:

Veterinary Clinic of Tinley Park
17745 Oak Park ave.
Tinley Park, IL 60477

PO Number Cindy Cecott DVM	Terms	Project
-------------------------------	-------	---------

Description	Amount
(1) 12"x 3 1/2" x 11' 3 Dimensional Led front lit letters for front of building. To Read: (Veterinary Clinic) Letters to have aluminum fabricated bodies to a san serif font White Acrylic Faces with White backs and sides 3" Returns Internally lit with LEDS Supported on a 6" x 5" x 11' 9" raceway painted the color of the building Supplied and installed on location	4325.00
(1) 10" x 3 1/2"x 36" 3 Dimensional letter Led front lit letters for front of building To Read: (of Tinley Park) Letters to have aluminum fabricated bodies to a script type face. 3" Returns Internally lit with LEDS Supported by a 6" x 5" x 36" Raceway Painted to the color of the building. Supplied and installed on location	2675.00
(1) 3'x 6' x 1/4" Aluminum cut out image (cat and dog logo) Raw Aluminum or brushed finish Installed on 3/16" steel studs into brick wall Supplied and installed on location	1865.00
Thank you for the opportunity to quote.	
Total	

8404 S. roberta rd., Justice, IL 60458 708-430-5502



THE VILLAGE OF TINLEY PARK

Cook County, Illinois

Will County, Illinois

**RESOLUTION
NO. 2019-R-025**

**A RESOLUTION APPROVING AND AWARDED VARIOUS OAK PARK
AVENUE GRANTS TO THE VETERINARY CLINIC OF TINLEY PARK
LOCATED AT 17745 S. OAK PARK AVENUE (CYNTHIA CECOTT,
OWNER)**

**JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK**

**MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees**

Published in pamphlet form by authority of the President and Board of Trustees of the Village of Tinley Park
Peterson, Johnson, & Murray Chicago, LLC, Village Attorneys
200 W. Adams, Suite 2125, Chicago, IL 60606

VILLAGE OF TINLEY PARK

Cook County, Illinois

Will County, Illinois

RESOLUTION NO. 2019-R-025**A RESOLUTION APPROVING AND AWARDED VARIOUS OAK PARK AVENUE GRANTS TO THE VETERINARY CLINIC OF TINLEY PARK LOCATED AT 17745 S. OAK PARK AVENUE (CYNTHIA CECOTT, OWNER)**

WHEREAS, Section 6(a) of Article VII of the 1970 Constitution of the State of Illinois provides that any municipality which has a population of more than 25,000 is a home rule unit, and the Village of Tinley Park, Cook and Will Counties, Illinois, with a population in excess of 25,000 is, therefore, a home rule unit and, pursuant to the provisions of said Section 6(a) of Article VII, may exercise any power and perform any function pertaining to its government and affairs, including, but not limited to, the power to tax and to incur debt; and

WHEREAS, the Village of Tinley Park (“Village”) has adopted the Oak Park Playbook (“OPA Playbook”), which is a series of grants designed to encourage development in downtown Tinley Park; and

WHEREAS, Cynthia Cecott (“Petitioner”), who owns the Veterinary Clinic of Tinley Park located at 17745 Oak Park Avenue (“Subject Property”) has applied for four (4) OPA Playbook grants; Oak Park Avenue Façade Grant \$15,250 (“Façade Grant”), Oak Park Avenue Sign Grant \$4,433 (“Sign Grant”), Oak Park Avenue Landscaping Grant \$5,000 (“Landscaping Grant”) and Oak Park Avenue Code Compliance Grant \$33,627 (“Code Compliance Grant”); and

WHEREAS, the Petitioner will utilize the funds received from the Retail Grant and the Code Compliance Grant to complete an expansion of the current Veterinary business to include a new façade, new sign, new landscaping, renovation of the interior of the current space and adjacent spaces to include a fire alarm system and sprinkler system;

WHEREAS, said Grants can provide certain monies in an amount not greater than \$58,310; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interest of said Village of Tinley Park and its residents to authorize the above referenced Grants in an amount not greater than \$58,310 per grant; and

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF TINLEY PARK, COOK AND WILL COUNTIES, ILLINOIS, STATE AS FOLLOWS:

SECTION 1: The foregoing recitals shall be and are hereby incorporated as findings of fact as if said recitals were fully set forth herein.

SECTION 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interest of the Village of Tinley Park and its residents that the aforesaid Grants be awarded to Petitioner to provide financial assistance to complete the Project in accordance with all plans submitted to the Village. The Village Manager and/or his designee are hereby authorized to execute any agreements to memorialize the grants subject to review by the Village Attorney

SECTION 3: That the Petitioner, prior to receipt of any monies from the Village shall provide a complete and total accounting of all costs, payments, and invoices to the Village.

SECTION 4: Any policy, resolution, or ordinance of the Village that conflicts with the provisions of this Resolution shall be and is hereby repealed to the extent of such conflict.

SECTION 5: That the Village Clerk is hereby ordered and directed to publish this Resolution in pamphlet form, and this Resolution shall be in full force and effect from and after its passage, approval, and publication as required by law.

PASSED THIS 19th day of March, 2019.

AYES:

NAYS:

ABSENT:

APPROVED THIS 19th day of March, 2019.

VILLAGE PRESIDENT

ATTEST:

VILLAGE CLERK

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-025, “A RESOLUTION APPROVING AND AWARDING VARIOUS OAK PARK AVENUE GRANTS TO THE VETERINARY CLINIC OF TINLEY PARK LOCATED AT 17745 S. OAK PARK AVENUE (CYNTHIA CECOTT, OWNER),” which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK



Interoffice

Memo

Date: March 14th, 2019

To: Dave Neimeyer, Village Manager
Pat Carr, Assistant Village Manager

From: Michael Thomas, IT Manager
Steve Clemmer, IT Lead

Subject: Contract Approval: Disaster Recovery Project – Second Data Center

Presented for March 19th, 2019 Village Board Meeting and possible action:

Background:

Disaster Recovery is a Long Term Complex item on the VoTP Strategic Plan. The VoTP Emergency Management Department has created plans for Disaster Recovery and Business Continuity to support and protect our residents. In order to maintain business continuity and provide for disaster recovery during the occurrence of a major event in the Village the IT Department has also been developing an IT centric disaster recovery plan and mitigation strategy. A key component of the plan is the creation of a secondary data center at a location outside of Village Hall. The secondary data center will ensure, that in the event of catastrophic failure at the primary location, data integrity and functional consistency for most/all of the crucial applications and software that support the daily financial and operational activities of the Village will be maintained. The disaster recovery secondary data center project is a critical piece of the overall VoTP Emergency Plan and provides data security and operational support to maintain continuity for Village business. The project will allow for faster data recovery from a potential cyber attack and provide our Public Safety Departments accelerated access to key applications necessary to support and protect our residents.

The project was presented to Village Board in an Executive Session on December 4th, 2018. The Village Board recommended that an RFP be generated and posted to allow all companies to bid on the project. The RFP was posted on January 16th with a submission deadline of January 31st 2019. The Village received one response to the RFP from Meridian IT. The Project was discussed at the Public Safety Committee Meeting held on March 12, 2019 and recommended for approval.

Description:

Meridian IT submitted a design and build proposal for a new secondary data center including integration of the new hardware and software with the existing datacenter at Village Hall. The design of an online and operational backup data center, rather than providing cold site disaster recovery site capabilities will allow us to mirror the existing data center, while utilizing the new hardware immediately for additional computer and storage capabilities. In the event of

a single site disaster at either data center, the secondary site will failover and allow the Village to continue operations without any data loss or significant downtime. Our existing fiber network design and data center design will facilitate the ability to maintain business operations during a disaster. Included in the project is the expansion of our current virtual environment.

Contractor Information: Meridian IT

Our primary data center, located at the Village Hall went out to design and build bid in 2015. Due to the high level of technical requirements, security provisions, and hardware specifications, the Village only received one (1) bid, from Meridian IT. Meridian was awarded the contract and the IT department was very pleased with the outcome of the project, placing the Village at a very high technical advantage. The installed computer architecture is both cost effective for the Village as well as leading edge technology that can be leveraged for many years.

Meridian is a global leader in the Information Technology industry, with numerous high level software and hardware vendor partner affiliations. Over two-thirds of their staff is made up of vendor certified specialists with expertise in IT infrastructure, security & privacy, managed services, mobility, unified communications, and social business. The Village has had a contractual association with Meridian IT for over a decade. They have been instrumental in guaranteeing that the Village data systems and network are secure, maintained, and updated to ensure a high level of current technology status and reliability.

Contractor Justification

The Village has invested time and money in engineering and implementing our current infrastructure and data center. In order to maintain the integrity of the Village's data centers, it is recommended that the RFP submitted for the creation of the secondary data center be handled by Meridian. Utilizing the same vendor for the creation of the redundant data center will save time and costs as any other vendor would require additional time to fully understand the Village's current infrastructure prior to initiating the expansion. Meridian has extensive familiarity with our existing hardware and system architecture which will prevent the introduction of incompatible hardware. Introducing a new contract vendor would significantly add to associated costs, introduce the potential for delays to the overall project and possibly negatively impact Public Safety in the event of an incompatible hardware solution failure during a disaster. Meridian has contractual agreements with the leaders in hardware and software technology insuring that Meridian will always be quoted the lowest cost solution. Meridian Professional services have proven to be cost competitive for the IT services the Village has procured in IT engineering, network infrastructure and project management.

