

# **NOTICE OF STANDING COMMITTEES**

Scheduled for  
Tuesday, July 9, 2019,  
beginning at 6:30 p.m. in

Council Chambers  
Village Hall of Tinley Park  
16250 S. Oak Park Avenue  
Tinley Park, Illinois

**Administration & Legal Committee**  
**Public Safety Committee**  
**Public Works Committee**

A copy of the agendas for these meetings is attached hereto.

Kristin A. Thirion  
Clerk  
Village of Tinley Park

**NOTICE OF A MEETING**  
**OF THE PUBLIC WORKS COMMITTEE**

Notice is hereby given that a meeting of the Public Works Committee of the Village of Tinley Park, Cook and Will Counties, Illinois, will begin at 6:30 p.m. on Tuesday, July 9, 2019, in Council Chambers at the Village Hall of Tinley Park, 16250 S. Oak Park Avenue, Tinley Park, Illinois.

1. OPEN THE MEETING.
2. CONSIDER APPROVAL OF THE MINUTES OF THE PUBLIC WORKS COMMITTEE MEETING HELD ON JUNE 11, 2019, AND THE SPECIAL PUBLIC WORKS COMMITTEE MEETING HELD ON JUNE 18, 2019.
3. DISCUSS WASTE & RECYCLING CONTRACT.
4. DISCUSS CRACK SEALING.
5. DISCUSS HYDRANT PAINTING.
6. DISCUSS CONTRACT APPROVAL FOR LED STREET LIGHTING REPLACEMENT – PHASE 3.
7. DISCUSS IT ROOM ARCHITECT RFQ.
8. DISCUSS POST 7 FORCED MAIN PROJECT.
9. DISCUSS AWARD OF JOB ORDER CONTRACT FOR OFFICE AREA CONDENSING UNIT-EVAPORATOR COIL REPLACEMENT.
10. DISCUSS AWARD OF JOB ORDER CONTRACT FOR COUNCIL CHAMBERS CONDENSING UNIT-AIR HANDLER REPLACEMENT.
11. DISCUSS WATER MAIN IMPROVEMENTS FOR:
  - a. 76<sup>TH</sup> AVENUE AND NOTTINGHAM DRIVE;
  - b. 70<sup>TH</sup> AVENUE AND 174<sup>TH</sup> PLACE;
  - c. 174<sup>TH</sup> STREET AND ODELL AVENUE.
12. RECEIVE COMMENTS FROM THE PUBLIC.

ADJOURNMENT

KRISTIN A. THIRION  
VILLAGE CLERK

**MINUTES**  
**Public Works Committee**  
**June 11, 2019 - 6:30 p.m.**  
**Village Hall of Tinley Park – Council Chambers**  
**16250 S. Oak Park Avenue**  
**Tinley Park, IL 60477**

Members Present: M. Glotz, Chairman  
W. Brady, Village Trustee  
W. Brennan, Village Trustee

Members Absent: None

Other Board Members Present: None

Staff Present: D. Niemeyer, Village Manager  
B. Bettenhausen, Village Treasurer  
P. Connelly, Village Attorney  
J. Urbanski, Assistant Public Works Director  
C. Zemaitis, Village Engineer  
L. Godette, Deputy Village Clerk  
L. Carollo, Commission/Committee Secretary

**Item #1** - The meeting of the Public Works Committee meeting was called to order at 7:08 p.m.

**Item #2 – CONSIDER APPROVAL OF THE MINUTES OF THE PUBLIC WORKS COMMITTEE MEETING HELD ON MAY 14, 2019** – Motion was made by Trustee Brennan, seconded by Trustee Brady, to approve the minutes of the Public Works Committee meeting held on May 14, 2019. Vote by voice call. Chairman Glotz declared the motion carried.

**Item #3 – DISCUSS PUBLIC WORKS PURCHASING THRESHOLDS** - In an effort to maintain long-lasting relationships with vendors/contractors, staff recommended the purchasing policy limit for multiple quotes threshold contained in the Purchasing Policy Ordinance 2017-O-012 be increased from \$2,500 to \$7,500.

The current threshold of \$2,500 reduces the number of contractors providing a quote and has been found to be burdensome to both staff and estimators.

Currently, the Public Works departments on average contact contractors up to 5 times weekly in the busy seasons, requesting quotes at the \$2,500 level and an average of once weekly throughout the rest of the year. It is estimated the average job with prevailing wage and typical materials may be over \$3,500 for a day's work. Staff requested the increased cost to cover an average of 2+ days of contracted services.

Chairman Glotz asked the Public Works Committee if there were any questions. No one came forward.

Motion was made by Chairman Glotz, seconded by Trustee Brady, to recommend an Amendment to the Purchasing Policy Ordinance 2017-O-012, increasing Public Works purchasing thresholds from \$2,500 to \$7,500 be placed on the agenda for the Village Board meeting. Vote by voice. Chairman Glotz declared the motion carried.

**Item #4 – DISCUSS LAGRANGE ROAD UTILITY ENGINEERING PROPOSALS** - Chairman Glotz stated LaGrange Road Utility Engineering Proposals will be tabled for the next Public Works Committee meeting.