Meridian has performed these services previously, and has intimate knowledge of our systems and environment. The IT Department has received the RFP submission including a current quote from Meridian for the secondary data center. The break down of current proposal reflects comparable pricing to the original data center quote.



Budget/ Finance: Funding is available in the approved FY19 Capital Projects Budget. Maintenance is included in the approved FY19 Budget. Budget was created as 2 independent projects

Disaster Recovery System	\$133,500
Expand Virtual Environment.....	\$30,000
Total Budgeted	\$163,500

Estimated Costs

1. Hardware Cisco UCS Flexpod including one year Maintenance	\$118,863.18
2. Professional Services SOW and cost estimates	\$34,800.00
3. Microsoft Windows Server 2016 Database License	\$7,616.20
Total Cost	\$161,279.38


Staff Direction Request:

1. Approve contract to Meridian IT for the disaster recovery second data center project and maintenance agreement for cost of \$161,279.38.
2. Direct staff as necessary

Attachments:

1. Professional Services SOW and cost estimates
2. Hardware Cisco UCS Flexpod including one year Maintenance estimates
3. Microsoft Windows Server 2016 Database License



	<p align="center">Statement of Work</p> <p align="center">VoTP_MIT_SOW_FlexPod Install- SRV14596_20190208d.doc</p>	<p align="center">Village of Tinley Park, Illinois</p> <p align="center">Project #: SRV14596 Op115388</p>
---	---	--

This document is an agreement of work to be performed by Meridian IT Inc., (“Meridian”) for **Village of Tinley Park, Illinois** (“Client”). Services being provided as part of this service contract are governed by the terms and conditions of the effective MAEAS/MSA or similar Agreement between Meridian IT Inc. and Client (the “Agreement”) requesting the Services. In the absence of an Agreement, the Services provided will be governed by the terms and conditions specified in this service contract.

Project Name: FlexPod Installation
Project Number: SRV14596 Op115388
Date: February 8, 2019
Account Manager: Mike Arvia
Lead Architect: Nathan Farris and Dustin Arbogast
Client Project Contact: Dennis Maleski
Meridian Services Group: Virtualization

Scope of Services

Meridian has been requested by Client to assist with the installation of a new FlexPod solution containing Cisco UCS blade servers, NetApp storage, Network Switches and VMware Virtualization.

Plan Phase

Upon receipt of signed Statement of Work (“SOW”), Meridian will contact the Client Project Contact to schedule the work and to coordinate gathering design and specification details as needed. Meridian will schedule a conference call with Client to kick-off the project. On this call, Meridian will review the pre-requisites necessary to begin this project and schedule a plan and design session. Detailed planning and project timeline will be discussed and finalized during the design session.

- Plan & Design Session (Site Survey, Review existing environment, Plan upgrade strategy, Research Interoperability) – UCS.
- Evaluate NetApp Upgrade path and provide Client with requirements.
- Interop Research.

Execute Phase

During this phase, Meridian will coordinate with the Client Project Contact to complete the following tasks:

Cisco UCS Services:

- Rack and cable one (1) UCS Mini Chassis and two (2) B200 blade servers.
- Initialize and configure the Fabric Interconnects.
- Upgrade firmware (latest Interoperable release).
- Configure uplink ports.
- Configure vLANs.
- Create and define pools, policies, profiles, and templates.
- Provision and associate service profiles and upgrade firmware for up to two (2) blades (latest interoperable release).

NetApp Services:

- FAS2750 Services.
 - Inventory and Rack FAS2750 and one (1) DS212C disk shelves.
 - Cable and configure NetApp FAS storage according to NetApp best practices.
 - Upgrade Data OnTap to recommended version.
 - Build cluster and assign licenses.
 - Configure Service Processors

	<p align="center">Statement of Work</p> <p align="center">VoTP_MIT_SOW_FlexPod Install- SRV14596_20190208d.doc</p>	<p align="center">Village of Tinley Park, Illinois</p> <p align="center">Project #: SRV14596 Op115388</p>
---	---	--

Execute Phase (Cont.)

- Create and configure up to four (4) aggregates.
- Create and configure up to four (4) Virtual Storage Machines.
- Create and configure applicable LIFs for VSMs.
- Test Controller failover.
- Configure and Verify AutoSupport functionality.
- Run Configuration Advisor and remediate any issues.
- FAS2552 Services
 - Review configuration and upgrade data OnTap (if needed).
 - Install SnapMirror and SnapVault Licenses.
- Additional Installation Services
 - Configure cluster peering between the FAS2750 and FAS2552.
 - Configure SnapMirror and up to six (6) relationships.
 - Install VMWare VSC plug-in.
 - Install OnCommand Unified Manager (no policies).

Networking Services:

- Flexpod Deployment.
 - Configure two (2) Cisco Nexus 3524X switches for the FlexPod environment.
- Cisco 3850 Switch.
 - Configure one (1) Cisco Catalyst 3850 switch to augment the existing Police Station core switching capability.
- Uplink the Nexus switches to the Catalyst core switches.

VMware Services:

- VMware vSphere Installation.
 - Install and configure ESXi on two (2) Cisco B200 servers (latest interoperable release).
 - Deploy Platform Services Controller.
 - Deploy vCenter Appliance.
 - Configure cluster and virtual network.
 - Configure up to two (2) datastores.
- VMware Site Recovery Manager (SRM) Installation.
 - Install and configure SRM at primary site (latest Interoperable release).
 - Install and configure SRM at secondary site (latest Interoperable release).
 - Configure storage replication adapter (SRA) at each site.
 - Configure site pairing.
 - Configure resource mapping.
 - Create placeholder datastores.
 - Define one (1) test protection group and one (1) test recovery plan.
 - Perform test failover and fail-back.

Control Phase

Meridian shall supply to Client a project manager to oversee the engagement. Meridian shall coordinate the efforts between all of the stakeholders to produce a cohesive plan and align the schedules of key resources per the forecasted project milestones. The expected outcome is to manage the engagement and facilitate issues through completion.

	<p align="center">Statement of Work</p> <p align="center">VoTP_MIT_SOW_FlexPod Install- SRV14596_20190208d.doc</p>	<p align="center">Village of Tinley Park, Illinois</p> <p align="center">Project #: SRV14596 Op115388</p>
---	---	--

Control Phase (Cont.)

The services that Meridian shall perform include:

- Working with the assigned resources to develop a preliminary project schedule, including milestones and tasks.
- Tracking equipment deliveries.
- Scheduling and coordinating the necessary resources to execute the project.
- Facilitating regular status meetings and additional meetings, as required.
- Acting as a single point of contact for Client Project Contact and assisting in project escalations, when needed.
- Tracking project issues and creating change orders, when required.
- Ensuring all deliverables are provided to close the project.

Close Phase

Meridian will present final copies of all deliverables to Client. Deliverables for this project include:

- Completion of the items listed in the "Execute Phase".
- As-Built Documentation.

Once all deliverables have been provided, Meridian will present a Project Completion Form to confirm that all services and deliverables as described in this SOW have been successfully completed.

Client Responsibilities


The success of this project is dependent upon a partnership with Client. Failure to fulfill these responsibilities may impact Meridian's ability to successfully complete this project. The following activities are the responsibility of Client:

Project Specific:

- Ensure all existing hardware is supported by VMware, as per the VMware Hardware Compatibility List. (VMware HCL is available at <http://www.vmware.com/resources/compatibility/search.php>).
- Provide all software in ISO file format or Bootable CD/DVDs as needed.
- Provide all license keys in electronic format.
- Provide relevant network topology and switch configuration details as needed.
- Install all NetApp host side software (VSC, SnapDrive, host utilities, MPIO and SnapManager) outside of those explicitly identified within the SOW.
- Validate pre-requisite infrastructure components are available and working as expected e.g. Active Directory and DNS.
- Complete pre-installation worksheet.

General:

- Ensure appropriate physical connectivity (Ethernet/Fibre Channel) is available to support a Best Practices configuration for hardware identified in this SOW.
- Grant appropriate access to equipment and data center.
- Provide IP addresses, hostnames, VLAN's, DNS, email and other pertinent setup information in a timely manner.
- Ensure a valid and tested backup of all data is available.
- Ensure that site-to-site bandwidth and latency are sufficient to accommodate replication traffic (where applicable.)
- Validate pre-requisite infrastructure components are available and working as expected e.g. Active Directory and DNS.
- Fibre Channel and Ethernet Switch configuration will be performed by the Client unless specified otherwise within the SOW.

	<p align="center">Statement of Work</p> <p align="center">VoTP_MIT SOW_FlexPod Install- SRV14596_20190208d.doc</p>	<p align="center">Village of Tinley Park, Illinois</p> <p align="center">Project #: SRV14596 Op115388</p>
---	---	--

Client Responsibilities (Cont.)

- Ensure all existing operating systems, applications, monitoring & management tools, backup system, security systems, etc are compatible and supported by their respective vendors with the new infrastructure version (software, hardware and configuration).
- Schedule activities and processes related to change controls, outage windows and Client resource availability.
- The proper performance and configuration of all existing Client equipment, software and circuits not explicitly part of this engagement are the responsibility of Client.
- Client shall designate a primary technical contact for all project related communications, preparation, and internal coordination activities. These activities may include:
 - If applicable, provide Meridian engineers with remote access to its network and servers upon request. This could be in the form of VPN access or SSH to the applicable network segments and devices.
 - Provide PO # or any special invoicing instructions needed for this project.
 - Pre-installation worksheets, if applicable, are completed and returned by date agreed upon during pre-kickoff communications.
 - Provide requirements as outlined within this SOW.
 - Provide access or escort (if needed) thru facilities, including building and elevator access at no additional cost to Meridian.
 - Provide appropriate credentials for access to all required equipment; or project contact will be available at all times for equipment access.
 - Participate in project kick off call and any subsequent status meetings.
 - Identify and coordinate additional Client resources required for the project.
 - Client is responsible for confirming that all environmental and physical considerations have been addressed (rack space, HVAC, access, cables, connectivity, etc.).
- If additional security clearance and/or any testing is required of Meridian staff, Client will provide a detailed list of requirements needed prior to scheduling engagement. Any fees associated with such test will be the responsibility of Client.

Assumptions & Limitations

Meridian makes certain assumptions regarding environments, facilities and responsibilities when creating a SOW. Please carefully review the following list of assumptions and limitations that apply to the work detailed in this document. Failure to satisfy any assumption may negatively impact the proposed project schedule and result in increased costs:

Project Specific:

- VMware Site Recovery Manager (SRM) is being deployed with the assumption that the Client will configure production protection groups and recovery plans within SRM. MIT will assist Client with the installation of SRM and demonstrate failover/recovery process with a test protection group. Creation and configuration of a turn-key disaster recovery plan or failover run-book is not in scope for this engagement.

General:

- Client has the necessary support contracts for all relative hardware and software in case vendor technical support needs to be engaged.
- Client has the required Network connectivity available and configured prior to site visit.
- All project management functions will be performed by the Client unless specified otherwise within the SOW.

	<p align="center">Statement of Work</p> <p align="center">VoTP_MIT SOW_FlexPod Install- SRV14596_20190208d.doc</p>	<p align="center">Village of Tinley Park, Illinois</p> <p align="center">Project #: SRV14596 Op115388</p>
---	---	--

Assumptions & Limitations (Cont.)

- Knowledge Transfer (“KT”) / Transfer of Information (“TOI”) does not replace Vendor provided training. The Client must have all necessary staff available for the KT/TOI session. KT/TOI must take place on or before the Professional Services end date.
- Any services activities performed at Client’s request that are outside those explicitly stated in the SOW will be documented in a Change Order and invoiced separately.
- The costs detailed in this SOW are, in part, based upon the number of maintenance windows. An increase in the number of “visits” or maintenance windows may negatively impact the proposed project schedule and result in increased costs.
- Meridian’s professional services are limited in scope to those detailed in this SOW and are applicable only to the equipment detailed within this document, and the project’s Bill of Materials (if applicable).

This SOW does NOT include:

- Troubleshooting or configuration of any equipment outside of the components identified in this SOW.
- Installation/configuration of any virtual machines.
- Data migration assistance.

In the event Client, site or equipment is not ready during the scheduled installation time and a return trip is necessary, or work is canceled with less than 24 hours’ notice, a fee will be invoiced equal to (1) one hour at the quoted professional services engineer rate.

Estimated Engineer Time: 120 Hours

Rate per Hour: \$200.00

Estimated Engineer Time: 30 Hours

Rate per Hour: \$185.00

Estimated PM Time: 30 Hours

Rate per Hour: \$175.00


Estimated Total Hours: 180 Hours

Estimated Total Charges: **\$34,800.00**

Work Location: 7850 183rd Street
Tinley Park, IL 60477

Dates of Service: The dates of service will be mutually agreed upon once a signed Statement of Work is received.

- Prices quoted are exclusive of taxes.
- Term: The hourly price quoted in this SOW is protected for 30 days from the date stated above if this Statement of Work is signed and returned to Meridian within such 30-day period.
- Prices quoted are exclusive of travel expenses. Travel expenses will be incurred if onsite services are required by non-local Meridian resources. All travel expenses will be approved by Client in writing prior to booking and will be invoiced at actual cost.
- This SOW is a Time & Materials agreement. Meridian will track all hours worked and invoice as time is applied. Client will only be billed for actual hours worked.

	<p align="center">Statement of Work</p> <p align="center">VoTP_MIT_SOW_FlexPod Install- SRV14596_20190208d.doc</p>	<p align="center">Village of Tinley Park, Illinois</p> <p align="center">Project #: SRV14596 Op115388</p>
---	---	--

Summary and Approval

The above sections outline and define the services that will be completed by Meridian and/or its associates in serving the needs of Client. A summary of the estimated cost is given below. A start date will be agreed upon by both parties once a signed SOW is received. Work deemed to be outside of this SOW shall be agreed upon in writing by both parties in an addendum to this document, per Meridian's Change Management process.

General Description of Services: **FlexPod Installation**

Estimated Total Charges for Project Completion: **\$34,800.00**

Services being provided as part of this service contract are governed by the terms and conditions of the effective MAEAS/MSA or similar Agreement between Meridian IT Inc. and Client (the "Agreement") requesting the Services. **In the absence of an Agreement, the Services provided will be governed by the terms and conditions specified below.**

TERMS OF PAYMENT: Payment is due upon receipt of invoice, with one and one-half percent (1.5%) interest charged monthly on balances due past 30 days. If Client disagrees with any invoice amount, it will notify Meridian in writing. If written notice is not received within 15 days of the invoice date, the invoice will be deemed accurate and payable as set forth herein.

LIMITATION OF LIABILITY: MERIDIAN'S LIABILITY FOR DAMAGES, REGARDLESS OF THE FORM OF ACTION, IS LIMITED TO THE FEES RECEIVED HEREUNDER. UNDER NO CIRCUMSTANCES SHALL MERIDIAN BE LIABLE FOR INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES (INCLUDING WITHOUT LIMITATION DAMAGES FOR LOST PROFITS, BUSINESS INTERRUPTION, LOST BUSINESS INFORMATION, LOST GOODWILL OR WORK STOPPAGE), REGARDLESS OF THE THEORY OF RECOVERY AND REGARDLESS OF WHETHER CLIENT HAS BEEN ADVISED OF THAT POSSIBILITY AND NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PUPRPOSE OF ANY LIIMTED REMEDY OR WARRANTY.

The parties hereto acknowledge that they have read and agree to the terms set forth in this Statement of Work and have caused this Statement of Work to be executed by their duly authorized representatives.

Agreed to:
Village of Tinley Park, Illinois

Agreed to:
Meridian IT Inc.

By: _____
(Authorized Signature)

By: _____
(Authorized Signature)

Date: _____

Date: _____

Name: _____

Name: Joel Andersen

Title: _____

Title: Vice President, Professional Services

Phone: _____

Phone: (847) 964-2819

Fax: _____

Fax: (847) 444-8699

Client Billing Info (if not same as work location)

Client Project Contact

Attn: _____

Name: Dennis Maleski

PO# _____

Phone: (708) 444-5081

Addr: _____

Cell: _____

Email: _____

E-mail: dmaleski@tinleypark.org

If you have not received this Statement of Work via Meridian's e-signature process, please print, accept, scan and return this form to Meridian's Project Management Office at mitpmo@meridianitinc.com, which shall serve as authorization for Meridian to schedule the resources necessary to fulfill its obligations as defined in this SOW.

Prepared For: **Village of Tinley Park**
 Attn: **Stephen Clemmer**
 Date: **February 26, 2019**
 Quote Number: **02 26 19**
 Account Manager: **Mike Arvia**
 Prepared By: **Mike Pudlo**

 **meridian IT**
 Meridian IT Inc.
 9 Parkway North
 Deerfield, IL 60015
 PH: 847-964-2822
 FAX: 847-444-0199
 MArvia@meridianitinc.com