**Item #5 – DISCUSS WATER ASSESSMENT PROGRAM** - A Request for Qualifications (RFQ) was sent out for a qualified contractor to conduct a water assessment of the Village's water system and included the following services: Fire hydrant maintenance, fire hydrant flow testing, water system leak survey and valve exercising.

RFQs were received in FY-2019, and a 4-year renewable contract was awarded to M.E. Simpson.

Staff recommended approval of a contract renewal for one (1) year with M.E. Simpson Co. in an amount not to exceed \$149,300. Funding in the amount of \$149,300 is available in the FY-20 Budget.

Chairman Glotz asked the Committee if there were any questions. No one came forward.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend a contract renewal of one (1) year with M.E. Simpson Co. be placed on the agenda of the Village Board meeting. Vote by voice. Chairman Glotz declared the motion carried.

**Item #6 – DISCUSS RIDGELAND AVENUE SANITARY SEWER LINING PROJECT** - Two parallel sanitary sewers along Ridgeland Avenue from 167th Street to 175th Street carry approximately 40% of the Village's wastewater leading to the Metropolitan Water Reclamation District (MWRD) transmission sewer, which is currently under rehabilitation and requires a bypass system for work completion. The pumping system is currently being utilized to perform the necessary sewer rehab work. The Village will save a significant amount of money by utilizing the bypass pumping system in place rather than reinstallation of a pumping system in the future. The sanitary sewers were cleaned and televised in 2018, which at that time showed the sewers beginning to deteriorate. Lining the Ridgeland Avenue sewers would prevent further damage.

Bids were received by five (5) contractors, ranging from \$786,319.00 to \$1,178,045.75.

Staff recommended awarding a contract to Insituform Technologies for cured-in-place (CIPP) lining for two parallel sanitary sewers, located on Ridgeland Avenue, in an amount not to exceed \$786,319.00.

Funding in the amount of \$1,200,000.00 is available in the approved FY-20 Budget in the Legacy TIF Fund, MainStreet North TIF Fund and Sanitary Sewer CIP.

Chairman Glotz asked the Committee if there were any questions. No one came forward.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend awarding a contract to Insituform Technologies for Ridgeland Avenue Sanitary Sewer Lining Project in an amount not to exceed \$786,319.00, be placed on the agenda of the Village Board meeting. Vote by voice. Chairman Glotz declared the motion carried.

**Item #7 – DISCUSS POLICE STATION SHOOTING RANGE CLEANING - SERVICE CONTRACT** - Per EPA and other requirements, the Village is responsible for proper cleaning and lead removal of the Pistol Range. Scope of services includes visual inspection of bullet traps for wear/damage, removal of spent bullets/HEPA vacuum bullet trap and surrounding area, provide containers for hazardous materials, inspect/supply/install filter for facility and provide hazardous materials removal and disposal.



Per Public Works Committee direction, staff researched three qualified out-of-state vendors, however, these vendors declined to provide costs due to logistics. Six local similar shooting ranges were contacted and all have contracted with Best Technology Systems for scope of services and comparative pricing.

The Village has contracted with Best Technology Systems for the past 12 years and has been satisfied with their work performance. This service contract is requested multiple times yearly.

Chairman Glotz asked the Committee if there were any questions. No one came forward.

Staff recommended approval of an annual service contract with Best Technology Systems for annual shooting range maintenance in an amount not to exceed \$18,110. Funding is available in the approved FY-19 Budget, Municipal Buildings Fund.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend an annual service contract with Best Technology Systems for annual shooting range maintenance, in an amount not to exceed \$18,110.00, be placed on the agenda for the Village Board meeting. Vote by voice. Chairman Glotz declared the motion carried.

**Item #8 – DISCUSS 2019 MUNICIPAL PARKING LOT IMPROVEMENT PROJECT** - The Parking Lot Improvement Project consists of removal and replacement of curb/gutter/HMA surface, pavement patching, structure adjustments, pavement markings and other necessary work to complete parking lot improvements. Project locations include the west half of 80th Avenue on the north side of the tracks, east half of 80th Avenue Train Station north of Timber Drive, Village Hall south lot, Helicopter Landing Pad at the Fire Training Tower and Oak Park Avenue Train Station.

Six (6) bids were received and publicly read on June 4, 2019. Bids were received from K-Five Construction Corporation, Gallagher Asphalt Corporation, Iroquois Paving Corporation, PT Ferro Construction Company, Austin-Tyler Construction and D Construction Company. The lowest responsible bidder was K-Five Construction Corporation in the amount of \$495,161.96. In response to Trustee Brady's question, staff stated this project includes striping. The Village has worked with K-Five previously with a satisfactory work performance.

Staff recommended approval of low bid and award the project to K-Five Construction in an amount not to exceed \$485,161.96. Funding is budgeted in the FY-20 Capital Improvement Budget.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend approval of low bid and award the project to K-Five Construction for the Municipal Parking Lot Improvement Project in an amount not to exceed \$485,161.96, be placed on the agenda for the Village Board meeting. Vote by voice. Chairman Glotz declared the motion carried.

**Item #9 – DISCUSS 2019 CONCRETE FLATWORK** - The 2019 Concrete Flatwork and Curb Program consists of removal, replacement and construction of new concrete sidewalk, curbs, gutters and driveways throughout the Village, as well as constructing a retaining wall around the Calcium Chloride Tank at the Public Works facility. The project potentially may extend for 2 more years at a 2-1/2% increase per year.