Product Code	Product Description	Qty	Unit Price	Unit Extended
Flexpod Proposal for 2nd Data Center Project Option #2				
UCS Mini				
UCS-SP-MINI	UCS SP Select 5108 AC2 Chassis w/FI6324	1	9,560.85	9,560.85
N20-FW015	UCS 5108 Blade Chassis FW Package 3.2	1	-	-
CAB-US515P-C19-US	NEMA 5-15 to IEC-C19 13ft US	4	-	-
UCSB-PSU-2500ACDV	2500W Platinum AC Hot Plug Power Supply - DV	4	-	-
N20-FAN5	Fan module for UCS 5108	8	-	-
N01-UAC1	Single phase AC power module for UCS 5108	1	-	-
UCSB-5108-PKG-HW	UCS 5108 Packaging for chassis with half width blades.	1	-	-
N20-CAK	Accessory kit for UCS 5108 Blade Server Chassis	1	-	-
N20-CBLKB1	Blade slot blanking panel for UCS 5108/single slot	8	-	-
UCS-FI-M-6324	UCS 6324 In-Chassis FI with 4 UP, 1x40G Exp Port, 16 10Gb	2	-	-
2x B200 Servers				
UCS-SP-B200M5-CS2	SP B200 M5 w/2x4114,6x16GB mem,VIC1340 + CWOM	2	-	-
UCS-SP-B200M5-S2	UCS B200M5 Adv1w/2x4114,6x16GB,VIC1345	2	5,263.05	10,526.10
UCS-CPU-4114	2.2 GHz 4114/85W 10C/13.75MB Cache/DDR4 2400MHz	4	-	-
UCS-MR-X16G1RS-H	16GB DDR4-2666-MHz RDIMM/PC4-21300/single rank/x4/1.2v	12	-	-
UCSB-MRAID12G	Cisco FlexStorage 12G SAS RAID controller with Drive bays	2	292.11	584.22
UCS-SD-32G-S	32GB SD Card for UCS servers	4	63.18	252.72
UCS-SP-M16G1-RSH	SP 16GB DDR4-2666-MHz RDIMM/PC4-21300/singlerank/x4/1.2v	20	341.25	6,825.00
UCSB-MLOM-40G-03	Cisco UCS VIC 1340 modular LOM for blade servers	2	-	-
UCS-DIMM-BLK	UCS DIMM Blanks	16	-	-
UCSB-LSTOR-BK	FlexStorage blanking panels w/o controller, w/o drive bays	4	-	-
UCS-MSTOR-SD	Mini Storage Carrier for SD (holds up to 2)	2	-	-
UCSB-HS-M5-F	CPU Heat Sink for UCS B-Series M5 CPU socket (Front)	2	-	-
UCSB-HS-M5-R	CPU Heat Sink for UCS B-Series M5 CPU socket (Rear)	2	-	-
Cisco Server Total:				27,748.89
Nexus Switches (referenced on Flexpod design guide)				
N3K-C3524P-10GX	Nexus 3524x, 24 10G Ports	2	6,032.00	12,064.00
N3548-24P-LIC	Nexus 3524 Factory Installed 24 port license	2	-	-
N3K-C3064-ACC-KIT	Nexus 3K/9K Fixed Accessory Kit	2	-	-
SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter	12	58.00	696.00
NXA-FAN-30CFM-F	Nexus 2K/3K/9K Single Fan, port side exhaust airflow	8	-	-
N3548-BAS1K9	Nexus 3500 Base License	2	-	-
N2200-PAC-400W	N2K/N3K AC Power Supply, Std airflow (port side exhaust)	4	-	-
CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	4	-	-
SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter	4	100.00	400.00
NXOS-9.2.2	Nexus 9500, 9300, 3000 Base NX-OS Software Rel 9.2.2	2	-	-
Cisco Switch Total:				13,160.00
VMWare				
VS6-ESP-KIT-C-2	VMware vSphere 6 Essentials Plus Kit for 3 hosts (Max 2 processors per host)	1	4,360.15	4,360.15
VC-SRM8-25S-C-2	VMware Site Recovery Manager 8 Standard (25 VM Pack)	1	4,522.50	4,522.50
VMWare Total:				8,882.65
NetApp FAS2750, HA 24x900				
SW-2-CL-BASE	SW-2,Base,CL,Node	1	-	-
FAS2750	FAS2750	1	-	-
FAS2750A-002	FAS2750 HA System,Premium Bundle,CNA	2	5,250.00	10,500.00
SW-2-2750A-NVE-C	SW,Data at Rest Encryption Enabled,2750A,-C	2	-	-
SW-2-2750A-TPM-C	SW,Trusted Platform Module Enabled,2750A,-C	2	-	-
FAS2750-102-C	FAS2750,24x900GB,10K,-C	1	9,621.50	9,621.50
DOC-2750-C	Documents,FAS2750,-C	1	-	-
SW-PREMIUM-NLSAS-01-C	SW,Per-0.1TB,Premium,NLSAS,01,-C	240	28.00	6,720.00
SW-PREMIUM-SAS-01-C	SW,Per-0.1TB,Premium,SAS,01,-C	216	66.50	14,364.00
DATA-AT-REST-ENCRYPTION	Data at Rest Encryption Capable Operating Sys	2	-	-
X-SFP-H10GB-CU1M-R6	Cable,Cisco 10GBase Copper SFP+ 1m	8	72.00	576.00
X6566B-05-R6	Cable,Direct Attach CU SFP+ 10G,0.5M	2	64.80	129.60
X-02659-00	Rail Kit,4-Post,Rnd/Sq-Hole,Adj,24-32	1	143.50	143.50
X800-42U-R6	Power Cable,In-Cabinet,C13-C14	2	-	-
FAS2750-EXP	FAS2750-EXP	1	-	-
X66032A	Cable,12Gb,Mini SAS HD,2m	4	199.50	798.00
DS212C-07-2.0-12B-SK	DSK SHLF,12G,12x2TB,7.2K,-SK	1	4,956.00	4,956.00

Prepared For: **Village of Tinley Park**
 Attn: **Stephen Clemmer**
 Date: **February 26, 2019**
 Quote Number: **02 26 19**
 Account Manager: **Mike Arvia**
 Prepared By: **Mike Pudlo**

 **meridian IT**
 Meridian IT Inc.
 9 Parkway North
 Deerfield, IL 60015
 PH: 847-964-2822
 FAX: 847-444-0199
 MArvia@meridianitinc.com

Product Code	Product Description	Qty	Unit Price	Unit Extended
X-02657-00	Rackmount Kit,212C,4-post,Adj	1	105.00	105.00
X800-42U-R6	Power Cable,In-Cabinet,C13-C14	2	-	-
Net App Total:				47,913.60
NetApp SnapMirror for the installed FAS2552				
SW-2-2552A-SMIRROR	SW-2,SnapMirror,2552A	2	2,313.00	4,626.00
CS-N-SSP	NetApp SW Subscription Plan	2	346.95	693.90
SW-2-2552A-SNAPVAULT	SW-2,SnapVault,2552A	2	1,299.00	2,598.00
CS-N-SSP	NetApp SW Subscription Plan	2	194.85	389.70
Net App SW Total:				8,307.60
Equipment Subtotal:				106,012.74
One Year Maintenance				
CON-SNTP-UCSPMINI	SMARTNET 24X7X4 UCS SP Select 5108 AC2 Chassis w/FI6324, UCS	1	261.00	261.00
CON-SNTP-FIM6324	SNTC-24X7X4 UCS 6324 In-Chs FI w/4 UP 1x40G E-Port	2	376.95	753.90
CON-SNTP-B200M5S2	SNTC-24X7X4 UCS B200M5 Adv 1w/2x4114,6x16GB,VIC1345	2	426.30	852.60
CON-SNTP-3524P10X	SNTC-24X7X4 Nexus 3524x, 24 10G	2	1,765.62	3,531.24
CS-BASE-SUPPORT	Base Software Support-36 Months	1	2,008.81	2,008.81
CS-O2-NOINSTALL-4HR	SupportEdge Premium 4hr Onsite, w/o Install	1	2,632.95	2,632.95
CS-O2-NOINSTALL-4HR	SupportEdge Premium 4hr Onsite, w/o Install	1	442.50	442.50
VS6ESPKITPSSSC2	Production Support/Subscription VMware vSphere 6 Essentials Plus Kit for 1 year	1	1,124.00	1,124.00
VCSRM825SPSSSC2	Production Support/Subscription for VMware Site Recovery Manager 8 Standard (25 VMPack) for 1 year	1	1,243.44	1,243.44
Maintenance Subtotal:				12,850.44
GRAND TOTAL:				118,863.18

INTENT TO PURCHASE: My signature below indicates my authorization for Meridian IT Inc. to order the items specified herein.

Approver Signature: _____
 Approver Name (Printed): _____
 Title: _____

Date: _____
 PO #: _____
 Terms: Due Upon Receipt

If there is software included herein, Client hereby agrees to the terms of the applicable manufacturer's End User Licensing Agreement.
 If services are included as part of this purchase, a separate services contract will be provided for review and signature following the execution of this Proposal.
 Total Sale Price may be subject to change and may exclude freight charges and applicable taxes, unless listed above. Rush orders may require an additional charge.
 Purchaser must obtain a valid RMA approval before returning any Equipment. Maintenance cancellations are subject to manufacturer approval.
 Any amounts paid by credit card will be charged a six percent (6%) convenience fee.
 This Proposal is governed by Meridian IT Inc. Terms and Conditions:
<http://www.meridianitinc.com/terms-and-conditions.html>

QUOTE CONFIRMATION



DEAR DENNIS MALESKI,

Thank you for considering CDW•G for your computing needs. The details of your quote are below. [Click here](#) to convert your quote to an order.