Two (2) bids were received on June 4, 2019, by J&J Newell Concrete Contractors, Inc. for \$224,804.50 and Davis Concrete Construction Company for \$235,411.00.

Staff recommended approval of low bid and award the project to J&J Newell Concrete Contractors, Inc., in an amount not to exceed \$224,804.50. Funding is budgeted in the FY-20 Road and Bridge and Capital Improvement Budgets.

Chairman Glotz asked the Committee if there were any questions. No one came forward.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend approval of low bid and award the project to J&J Newell Concrete Contractors, Inc. in an amount not to exceed \$224,804.50, be placed on the agenda for the Village Board meeting. Vote by voice. Chairman Glotz declared the motion carried.

**Item #10 – DISCUSS 2019 PAVEMENT STRIPING** - The 2019 Pavement Striping Plan was added in the FY-20 Budget to clean and paint selected streets within the Village, which would include painting of centerline, lane and pavement edges, medians, stop bars and crosswalks, as well as all traffic control and protection requirements for work completion.

Four (4) sealed bids were received on June 4, 2019. Bids were received from Traffic Control Company, Precision Pavement Marking, Inc., Marking Specialists Corporation and RoadSafe Traffic Systems, Inc. The lowest responsible bidder was Traffic Control Company in the amount of \$58,483.50. The Village has worked with the Traffic Control Company previously and the company is IDOT prequalified. The project potentially may extend for 2 more years at a 1-1/4% increase per year.

Due to the bids coming in well under-budget, Public Works requested increasing the quantity and overall cost of work by 50%, for which the total cost of the project is estimated to be \$87,000. Staff recommended approval of low bid and award the project to Traffic Control Company in an amount not to exceed \$87,000. Funding is budgeted in the FY-20 Road and Bridge Budget.

Chairman Glotz questioned if the bids were correct as Traffic Control Company and Precision Pavement Marking, Inc. bid \$58,483.50 and \$59,638.75, respectively while Marking Specialists Corporation and RoadSafe Traffic Systems, Inc. bid much higher at \$134,858.75 and \$169,843.75. C. Zemaitis, Village Engineer stated both Marking Specialists Corporation and RoadSafe Traffic Systems, Inc. do not have the most efficient equipment as the lower bidders and placed bids accordingly. Chairman Glotz asked the Committee if there were any further questions. Trustee Brady asked if striping would include School Zones as he stated drivers tend to disregard signage and the need to reduce driving speed. Mr. Zemaitis stated initially School Zones were not included in the project, however, with the request to increase work by 50% striping within School Zones could be performed.

Motion was made by Chairman Glotz, seconded by Trustee Brady, to recommend approval of low bid and award the project to Traffic Control Company, in an amount not to exceed \$87,000, be placed on the agenda for the Village Board meeting. Vote by voice. Chairman Glotz declared the motion carried.

**Item #11 – DISCUSS WATER SYSTEM ANALYSIS/WATER MODEL PREPARATION** - A Professional Service Agreement was provided to the Committee for review and consideration of water system modeling, for which the water distribution system will run more efficiently and aid in future planning.

The Village utilizes various tools to maintain the water distribution system, which focus on assets in the field for the system to properly function. Field data collection through Village projects and GIS, along with Baxter & Woodman Engineering's experience will be used to analyze the existing water system and prepare a distribution system model. Distribution system modeling is used to predict the performance of a water system to solve numerous issues, which include design, operations, system planning, water

quality, water loss, energy management and emergency response. Once model finalization, any water system improvements would be added through GIS as they are completed. Recommended industry standard for complete water distribution system analysis is based on infrastructure growth and the amount of improvements made usually between three and five years. Recommendation was made to complete a water distribution system analysis in five years.

Staff recommended approval of a Professional Service Agreement for Baxter & Woodman Engineering to perform a water distribution system analysis and prepare a water distribution system model, in an amount not to exceed \$60,000. Funding in the amount of \$60,000 is available in the approved FY-20 Budget.

Chairman Glotz asked the Committee if anyone had any questions. No one came forward.

Motion was made by Trustee Brennan, seconded by Trustee Brady, to recommend a Professional Service Agreement for Baxter & Woodman Engineering to perform a water system analysis and prepare a water distribution system model, in an amount not to exceed \$60,000, be placed on the agenda for the Village Board meeting. Vote by voice. Chairman Glotz declared the motion carried.

**Item #12 – DISCUSS HVAC EQUIPMENT ANNUAL SERVICE CONTRACT RENEWAL** - The Committee received a copy of a Service Contract with Murphy and Miller, Inc. for review and consideration. The scope of services in the annual maintenance contract includes inspection of HVAC systems for wear/damage, routine preventive maintenance and inspections and equipment startups, shutdowns and control repairs.

Staff recommended service contract approval with Murphy and Miller, Inc. for annual maintenance and inspection of HVAC units within Village facilities, in the amount of \$16,786.43. Funding is budgeted and available in the approved FY-19 Budget, Municipal Buildings Fund.