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
KCWJ686	9/27/2018	WIN SRV DATA CENTER	255628	\$7,616.20

QUOTE DETAILS				
ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
Microsoft Windows Server 2016 Datacenter - license	2	4592256	\$3,808.10	\$7,616.20
Mfg. Part#: 9EA-00266 UNSPSC: 43233004 Electronic distribution - NO MEDIA Contract: Illinois Microsoft M+D products (CMS6945110)				

PURCHASER BILLING INFO		SUBTOTAL	\$7,616.20
Billing Address: VILLAGE OF TINLEY PARK ACCOUNTS PAYABLE 16250 OAK PARK AVE TINLEY PARK, IL 60477-1600 Phone: (708) 532-7700 Payment Terms: Net 30 Days-Govt State/Local		SHIPPING	\$0.00
		SALES TAX	\$0.00
		GRAND TOTAL	\$7,616.20
DELIVER TO		Please remit payments to:	
Shipping Address: VILLAGE OF TINLEY PARK DENNIS MALESKI 16250 OAK PARK AVE TINLEY PARK, IL 60477-1600 Phone: (708) 532-7700 Shipping Method: ELECTRONIC DISTRIBUTION		CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515	

Need Assistance? CDW•G SALES CONTACT INFORMATION



Stephen Rooney

(877) 863-3197

steproo@cdwg.com

This quote is subject to CDW's Terms and Conditions of Sales and Service Projects at <http://www.cdwg.com/content/terms-conditions/product-sales.aspx>
For more information, contact a CDW account manager

© 2018 CDW•G LLC, 200 N. Milwaukee Avenue, Vernon Hills, IL 60061 | 800.808.4239

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-026

**A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK
AND MERDIAN IT FOR THE DESIGN AND BUILD OF A DISASTER RECOVERY
SECONDARY DATACENTER**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

RESOLUTION NO. 2019-R-026

A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND MERDIAN IT FOR THE DESIGN AND BUILD OF A DISASTER RECOVERY SECONDARY DATACENTER

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered authorizing an Contract with Merdian IT, a true and correct copy of such Contract being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "contract" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Contract.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-026, **“A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND MERDIAN IT FOR THE DESIGN AND BUILD OF A DISASTER RECOVERY SECONDARY DATACENTER,”** which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-024

**A RESOLUTION AUTHORIZING SIKICH LLP TO CONDUCT THE ANNUAL FINANCIAL
AUDIT OF THE VILLAGE FOR FISCAL YEAR ENDING APRIL 30, 2019.**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

**A RESOLUTION AUTHORIZING SIKICH LLP TO CONDUCT THE ANNUAL FINANCIAL
AUDIT OF THE VILLAGE FOR FISCAL YEAR ENDING APRIL 30, 2019.**

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered authorizing an Letter of Engagement with Sikich LLP, a true and correct copy of such Contract being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Contract be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "Letter of Engagement" be entered into and executed by said Village of Tinley Park, with said Contract to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Letter of Engagement.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 19th day of March, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 19th day of March, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

EXHIBIT 1

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-024, “**A RESOLUTION AUTHORIZING SIKICH LLP TO CONDUCT THE ANNUAL FINANCIAL AUDIT OF THE VILLAGE FOR FISCAL YEAR ENDING APRIL 30, 2019,**” which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 19, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 19th day of March, 2019.

KRISTIN A. THIRION, VILLAGE CLERK

March 12, 2019

The Board of Trustees
Mr. David Niemeyer, Village Manager
Mr. Brad Bettenhausen, Treasurer
Village of Tinley Park
16250 South Oak Park Avenue
Tinley Park, IL 60477

Gentlemen:

This engagement letter (the "Agreement") between Sikich LLP, an Illinois limited liability partnership, ("Sikich," "we," "us" or "our") and Village of Tinley Park (the "Client," "you" or "your") sets forth the mutual agreements of the parties regarding the audit of the Client's basic financial statements for the year ended April 30, 2019 (the "Services").

The Services will include an audit of the financial statements of the governmental activities, the business-type activities, each major fund, the aggregate remaining fund information and the related notes to the financial statements, which collectively comprise the basic financial statements of the Client as of and for the year ended April 30, 2019.

Accounting standards generally accepted in the United States of America provide for certain required supplementary information ("RSI"), such as management's discussion and analysis ("MD&A"), to supplement the Client's basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our Services, we will apply certain limited procedures to the Client's RSI in accordance with auditing standards generally accepted in the United States of America. These limited procedures will consist of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements and other knowledge we obtained during our audit of the basic financial statements. We will not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance. The following RSI is required by generally accepted accounting principles and will be subjected to certain limited procedures, but will not be audited:

1. Management's Discussion and Analysis.
2. Schedule of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual, for the General Fund and any major special revenue funds.
3. Schedule of Changes in the Employer's Total OPEB Liability and Related Ratios for the Other Postemployment Benefit Plan
4. Schedule of Changes in the Employer's Net Pension Liability and Related Ratios for the Illinois Municipal Retirement Fund and Police Pension Fund.
5. Schedule of Employer Contributions for the Illinois Municipal Retirement Fund and Police Pension Fund.
6. Schedule of Investment Returns for the Police Pension Fund.
7. Notes to Required Supplementary Information.

Village of Tinley Park
March 12, 2019
Page 2

We have also been engaged to report on supplementary information other than RSI that accompanies the Client's financial statements. We will subject the following supplementary information to the auditing procedures applied in our audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves and other additional procedures in accordance with auditing standards generally accepted in the United States of America and we will provide an opinion on it in relation to the financial statements as a whole in a report combined with our auditor's report on the financial statements:

1. Schedule of Expenditures of Federal Awards
2. Supplemental Financial Information
3. Consolidated Year End Financial Report

The following other information accompanying the financial statements will not be subjected to the auditing procedures applied in our audit of the financial statements and our auditor's report will not provide an opinion or any assurance on that other information.

1. Introductory Section
2. Statistical Section

AUDIT OBJECTIVE

The objective of our audit is the expression of opinions as to whether your financial statements are fairly presented, in all material respects, in conformity with U.S. generally accepted accounting principles and to report on the fairness of the supplementary information referred to in the second paragraph when considered in relation to the financial statements as a whole. If required, the objective also includes reporting on—

- Internal control related to the financial statements and compliance with the provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a material effect on the financial statements in accordance with *Government Auditing Standards*.
- Internal control related to major programs and an opinion (or disclaimer of opinion) on compliance with laws, regulations and the provisions of contracts or grant agreements that could have a direct and material effect on each major program in accordance with the Single Audit Act Amendments of 1996 and; the audit requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) and, if applicable, in accordance with any state or regulatory audit requirements.

If required, the *Government Auditing Standards* report on internal control over financial reporting and on compliance and other matters will include a paragraph that states (1) the purpose of the report is solely to describe the scope of testing of internal control and compliance and the results of that testing and not to provide an opinion on the effectiveness of the Client's internal control or on compliance and (2) the report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Client's internal control and compliance. If required, the Uniform Guidance report on internal control over compliance will include a paragraph that states that the purpose of the report on internal control over compliance is solely to describe the scope of testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Both reports will state that the report is not suitable for any other purpose.

Our audit will be conducted in accordance with auditing standards generally accepted in the United States of America; and if required, the standards for financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; the Single Audit Act Amendments of 1996; and the provisions of the Uniform Guidance and will include tests of accounting records, a determination of major program(s) in accordance with the Uniform Guidance and other procedures we consider necessary to enable us to express such opinions and to render the required reports.

Village of Tinley Park
March 12, 2019
Page 3

We cannot provide assurance that unmodified opinions will be expressed. Circumstances may arise in which it is necessary for us to modify our opinions or add emphasis-of-matter or other-matter paragraphs. If our opinions on the financial statements or the Single Audit compliance opinions are other than unmodified, we will discuss the reasons with you in advance.

If circumstances occur related to the condition of your records, the availability of sufficient, appropriate audit evidence, or the existence of a significant risk of material misstatement of the financial statements caused by error, fraudulent financial reporting, or misappropriation of assets, which in our professional judgment prevent us from completing the audit or forming an opinion on the financial statements, we retain the right to take any course of action permitted by professional standards, including declining to express an opinion or issue a report, or withdrawing from the Agreement.

AUDIT PROCEDURES - GENERAL

An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; therefore, our audit will involve judgment about the number of transactions to be examined and the areas to be tested. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We will plan and perform the audit to obtain reasonable rather than absolute assurance about whether the financial statements are free of material misstatement, whether from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the government or to acts by management or employees acting on behalf of the government. Because the determination of abuse is subjective, Government Auditing Standards do not expect auditors to provide reasonable assurance of detecting abuse.

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because we will not perform a detailed examination of all transactions, there is a risk that material misstatements or noncompliance may exist and not be detected by us, even though the audit is properly planned and performed in accordance with U.S. generally accepted auditing standards and, if required, Government Auditing Standards. In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements or major programs. However, we will inform the appropriate level of management of any material errors or any fraudulent financial reporting or misappropriation of assets that come to our attention. We will also inform the appropriate level of management of any violations of laws or governmental regulations that come to our attention, unless clearly inconsequential, and of any material abuse that comes to our attention. If required, we will include such matters in the reports required for a Single Audit.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts and may include tests of the physical existence of inventories and direct confirmation of receivables and certain other assets and liabilities by correspondence with selected individuals, funding sources, creditors and financial institutions. We will request written representations from your attorneys as part of the engagement and they may bill you for responding to this inquiry. At the conclusion of our audit, we will require certain written representations from you about your responsibilities for the financial statements; schedule of expenditures of federal awards; federal awards programs; compliance with laws, regulations, contracts and grant agreements; and other responsibilities required by generally accepted auditing standards.

AUDIT PROCEDURES - INTERNAL CONTROL

Our audit will include obtaining an understanding of the government and its environment, including internal control, sufficient to assess the risks of material misstatement of the financial statements and to design the nature, timing and extent of further audit procedures. Tests of controls may be performed to test the effectiveness of certain controls that we consider relevant to preventing and detecting errors and fraud that are material to the financial statements and to preventing and detecting misstatements resulting from illegal acts and other noncompliance matters that have a direct and material effect on the financial statements.

Village of Tinley Park
March 12, 2019
Page 4

Our tests, if performed, will be less in scope than would be necessary to render an opinion on internal control and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to Government Auditing Standards.

As required by the Uniform Guidance, we will perform tests of controls over compliance to evaluate the effectiveness of the design and operation of controls that we consider relevant to preventing or detecting material noncompliance with compliance requirements applicable to each major federal award program. However, our tests will be less in scope than would be necessary to render an opinion on those controls and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to the Uniform Guidance.

An audit is not designed to provide assurance on internal control or to identify significant deficiencies or material weaknesses. Accordingly, we will express no such opinion. However, during the audit, we will communicate to management and those charged with governance internal control related matters that are required to be communicated under AICPA professional standards, and if required, Government Auditing Standards and the Uniform Guidance.

AUDIT PROCEDURES - COMPLIANCE

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of the Client's compliance with provisions of applicable laws, regulations, contracts and agreements, including grant agreements. However, the objective of those procedures will not be to provide an opinion on overall compliance and we will not express such an opinion in our report on compliance issued pursuant to Government Auditing Standards.

Uniform Guidance requires that we also plan and perform the audit to obtain reasonable assurance about whether the auditee has complied with applicable laws and regulations and the provisions of contracts and grant agreements applicable to major programs. Our procedures, if required, will consist of tests of transactions and other applicable procedures described in the OMB Compliance Supplement for the types of compliance requirements that could have a direct and material effect on each of the Client's major programs. The purpose of these procedures will be to express an opinion on the Client's compliance with requirements applicable to each of its major programs in our report on compliance issued pursuant to the Uniform Guidance.

EXAMINATION OF MANAGEMENT'S ASSERTION OF COMPLIANCE

We will also examine management's assertion that the Client complied with the provisions of subsection (q) of Section 11-74.4-3 of the Illinois Tax Increment Redevelopment Allocation Act (Illinois Public Act 85-1142) (the ITIRAA) during the year ended April 30, 2019. The objectives of our examination are to (1) obtain reasonable assurance about whether management's assertion is free from material misstatement based on the ITIRAA. Our examination will be conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Accordingly, it will include examining on a test basis, your records and other procedures to obtain evidence necessary to enable us to express our opinion. We will issue a written report upon completion of our examination. We cannot provide assurance that an unmodified opinion will be expressed. Circumstances may arise in which it is necessary for us to modify our opinion. If our opinion is other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the examination, or are unable to form or have not formed an opinion, we may decline to express an opinion or may withdraw from this Agreement.

Because of inherent limitations of an examination engagement, together with the inherent limitations of internal control, an unavoidable risk exists that some material misstatements may not be detected, even though the examination is properly planned and performed in accordance with the attestation standards. Our report will be intended solely for the information and use of the Mayor, the Village Board, management of the Village, the Illinois State Comptroller's Office and the joint review boards and is not intended to be and should not be used by anyone other than these specified parties.

Village of Tinley Park
March 12, 2019
Page 5

We will plan and perform the examination to obtain reasonable assurance about whether management's assertion of compliance is free from material misstatement, based on the ITIRAA. Our Services will not include a detailed inspection of every transaction and cannot be relied on to disclose all material errors; known and suspected fraud; internal control deficiencies or noncompliance with laws or regulations that may exist.

We understand that you will provide us with the information required for our examination and that you are responsible for the accuracy and completeness of that information.

Management of the Client is responsible for its assertion and for its compliance with the provisions of subsection (q) of Section 11-74.4-3 of the Illinois Tax Increment Redevelopment Allocation Act and for selecting the criteria and determining that such criteria are appropriate for your purposes. You are also responsible for providing us with (1) access to all information of which you are aware that is relevant to the measurement, evaluation, or disclosure of the subject matter (2) additional information that we may request for the purpose of the examination, and (3) unrestricted access to persons within the entity from whom we determine it necessary to obtain evidence.

At the conclusion of the examination engagement, you agree to provide us with certain written representations in the form of a representation letter which can be included with the representations made in relation to the audit of the financial statements.

OTHER SERVICES

We will also assist in preparing the financial statements, schedule of expenditures of federal awards, and related notes of the Client in conformity with U.S. generally accepted accounting principles and the Uniform Guidance based on information provided by you. These and other nonaudit Services provided do not constitute an audit under *Government Auditing Standards* and such Services will not be conducted in accordance with *Government Auditing Standards*.

Other nonaudit Services expected to be performed during our audit of the financial statements as of and for the year ended April 30, 2019 and other deliverables are as follows:

1. Prepare twenty-five (25) copies and an electronic copy (.pdf) of the comprehensive annual financial report (CAFR) of the Village (report covers, binders, dividers, introductory section, Management's Discussion and Analysis, other supplemental information and statistical section information to be provided by Village).
2. Prepare fifteen (15) copies of the management letter.
3. Prepare three (3) copies and an electronic copy of each report on compliance with provisions of 65 ILCS 5/11-74 of the Illinois Tax Increment Redevelopment Allocation Act.
4. Prepare three (3) copies, an electronic copy and electronic filing of the Illinois Comptroller Annual Financial Report.
5. Prepare six (6) copies of the report on compliance with provisions of 65 ILCS 5/11-74 of the Illinois Tax Increment Redevelopment Allocation Act.
6. Preparation of fifteen (15) copies and an electronic copy (.pdf) of the Single Audit Report, if applicable.
7. Assist the Village in submitting its comprehensive annual financial report (CAFR) to the Certificate of Achievement for Excellence in Financial Reporting Program, including preparation of the GFOA Certificate Responses and review of the application materials.

MANAGEMENT RESPONSIBILITIES

Management is responsible for designing, implementing, establishing, and maintaining effective internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error, including internal controls over compliance and for evaluating and monitoring ongoing activities, to help ensure that appropriate goals and objectives are met, following laws and regulations, and ensuring that there is reasonable assurance that government programs are administered in compliance with compliance requirements.

Village of Tinley Park

March 12, 2019

Page 6

You are also responsible for the selection and application of accounting principles; for the preparation and fair presentation of the financial statements, schedule of expenditures of federal awards, and all accompanying information in conformity with U.S. generally accepted accounting principles; and for compliance with applicable laws and regulations and the provisions of contracts and grant agreements.

Management is also responsible for making all financial records and related information available to us and for the accuracy and completeness of that information. You are also responsible for ensuring that management and financial information is reliable and properly reported. You are also responsible for providing us with (1) access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statements, (2) additional information that we may request for the purpose of the audit, and (3) unrestricted access to persons within the government from whom we determine it necessary to obtain audit evidence.

Your responsibilities also include identifying significant vendor relationships in which the vendor has responsibility for program compliance and for the accuracy and completeness of that information. Your responsibilities include adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements taken as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the government involving (1) management, (2) employees who have significant roles in internal control and (3) others where the fraud could have a material effect on the financial statements. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, grantors, regulators, or others. In addition, you are responsible for identifying and ensuring that the government complies with applicable laws, regulations, contracts, agreements and grants. Additionally, as required by the Uniform Guidance, it is management's responsibility to follow up and take corrective action on reported audit findings and to prepare a summary schedule of prior audit findings and a corrective action plan. The summary schedule of prior audit findings should be available for our review.

You are responsible for identifying all federal awards received and understanding and complying with the compliance requirements and for the preparation of the schedule of expenditures of federal awards (including notes and noncash assistance received) in conformity with the Uniform Guidance, if required. You agree to include our report on the schedule of expenditures of federal awards in any document that contains and indicates that we have reported on the schedule of expenditures of federal awards. You also agree to include the audited financial statements with any presentation of the schedule of expenditures of federal awards that includes our report thereon or make the audited financial statements readily available to intended users of the schedule of expenditures of federal awards no later than the date the schedule of expenditures of federal awards is issued with our report thereon. Your responsibilities include acknowledging to us in the written representation letter that (1) you are responsible for presentation of the schedule of expenditures of federal awards in accordance with the Uniform Guidance; (2) you believe the schedule of expenditures of federal awards, including its form and content, is fairly presented in accordance with the Uniform Guidance; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the schedule of expenditures of federal awards.

You are also responsible for the preparation of the other supplementary information, which we have been engaged to report on, in conformity with U.S. generally accepted accounting principles. You agree to include our report on the supplementary information in any document that contains and indicates that we have reported on the supplementary information. You also agree to include the audited financial statements with any presentation of the supplementary information that includes our report thereon or make the audited financial statements readily available to users of the supplementary information no later than the date the supplementary information is issued with our report thereon.

Village of Tinley Park
March 12, 2019
Page 7

Your responsibilities include acknowledging to us in the written representation letter that (1) you are responsible for presentation of the supplementary information in accordance with GAAP; (2) you believe the supplementary information, including its form and content, is fairly presented in accordance with GAAP; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

Management is responsible for establishing and maintaining a process for tracking the status of audit findings and recommendations. Management is also responsible for identifying and providing report copies of previous financial audits, attestation engagements, performance audits, or other studies related to the objectives discussed in the Audit Objective section of this letter. This responsibility includes relaying to us corrective actions taken to address significant findings and recommendations resulting from those audits, attestation engagements, performance audits, or studies. You are also responsible for providing management's views on our current findings, conclusions and recommendations, as well as your planned corrective actions, for the report and for the timing and format for providing that information.

With regard to the electronic dissemination of audited financial statements, including financial statements published electronically on your website, you understand that electronic sites are a means to distribute information and, therefore, we are not required to read the information contained in these sites or to consider the consistency of other information in the electronic site with the original document.