Chairman Glotz asked the Committee if there were any questions. Trustee Brennan stated the service contract is over-budgeted this year. However, the Village has contracted with Murphy and Miller, Inc. for approximately the past 10 years. They have extensive knowledge of the Village's HVAC systems to assist the Village in avoiding equipment failures and optimizing the HVAC systems to operate at the most efficient levels.

Motion was made by Trustee Brady, seconded by Trustee Brennan, to recommend service contract approval with Murphy and Miller, Inc. for annual maintenance and inspection of Village HVAC units in the amount of \$16,786.43, be placed on the agenda for the Village Board meeting. Vote by voice. Chairman Glotz declared the motion carried.

**Item #13 – DISCUSS BUILDING AUTOMATION ANNUAL SERVICE CONTRACT RENEWAL** - The Committee received a copy of a Service Contract with Total Automation Concepts, Inc. for review and consideration. The scope of services in the annual maintenance contract includes inspection of all field devices, controllers and network elements for wear/damage; routine preventive maintenance, technical assistance and server/system updates; equipment testing, calibration and control repairs.

The Village has contracted with Total Automation Concepts, Inc. for approximately the past 10 years and all contracted services have been performed satisfactorily.

Staff recommended Service Contract approval with Total Automation Concepts, Inc. for annual maintenance and inspection of the Village's building automation systems, in the amount of \$55,224. Funding is budgeted and available in the approved FY-19 Budget, Municipal Buildings Fund.

Chairman Glotz asked the Committee if there were any questions. No one came forward.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend Service Contract approval with Total Automation Concepts, Inc. for annual maintenance and inspection of the Village's building automation systems, in the amount of \$55,224, be placed on the agenda for the Village Board meeting. Vote by voice. Chairman Glotz declared the motion carried.

**Item #14 – DISCUSS WATER CODE CHANGES:**

- **ADDITIONAL CHARGES FOR RESIDENTS WHO DECIDE TO NOT ALLOW THE VILLAGE TO INSTALL NEW METERS;**
- **SHUT OFF NOTICE MAILING PROCEDURE;**
- **SHUT OFF PENALTIES.**

The Committee received draft ordinance 2019-O-032 to address meter replacement, delinquent/shut-off notices and reinstatement of service for review and consideration.

The Village previously initiated a program to replace all water meters and implement Advanced Metering Infrastructure (AMI). AMI equipment has been installed and is operational. Meter change-outs have progressed, however, there is approximately 2% of meter population the Village has been unsuccessful in obtaining access to residences or buildings in which they are installed.

With the introduction of AMI, the Village obtains meter reading information for the new Sensus brand meters electronically. The older meters that have not been replaced require the Village to continue to send out a meter reader to these locations to obtain readings and are spread out throughout town, which takes considerably more time and effort than previously.

The Village has made considerable efforts to schedule these replacements; however, there has been either refusal to allow technicians to change out these meters or no response. To address these issues, Section 50.056 would be amended to create a new billing rate schedule of double the normal utility rates, which is intended to both encourage compliance to replace the older meters and to compensate the Village for extra costs and efforts to continue to maintain these meters in the system. Additionally, it would allow the Village to discontinue water service for failure to grant the Village access to the meter for inspection service, if compliance is not otherwise obtained.

The Village currently prepares a Red Card notice for delinquent accounts, which is hand delivered to the service location. The Red Card is placed on the door if no one is available at that location, advising water bill payment within 72 hours or service will be shut off. By design, the Red Card is intended to attract the owner/occupant's attention, however, periodically there have been "privacy" complaints/concerns regarding visibility of the Red Card by others besides the owner/occupant. It has been proposed to change the method of delivery of the delinquent notice to a letter format, delivered by U.S. Priority Mail. This delivery method would address the "privacy" concerns as well as provide the Village tracking of the notice. A delinquency charge of \$25 would then be charged to cover costs of the notice and delivery. Water would be shut off 72 hours after notice delivery, which allows sufficient time for payment.

Currently, the Village Code provides a fee of \$25 to turn on the water service after disconnection and this fee has not been updated in decades. After an analysis of labor costs associated with turning off and on water service for delinquency or noncompliance, it was determined the fee should be changed to \$150. These costs should not be incurred by the larger customer population compliant with the utility service provisions.

Chairman Glotz referred to noncompliance in meter replacement and the proposal of creating a new billing rate schedule of double the normal utility rates and questioned if it would be easier charging a flat fee rather than double the utility rate. Trustee Brennan questioned a flat fee if rates changed. D. Niemeyer, Village Manager stated based on research certain utility companies typically charge double the normal rate, as proposed and when this is imposed mainly compliance is attained. Discussion continued on charging a flat fee and the cost of the fee. Emphasis was placed on cost coverage to the Village as well as compliance with installation of electronic water meters. P. Connelly, Village Attorney suggested staff research a flat fee that would be fair to the Village and owner/occupant prior to the next Village Board meeting. Of note, the Village has previously sent out letters urging compliance with meter change-outs with minimal response.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend Ordinance 2019-O-032 - Amending Water Code Provisions be placed on the agenda for the Village Board meeting, pending staff research a flat fee to be imposed for water meter change-out noncompliance. Vote by voice. Chairman Glotz declared the motion carried.

**Item #15 – RECEIVE COMMENTS FROM THE PUBLIC** - No comments from the public.

#### **ADJOURNMENT**

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to adjourn this meeting of the Public Works Committee. Vote by voice call. Chairman Glotz declared the motion carried and adjourned the meeting at 7:36 p.m.

lc

**MINUTES**  
**Special Public Works Committee**  
**June 18, 2019 - 7:15 p.m.**  
**Village Hall of Tinley Park – Council Chambers**  
**16250 S. Oak Park Avenue**  
**Tinley Park, IL 60477**

Members Present: M. Glotz, Chairman  
W. Brady, Village Trustee  
W. Brennan, Village Trustee

Members Absent: None

Other Board Members Present: J. Vandenberg, Mayor  
K. Thirion, Village Clerk  
M. Mueller, Village Trustee

Staff Present: D. Niemeyer, Village Manager  
P. Carr, Assistant Village Manager  
B. Bettenhausen, Village Treasurer  
M. Walsh, Police Chief  
F. Reeder, Fire Chief  
P. Connelly, Village Attorney  
K. Clarke, Community Development Director  
D. Framke, Marketing Director  
J. Urbanski, Assistant Public Works Director  
C. Zemaitis, Village Engineer  
L. Godette, Deputy Village Clerk  
S. Clemmer, Lead Computer Technician  
L. Carollo, Commission/Committee Secretary

**Item #1** - The Special Meeting of the Public Works Committee was called to order at 7:20 p.m.

**Item #2 – DISCUSS LAGRANGE ROAD UTILITY ENGINEERING PROPOSALS** – The Village has been in the process of extending a water main and sanitary sewer west towards LaGrange Road for over a year in order to provide necessary utility services to the undeveloped parcels for future development and a Master Plan will be prepared by an engineering consultant.

Two (2) proposals were received from Robinson Engineering of \$149,000 and Baxter & Woodman, Inc. of \$78,400, for engineering services. Each firm researched and provided proposals based on the necessary services to be provided for project completion, which include utility sizing, topographic surveys, routing of utilities, utility alignment options, drawings and specifications, as well as an estimate of construction costs.

Staff recommended proposal approval and awarding engineering services to Baxter & Woodman, Inc., in the amount of \$78,400, for LaGrange Road Utility Engineering. Funding in the amount of \$170,000 is available in the FY-20 Budget.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend proposal approval and awarding engineering services to Baxter & Woodman, Inc., in the amount of \$78,400, for LaGrange

Road Utility Engineering be placed on the agenda for the Village Board meeting. Vote by voice call. Chairman Glotz declared the motion carried.

**Item #3 – RECEIVE COMMENTS FROM THE PUBLIC** - No comments from the public.

**ADJOURNMENT**

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to adjourn this Special Meeting of the Public Works Committee. Vote by voice call. Chairman Glotz declared the motion carried and adjourned the meeting at 7:22 p.m.

lc

DRAFT





# Interoffice Memo

**Date:** July 3, 2019  
**To:** Public Works Committee  
**From:** Pat Carr, Asst. Village Manager  
**CC:** Dave Niemeier, Village Manager  
**Subject:** Village Waste and Recycling RFP Results

The current refuse contract expires on September 30, 2019. The Village and the current contractor (Homewood Disposal) entered into an agreement on September 28, 1993 and exercised its current extension on September 30, 2011. The current agreement provides for the weekly collection of municipal waste and landscape waste along with the bi-weekly collection of recyclables.

Per Village Board direction, staff prepared and advertised an RFP for collection and recycling services with a closing date of May 31, 2019. The initial term of the new agreement is one (1), four (4) year term with two (2), four year renewal options with approval from the Village Board.

Staff received three (3) qualified proposals from the following companies along with their monthly price. Pricing below shows a 3.5% yearly increase for Homewood Disposal Services and Waste Management and a 4% yearly increase for Republic Services per their proposals:

Company	Year One Monthly Fee	Year Two Monthly Fee	Year Three Monthly Fee	Year Four Monthly Fee
Homewood Disposal Services	\$24.49	\$25.35	\$26.23	\$27.15
Waste Management	\$25.62	\$26.52	\$27.45	\$28.41
Republic Services	\$26.16	\$27.21	\$28.30	\$29.43

Staff is recommending retaining Homewood Disposal and negotiating an eight (8) year contract for a monthly price of \$24.49 per household, per month (Billed Quarterly) with a 3.5% annual escalator. Homewood Disposal has agreed to this rate with an eight (8) year commitment.

Included in this price are:

1. Single-Family unlimited refuse, recycling and landscape waste per contract terms.
2. Collection of bulk items
3. Disabled Veteran Discount
4. Senior Citizen Discount
5. Christmas Tree Collection
6. E-Waste Collection 2 times per year
7. Condo/Townhome HOA Optional Service

Per committee approval, this item will be placed on the July 16, 2019 Board agenda.





*Municipal Expertise. Community Commitment.*

**Jennifer S. Prinz, PE**  
Direct Line: (708) 210-5687  
Email: jprinz@reltd.com

Project 19-R0005.02

July 2, 2019

Village of Tinley Park  
16250 South Oak Park Avenue  
Tinley Park, Illinois 60477

Attn.: Colby Zemaitis, PE CFM, Village Engineer

RE: FY 2020 Crack Sealing Program

Dear Colby:

Denler, Inc. was awarded the multi-year crack sealing program contract for FY 2019. FY 2020 is the second year (of three) for this maintenance contract. Work for this project includes crack sealing of various village streets and municipal parking lots at the same unit prices awarded in the first year of the contract and under the same standards as outlined in the plans and specifications.