You agree to assume all management responsibilities relating to the financial statements, schedule of expenditures of federal awards, related notes and any other non-audit Services we provide. You will be required to acknowledge in the management representation letter our assistance with preparation of the financial statements, schedule of expenditures of federal awards and related notes and that you have reviewed and approved the financial statements, schedule of expenditures of federal awards and related notes prior to their issuance and have accepted responsibility for them. Further, you agree to oversee the nonaudit Services by designating an individual, preferably from senior management, who possesses suitable skill, knowledge, or experience; evaluate the adequacy and results of those Services; and accept responsibility for them.

ENGAGEMENT ADMINISTRATION, FEES AND OTHER

In accordance with professional standards, any discussions during the period of the Agreement between any individual representing the Client and a member of the Sikich engagement team regarding potential employment or association with the Client creates an impairment of independence for the Sikich employee and possibly Sikich. Such a situation could require us to temporarily or permanently remove that person from your engagement or to perform additional procedures or re-perform procedures, which would increase our fees. Should we not become aware of the impairment until after the conclusion of the provision of Services, Sikich's independence would be deemed to have been impaired. Please inform appropriate Client personnel to refrain from any such discussions with any Sikich staff while the engagement is ongoing and notify Anthony M. Cervini immediately if you or anyone else at the Client becomes aware that any such discussions may have occurred.

We may from time-to-time and depending on the circumstances, use third-party service providers in serving your account. We may share confidential information about you with these service providers but remain committed to maintaining the confidentiality and security of your information. Accordingly, we maintain internal policies, procedures and safeguards to protect the confidentiality of your personal information. In addition, we will secure confidentiality agreements with all service providers to maintain the confidentiality of your information and we will take reasonable precautions to determine that they have appropriate procedures in place to prevent the unauthorized release of your confidential information to others. In the event that we are unable to secure an appropriate confidentiality agreement, you will be asked to provide your consent prior to the sharing of your confidential information with the third-party service provider. Furthermore, we will remain responsible for the work provided by any such third-party service providers engaged by us.

Village of Tinley Park
March 12, 2019
Page 8

Client hereby explicitly acknowledges and consents to Sikich's use of third-party cloud computing services to store confidential and proprietary information and other data of the Client and agrees that Sikich's use of such cloud services coupled with the use of encrypted devices, password protections and firewall protection shall constitute the best efforts of Sikich to safeguard such information and data from unauthorized disclosure. Client further agrees that, subject to applicable law, Sikich shall only be liable if it has finally judicially been determined that Sikich did not take commercially reasonable measures to protect the confidential and proprietary information and other data of the Client from unauthorized disclosure.

The assistance to be supplied by Client personnel is described in the workpaper request lists for preliminary (interim) and final fieldwork, which outline the specific schedules and information we are requesting for this Agreement. The workpaper request list will be discussed with and coordinated with Brad Bettenhausen, Treasurer. The timely and accurate completion of this work is an essential condition to our completion of the audit and issuance of our audit report. This Agreement assumes that all records, documentation and information we requested in connection with our audit (and outlined in the workpaper request lists) are complete and available at the beginning of the respective phases of the engagement. It also assumes that key personnel are available to us during the duration of the audit. The accuracy of these assumptions will allow us to conduct our audit without any delays or inefficiencies for the fee noted in this Agreement. If the assumptions are not accurate and you fail to provide the records, documentation, information and key personnel required, there may be additional fees to cover our cost for the delays and possible rescheduling of the engagement. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

We understand that your employees will prepare all cash, accounts receivable and other confirmations we request and will locate any documents selected by us for testing.

You may request that we perform additional services not contemplated by this Agreement. If this occurs, we will communicate with you regarding the scope of the additional services and the estimated fees. We also may issue a separate engagement letter covering the additional services. In the absence of any other written communication from us documenting such additional services, our services will continue to be governed by the terms of this Agreement. Notwithstanding the foregoing, this Agreement will not include any services related to the Affordable Care Act or consideration of taxable fringe benefits including those impacted by Affordable Care Act; in all circumstances, services related to the Affordable Care Act and other taxable fringe benefit reporting will be the subject of a separate engagement letter and will be billable under a separate hourly rate structure than the Services provided hereunder.

At the conclusion of the engagement, if required, we will complete the appropriate sections of the Data Collection Form that summarizes our audit findings. It is management's responsibility to submit the reporting package (including financial statements, schedule of expenditures of federal awards, summary schedule of prior audit findings, auditor's reports and corrective action plan) along with the Data Collection Form to the federal audit clearinghouse. We will coordinate with you the electronic submission and certification. If applicable, we will provide copies of our report for you to include with the reporting package you will submit to pass-through entities. The Data Collection Form and the reporting package must be submitted within the earlier of 30 days after receipt of the auditor's reports or nine months after the end of the audit period, unless a longer period is agreed to in advance by the cognizant or oversight agency for audits.

We will provide copies of our reports to the Client; however, management is responsible for distribution of the reports and the financial statements. Unless restricted by law or regulation, or containing privileged and confidential information, copies of our report are to be made available for public inspection.

The audit and examination documentation for this Agreement is the property of Sikich and constitutes confidential information. However, subject to applicable laws and regulations, audit and examination documentation and appropriate individuals will be made available upon request and in a timely manner to a cognizant or oversight agency for audit or its designee, a federal agency providing direct or indirect funding, or the U.S. Government Accountability Office for purposes of a quality review of the audit, to resolve audit findings, or to carry out oversight responsibilities. We will notify you of any such request. If requested, access to such audit documentation will be provided under the supervision of Sikich personnel. Furthermore, upon request, we may provide copies of selected audit documentation to the aforementioned parties.

Village of Tinley Park
March 12, 2019
Page 9

These parties may intend, or decide, to distribute the copies or information contained therein to others, including other governmental agencies.

As a result of our prior or future services to you, we might be requested or required to provide information or documents to you or a third party in a legal, administrative, regulatory inquiry (other than that mentioned in the previous paragraph) or arbitration or similar proceeding in which we are not a party. If this occurs, our efforts in complying with such requests will be deemed billable to you as a separate engagement. We shall be entitled to compensation for our time and reasonable reimbursement for our expenses (including legal fees) in complying with the request.

The audit and examination documentation for this Agreement will be retained for a minimum of seven years after the report release date or for any additional period requested by the cognizant or oversight agency for audit, or pass-through entity. If we are aware that a federal awarding agency, pass-through entity, or auditee is contesting an audit finding, we will contact the party(ies) contesting the audit finding for guidance prior to destroying the audit documentation. Sikich does not keep any original client records so we will return those to you at the completion of the Services rendered under this Agreement. When records are returned to you, it is your responsibility to retain and protect your records for possible future use, including potential examination by any government or regulatory agencies.

Final reports will be issued upon your approval of the preliminary drafts. Our audit engagement ends on delivery of our audit report. Any follow-up services that might be required will be a separate, new engagement. The terms and conditions of that new engagement will be governed by a new, specific engagement letter for that service. Anthony M. Cervini is the engagement partner and is responsible for supervising the engagement and signing the reports or authorizing another individual to sign them.

Our fee for these services will not exceed \$41,585 for the Village Comprehensive Annual Financial Report, \$3,750 for the TIF compliance reports, and \$2,600 for the Single Audit report (if applicable), which includes out-of-pocket costs such as report reproduction, postage, etc. These fees are based upon anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs. Services will be invoiced to you from time-to-time as work progresses. In accordance with Illinois Compiled Statutes, payments for all services are due within sixty days of receipt of an invoice. Invoices not paid within sixty days are subject to finance charges of 1% per month (12% annually).

We reserve the right to suspend or terminate Services for reasonable cause, such as failure to pay our invoices on a timely basis or failure to provide the information or cooperation necessary for successful performance of the Services. Our Services will be deemed to be completed upon written notification of termination, even if we have not completed our report. You will be obligated to compensate us for the time expended to that point and to reimburse us for all out-of-pocket expenditures through the date of termination.

You hereby agree to indemnify and hold harmless Sikich and its partners, directors, employees, agents or subcontractors against all costs, expenses, losses, judgments, damages and liabilities (including reasonable attorneys' fees and expenses) associated with any third party claim, threat or proceeding relating to the performance of the Services by Sikich under this Agreement, other than as determined through mediation to have been caused by our own gross negligence or willful misconduct.

You agree that our maximum liability to you for any negligent errors or omissions committed by us in the performance of the Services will be limited to the amount of fees we receive from you under this Agreement, except to the extent determined to result from our gross negligence or willful misconduct. You agree that this limitation applies to any and all liability or cause of action against us, however alleged or arising, unless otherwise prohibited by law or professional standards. Additionally, our liability as auditors shall be limited to the period covered by our audit and shall not extend to later periods for which we are not engaged as auditors or prior periods before we were engaged as auditors. In no event will Sikich be liable to you or any third party, whether a claim be in tort, contract or otherwise, for any amount in excess of the total professional fees paid pursuant to this Agreement to which the claim relates, or for any consequential, indirect, lost profit, punitive or similar damages relating to Sikich's Services provided under this Agreement.

Village of Tinley Park
March 12, 2019
Page 10

If any dispute, controversy or claim arises in connection with the performance or breach of the Agreement, either party may, on written notice to the other party, request that the matter be mediated. Such mediation will be conducted by a mediator appointed by and pursuant to the Mediation Rules of the American Arbitration Association. Both parties will exert their best efforts to discuss with each other in good faith their respective positions in an attempt to finally resolve such dispute or controversy. Each party may disclose any facts to the other party or the mediator which it, in good faith, considers necessary to resolve the matter. All such discussions, however, will be for the purpose of assisting in settlement efforts and will not be admissible in any subsequent litigation against the disclosing party. Except as agreed by both parties, the mediator will keep confidential all information disclosed during negotiations. The mediation proceedings will conclude within sixty days from receipt of the written notice unless extended or terminated sooner by mutual consent. Each party will be responsible for its own expenses. The fees and expenses of the mediator, if any, will be borne equally by the parties.