At this time, we would recommend that the Village award the second year of this contract to the low responsive bidder, Denler, Inc. in the amount of One Hundred and Twenty-Five Thousand Two Hundred Forty Thousand Dollars and Zero Cents (\$125,240.00).

Should there be any questions on this matter, please feel free to call me.

Respectfully yours,  
**ROBINSON ENGINEERING, LTD.**

A handwritten signature in black ink that reads 'Jennifer S. Prinz'.

Jennifer S. Prinz, PE, CFM  
Village Engineering Consultant

Encl: FY 2019 award recommendation letter  
Bid tabulation from FY 2019 bid opening

Xc: Kevin Workowski, Director of Public Works  
John Urbanski, Assistant Director of Public Works  
Kelly Mulqueeny, Street Superintendent



Municipal Expertise. Community Commitment.

Jennifer S. Prinz, PE CFM  
Direct Line: (708) 210-5687  
Email: jprinz@reltd.com

July 5, 2018

REL Project 18-R0005.02

Village of Tinley Park  
16250 South Oak Park Avenue  
Tinley Park, Illinois 60477

Attn.: Mr. Colby Zemaitis, Village Engineer

RE: FY 2019-2021 Cracking Sealing Program- Roadway & Parking Lot Maintenance

Dear Colby:

Bids were received and publicly read on Thursday July 5, 2018 at 9:31 am for the above-mentioned project and the bid results are as follows

<u>Contractor</u>	<u>Location</u>	<u>As Read &amp; Calculated Bid</u>
<b>Denler</b> SKC Construction	<b>Mokena, IL</b> Elgin, IL	<b>\$125,240.00</b> \$180,600.00
<i>Engineer's Estimate</i>		<i>\$180,000.00</i>

We have reviewed the bids and found them to be correct and in order; therefore, at this time we would recommend that the Village award the contract to the low responsive responsible bidder Denler, Inc. in the amount of One Hundred Twenty-Five Thousand Two Hundred Forty Dollars and Zero Cents (\$125,240.00)

Should there be any questions on this matter, please feel free to call me.

Respectfully yours,  
**ROBINSON ENGINEERING, LTD.**

Jennifer S. Prinz, PE CFM,  
R:\2015-2019\2018\18-R0005.TP\18-R0005.02\18-R0005.02 AWARD LTR Cracksealing.doc  
JSP/pc

Encl. Bid Tabulation

Xc Kevin Workowski, Director of Public Works via e-mail  
John Urbanski, Assistant Director of Public Works via e-mail  
Kelly Mulqueeny, Street Superintendent via e-mail



## Tabulation of Bids

Local Public Agency: Village of Tinley Park Date: 7/5/18  
 County: \_\_\_\_\_ Time: 9:31am  
 Section: \_\_\_\_\_ REL Project #: 18-R0005.02  
 Estimate: \$180,000.00

Attended By: Prinz, Jennifer

	<b>Name of Bidder:</b>	<b>Denler Inc.</b>	<b>SKC Construction Inc.</b>
	<b>Address of Bidder:</b>	20502 S. Cherry Hill Road	PO Box 503
	<b>Approved Engineer's Estimate</b>		

Item No.	Item Description	Unit	QTY	Unit Price	Total	Unit Cost	Total	Unit Cost	Total
R6001100	CRACK FILLING - ROADWAY	FOOT	305,000	\$0.50	\$152,500.00	\$0.37	\$112,240.00	\$0.52	\$158,600.00
R6001102	CRACK FILLING - PARKING LOTS	FOOT	10,000	\$0.75	\$7,500.00	\$0.72	\$7,200.00	\$1.00	\$10,000.00
R6001104	CRACK FILLING (WITH FIBER ASPHALT) - ROADWAY	FOOT	20,000	\$1.00	\$20,000.00	\$0.29	\$5,800.00	\$0.60	\$12,000.00
				<b>TOTAL:</b>	<b>\$180,000.00</b>		<b>\$125,240.00</b>		<b>\$180,600.00</b>



# Interoffice Memo

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**Date:** July 2, 2019

**To:** John Urbanski, Assistant Public Works Director

**From:** Joe Fitzpatrick, Water Superintendent

**Subject:** Hydrant Painting Contract Continuation

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Presented for July 9, 2019 PW Committee discussion and action.

Description: The Village paints fire hydrants throughout town every year. We painted approximately 600 hydrants per year previously, making this an eight year program to paint every hydrant. We have doubled the number of hydrants to paint so the program will now be four years long.

Background: Public Works presented this last year as an RFQ, which was awarded to Cryder Enterprises. The RFQ was intended to be renewable for three one year contracts, but this verbiage was missed in the issued copy. The RFQ process was utilized last year due to specifics listed beyond typical painting scopes and was established due to a history of unsatisfactory work provided from low bidders when using the normal bidding process. Previous contractors were also unable to complete the required work within the allotted timeframe and work that was completed was not able to meet Village standards. Staff is requesting to extend the previously approved RFQ an additional year and continue with the current contractor for this program and waive the bidding process. Cryder Enterprises has done great work in Tinley Park and many other municipalities. They are familiar with the requirements the Village has set and the paint used on the fire hydrants has exceeded such. Cryder's work has already proven to last much longer than previous contractors. Cryder Enterprises has agreed keep the originally quoted price to paint each fire hydrant the same as last year.

<u>Contractor:</u>	<u>Location</u>	<u>Bid</u>
Cryder Enterprises	Minooka, IL	\$83.00/hydrant

Budget/ Finance: Funding in the amount of \$117,130.00 is available in approved FY2020 Budget.

Staff Direction Request: Approve the request to waive competitive bidding and annual continuation of services from Cryder Enterprises to paint fire hydrants in the amount not to exceed \$117,130.00.

Attachments:

- 1) Letter of Continuation from contractor
- 2) Professional Service Agreement
- 3) Letter of Recommendation

# **CRYDER ENTERPRISES, INC.**

**17160 Brisbin Rd.  
Minooka, IL 60447  
Cell (815)405-6744  
Fax (815)467-1820**

TO: Village of Tinley Park  
Attn: Joe Fitzpatrick, Water Superintendent

FROM: Scott Cryder

DATE: June 6, 2019

RE: Contract Renewal For Fire Hydrants Painting

Cryder Enterprises, Inc. appreciates the opportunity to continue their work for the Village of Tinley Park as the hydrant painting contractor.

The cost to sandblast, prime, paint and labor to fire hydrants, including caps, is \$83.00 per hydrant. Paint color is yellow. Cryder Enterprises, Inc. will provide all labor, materials and other necessary items to complete the project. The cost for the work in 2019 will be the same cost that was charged to the village in 2018.

We look forward to working for your village now and for years to come. If you have any questions or need additional information, please do not hesitate to contact me.

Thank you.

Scott Cryder  
Cryder Enterprises, Inc., Owner

July 2, 2018

Mayor and Trustees  
Village of Tinley Park  
16250 South Oak Park Ave  
Tinley Park, IL 60477

***Subject: Village of Tinley Park - Fire Hydrant Painting Program - 2018 - RFQ - 006***

Dear Mayor and Trustees,

Qualifications packets were received for the Project on June 19, 2018 at 4:30PM from the following firms:

- Alpha Paintworks, Inc., Chicago, IL
- Cryder Enterprises, Inc., Minooka, IL

Qualifications were evaluated based on the level of creativity, differentiation, and measurability of four categories:

1. Scope of Work, Project Approach, and Project Management;
2. Experience of Key Personnel and Firm;
3. Pricing;
4. Client List and References.

We have analyzed each of the submittals and find Cryder Enterprises, Inc. to be both the highest qualified and the lowest priced firm. We recommend the Village negotiate a professional services agreement with Cryder Enterprises, Inc.

Please advise us of your decision.

Sincerely,

BAXTER & WOODMAN, INC.  
CONSULTING ENGINEERS



Sean O'Dell, P.E.  
Vice President

SEO:lms

## 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 Cryder Enterprises (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 Seventeen Thousand One Hundred Thirty and 00/100 Dollars (\$117,130.00)**. 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.

**Cryder Enterprises**

\_\_\_\_\_  
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.

**Cryder Enterprises**

\_\_\_\_\_  
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.

**Cryder Enterprises**

\_\_\_\_\_  
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.

**Cryder Enterprises**

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)

**Cryder Enterprises**

Name of Contractor (please print)

\_\_\_\_\_  
Submitted by (signature)

\_\_\_\_\_  
Title

**Cryder Enterprises**

BY: \_\_\_\_\_

\_\_\_\_\_ Date

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

**VILLAGE OF TINLEY PARK**

BY: \_\_\_\_\_

\_\_\_\_\_ Date

Mayor

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

ATTEST:

\_\_\_\_\_

\_\_\_\_\_ Date

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

**VILLAGE OF TINLEY PARK**

BY: \_\_\_\_\_

\_\_\_\_\_ Date

Village Manager

## **Exhibit A**

### **SCOPE OF SERVICES**

The work to be done under this scope includes furnishing of all labor, materials, transportation, tools, and supplies necessary to sandblast and paint approximately 1200 fire hydrants in 2019-2020. The objective of this scope is to provide the details of the expected material and workmanship necessary to produce a quality coating system. All painting work shall be implemented in accordance with the manufacturer's instruction and shall be performed in a manner satisfactory with the Village.

Due to budget constraints, the Village reserves the right to add or delete from the contract, as required. No adjustments in contract unit prices or additional compensation will be made for alteration in the quantities or services from the contract. The quantities listed are estimates only, and may be altered.