ACCEPTANCE

You acknowledge having read this Agreement in its entirety, have had full opportunity to consider its terms in consultation with your attorney, have had full and satisfactory explanation of the same and fully understand and agree to be bound by the terms of this Agreement.

Please indicate your understanding and acceptance of this Agreement and your intention to be legally bound hereby by executing this Agreement in the space provided below where indicated and return it to our offices, indicating your authorization for us to proceed on the above terms and conditions.

We appreciate the opportunity to be of service to you and believe this Agreement accurately summarizes the significant terms of our engagement. If you have any questions, please let us know.

Very truly yours,

By: Anthony M. Cervini, CPA, CFE
Partner
On behalf of Sikich LLP

RESPONSE:

This letter correctly sets forth the understanding of the Village of Tinley Park.

By: _____

Title: _____

Date: _____

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

ORDINANCE
NO. 2019-0-015

**AN ORDINANCE ADOPTING THE ANNUAL BUDGET
FOR THE FISCAL YEAR ENDING APRIL 30, 2020
FOR THE VILLAGE OF TINLEY PARK, COOK AND WILL COUNTIES, ILLINOIS**

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

**ORDINANCE
NO. 2019-0-015**

VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

AN ORDINANCE ADOPTING THE ANNUAL BUDGET
FOR THE FISCAL YEAR ENDING APRIL 30, 2020
FOR THE VILLAGE OF TINLEY PARK, COOK AND WILL COUNTIES, ILLINOIS

WHEREAS, the Board of Trustees of the Village of Tinley Park have prepared for adoption of the Annual Budget for the fiscal year ending April 30, 2020 which said Budget has been and is now on file in the office of the Village Clerk and made available for public inspection for a period of at least ten (10) days prior hereto, and which the said Budget is set forth in Appendix A entitled: Annual Budget, Village of Tinley Park, Fiscal Year ending April 30, 2020, and which said Budget is hereby incorporated into this Ordinance as though fully set out herein; and

WHEREAS, at least one public hearing has been held by the Corporate Authorities as to such Budget; and

WHEREAS, notice of such public hearing in the form and manner as prescribed by law has been given by publication in a newspaper published within the Village; and

WHEREAS, the Board of Trustees of the Village of Tinley Park wish to adopt the Annual Budget for the fiscal year ending April 30, 2020.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees, of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

SECTION ONE

The Annual Budget, as set forth in **Appendix "A,"** is hereby adopted as the Annual Budget for the Fiscal Year ending April 30, 2020, for the Village of Tinley Park. Said Budget as contained in **Appendix "A"** is hereby incorporated as fully as if recited at length herein.

SECTION TWO

That all unexpended balance of any item or items of any general category made in the annual Budget may be expended in making up any insufficiency in any item or items in the same general category and for the same general purpose or in any like category made by the Annual Budget.

SECTION THREE

This Ordinance and the Annual Budget adopted hereby are hereby adopted and pursuant to the home rule powers of the Village of Tinley Park.

SECTION FOUR

That this Ordinance shall be in full force and effect from and after its passage, approval, and publication as required by law.

PASSED this 16th day of April, 2019 on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this 16th day of April 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk

APPENDIX “A”

The full budget document for
Fiscal Year Ending April 30, 2020
can be found online at
www.TinleyPark.org

Navigate to the “Transparency Portal” page

The document will be under the heading “Annual Village Budgets”

STATE OF ILLINOIS)
 COUNTY OF COOK) SS
 COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Ordinance No.2019-O-015, “AN ORDINANCE ADOPTING THE ANNUAL BUDGET FOR THE FISCAL YEAR ENDING APRIL 30, 2020 FOR THE VILLAGE OF TINLEY PARK, COOK AND WILL COUNTIES, ILLINOIS” which was adopted by the President and Board of Trustees of the Village of Tinley Park on April 16, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this ___ day of _____ 20__.

 KRISTIN A. THIRION, VILLAGE CLERK

THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-028

A RESOLUTION AUTHORIZING TRANSFERS FROM THE GENERAL FUND, WATER AND SEWER OPERATIONS AND MAINTENANCE FUND, AND COMMUTER PARKING LOT OPERATIONS AND MAINTENANCE FUND

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

MICHAEL J. PANNITTO
BRIAN H. YOUNKER
CYNTHIA A. BERG
WILLIAM P. BRADY
MICHAEL W. GLOTZ
JOHN A. CURRAN
Board of Trustees

RESOLUTION NUMBER 2019-R-028**A RESOLUTION AUTHORIZING TRANSFERS FROM THE GENERAL FUND, WATER AND SEWER OPERATIONS AND MAINTENANCE FUND, AND COMMUTER PARKING LOT OPERATIONS AND MAINTENANCE FUND**

WHEREAS, the President and Board of Trustees of the Village of Tinley Park has heretofore established the following capital reserve funds: Capital Improvement, Repair and Replacement Fund; Sewer Rehabilitation and Replacement Fund; Water and Sewer Construction Fund; and Commuter Parking Lot Improvement and Replacement Fund to assist the Village in financing certain capital improvements or the replacement of certain capital items over time; and

WHEREAS, the President and Board of Trustees of the Village of Tinley Park has heretofore established a Tax/Bond Stabilization Fund to minimize and to stabilize future tax levy requirements for the Village's debt service requirements for capital improvements financed by bond issues or other debt instruments.

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

SECTION ONE

The Village Treasurer is hereby authorized to transfer an amount not to exceed \$9,500,000 from the General Fund of the Village of Tinley Park to the Capital Improvement and Replacement Fund of the Village of Tinley Park for the purpose of purchasing certain capital replacement items during the fiscal year ending April 30, 2020 or thereafter.

SECTION TWO

The Village Treasurer is hereby authorized to transfer an amount not to exceed \$500,000 from the General Fund of the Village of Tinley Park to the Tax/Bond Stabilization Fund to minimize future debt service payments. However, if said transfer contemplated under **Section One** has been limited to an amount less than \$4,000,000, then said transfer to the Tax/Bond Stabilization Fund shall be instead made from the Capital Improvement and Replacement Fund for the purpose aforementioned.

SECTION THREE

The Village Treasurer is hereby authorized to transfer an amount not to exceed \$1,500,000 from the Water and Sewer Operations and Maintenance Fund to the Sewer Rehabilitation and Replacement Fund; and an amount not to exceed \$1,500,000 from the Water and Sewer Operations and Maintenance Fund to the Water and Sewer Construction Fund for the purpose of providing for water and sewer infrastructure rehabilitation, replacement and construction projects during fiscal year ending April 30, 2020 or thereafter.

SECTION FOUR

The Village Treasurer is hereby authorized to transfer an amount not to exceed \$1,000,000 from the Commuter Parking Lot Operations and Maintenance Fund to the Commuter Parking Lot Improvement and Replacement Fund for parking lot rehabilitation, replacement, improvement and construction projects during fiscal year ending April 30, 2020 and thereafter.

SECTION FIVE

The expenditure of funds transferred herein to the Capital Improvement and Replacement Fund, the Sewer Rehabilitation and Replacement Fund, Water and Sewer Construction Fund and the Commuter Parking Lot Improvement Fund shall be made only upon approval of the Village Board and as part of the annual budget for the fiscal year ending April 30, 2020 unless subsequently modified by the Village Board.

SECTION SIX

This Resolution will be in full force and effect upon its adoption and approval.

ADOPTED this 16th day of April 2019

AYES:

NAYS:

ABSENT:

APPROVED this 16th day of April 2019.

VILLAGE PRESIDENT

ATTEST: _____
VILLAGE CLERK

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-028, “A RESOLUTION AUTHORIZING TRANSFERS FROM THE GENERAL FUND, WATER AND SEWER OPERATIONS AND MAINTENANCE FUND, AND COMMUTER PARKING LOT OPERATIONS AND MAINTENANCE FUND” which was adopted by the President and Board of Trustees of the Village of Tinley Park on April 16, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this _____ day of _____ 20__.

KRISTIN A. THIRION, VILLAGE CLERK

BOARD COMMENT

EXECUTIVE SESSION

ADJOURN TO EXECUTIVE SESSION TO DISCUSS:

- A. THE APPOINTMENT, EMPLOYMENT, COMPENSATION, DISCIPLINE, PERFORMANCE, OR DISMISSAL OF SPECIFIC EMPLOYEES OF THE PUBLIC BODY OR LEGAL COUNSEL FOR THE PUBLIC BODY, INCLUDING HEARING TESTIMONY ON A COMPLAINT LODGED AGAINST AN EMPLOYEE OF THE PUBLIC BODY OR AGAINST LEGAL COUNSEL FOR THE PUBLIC BODY TO DETERMINE ITS VALIDITY.**

- B. COLLECTIVE NEGOTIATING MATTERS BETWEEN THE PUBLIC BODY AND ITS EMPLOYEES OR THEIR REPRESENTATIVES, OR DELIBERATIONS CONCERNING SALARY SCHEDULES FOR ONE OR MORE CLASSES OF EMPLOYEES.**