The Village will provide a map and hydrant inventory for each work area. The inventory will list each of the locations and identification numbers of all hydrants that will need service. On a worksheet provided by the Contractor, the following shall be documented:

- Hydrant identification number
- Date and time of surface preparation
- Date and time of first coat application
- Date and time of second and finish coat application

**Exhibit B**

**INSURANCE REQUIREMENTS**

(See Risk Manager for Insurance Requirements)



# Interoffice Memo

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**Date:** July 2, 2019

**To:** David Niemeyer, Village Manager  
Pat Carr, Assistant Village Manager

**From:** Terry Lusby, Jr., Facilities & Fleet Superintendent

**Subject:** LED Street Lighting Replacement - Phase 3 Project

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Presented for July 9th, 2019 Public Works Committee Agenda and the July 16th, 2019 Village Board Agenda discussion and possible action:

**Description:**

Tinley Park maintains approximately 4,000 street lights annually. As much as the rates are discounted by ComEd, the electric billing for these lights costs approximately \$250,000 annually. Along with electric billing, there is ongoing maintenance costs associated with the street lighting that varies based on multiple variables. Public Works has completed Phase One and Two of the LED Street Lighting Replacement Project in FY 2017 and 2018, which included approximately 887 street lights. The LED Street Lighting Replacement Project will continue to benefit the village in multiple ways. The benefits include but are not limited to:

- Energy consumption cut to a third of current usage.
- Consumption cost savings relate to a 5 year ROI.
- Live notification of outages (Not relying on citizen reports).
- Actual consumption reports (Not assumed by ComEd).
- Damage / Knock-down instant notification.
- Supplying manufacturer offers 10 year warranty on product.
- Reduction in maintenance requirements allow for staff to redirect toward infrastructure repairs.

Public Works requests consideration and possible action by the Village Board to award the bid and contract work as set forth in the bid documents established by Public Works and Christopher Burke Engineering. This contract includes optional contract extensions of two (2) - one (1) year renewals that may be approved at the sole discretion of the Village.

**Background:**

Work consists of the removal and replacement of street lighting luminaires within the specified areas as presented in the details of the contract documents. Scope of work includes demolition and removal of existing HID type fixtures, verification that existing materials are up to current electrical code standards, necessary repairs and replacement of



luminaire with specified LED type fixture. The work also includes related repairs as necessary to complete the work. Five (5) bids were opened and read publicly on Tuesday, July 2<sup>nd</sup>, 2019, at 10:01AM by the Deputy Clerk with the Facilities Superintendent and Christopher Burke Engineering present and received as follows:

<b>Contractor</b>	<b>As Read &amp; Calculated Bid</b>
John Burns Construction, Orland Park, IL	\$ 335,307.00
Excel Electric Inc., Frankfort, IL	\$ 352,259.00
H & H Electric, Franklin Park, IL	\$ 367,355.80
Utility Dynamics Corp., Oswego, IL	\$ 370,294.00
Meade Electric, McCook, IL	\$ 380,485.00

**Budget / Finance:**

Funding is available in the approved FY19 Capital Projects Budget.

Budget Available	\$341,600.00
Lowest Responsible Bidder	<u>\$335,307.00</u>
Difference (Under Budget)	\$6,293.00

**Staff Direction Request:**

1. Approve contract with John Burns Construction, of Orland Park, IL in the amount not to exceed \$335,307.00 for the LED Street Lighting Replacement – Phase 3 Project.
2. Direct staff as necessary.

**Staff Direction Request:**

1. Letter of Recommendation



# Interoffice Memo

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**Date:** July 1, 2019

**To:** David Niemeyer, Village Manager  
Michael Thomas, IT Manager

**From:** John Urbanski, Assistant Public Works Director

**Subject:** Public Safety Building IT Room Architect Approval

Presented for July 9<sup>th</sup>, 2019 Public Works Committee for discussion and possible action.

**Description:**

Based on the recently released Architect RFQ, interviews were conducted May 30<sup>th</sup> 2019 to determine the best firm to enter into an agreement with for professional services. There were six (6) proposals submitted in response to the RFQ. The list was narrowed and three (3) firms were interviewed, including: Robert Juris & Associates, Batir, and Cordogan Clark Architects. Michael Thomas and John Urbanski along with staff from both the IT and PW departments, were all present for the interviews.

It was determined by the group that the finalist that best represented our collective needs, able to offer architecture and construction management services, and recommend a fiscally sound solution would be selected. In conclusion, based on proposals, interviews and demonstration of qualifications, it is recommended that the Village approves a professional services contract with Cordogan Clark Architecture for Architectural / Engineering services at a cost of \$48,510.00 and Construction Management services at a starting cost of \$15,000.00 plus 3% of the overall construction cost estimated at \$630,000.00 (\$18,900).

Cordogan Clarks' schedule of fees were comparable with competitors and a guaranteed maximum price (GMP) will be established in the near future once scope is finalized and subcontractor bids are received.

**Staff Direction Request:**

1. Approve recommended Professional Service Contract with Cordogan Clark for the A/E Services at a cost of \$48,510.00 and CM Services at the initial cost of \$15,000.00 and 3% of the final construction cost as described.
2. Direct staff as necessary.

May 30, 2019

John Urbanski, Assistant Public Works Director  
Village of Tinley Park  
16250 S. Oak Park Avenue  
Tinley Park, IL 60477

**RE: Request for Qualifications for Professional Architectural / Engineering Services for Public Safety Facility – Tinley Park, IL**

Dear John and Planning Committee,

Cordogan Clark (CC) appreciates your consideration to provide Architectural and Engineering services for the Public Safety Facility Data Center Renovation Project as outlined in the Request for Qualifications and addendums and as described at the Pre-Submission Conference and walk-through held on May 14, 2019.

Cordogan Clark will provide basic architectural and MEP/FP engineering services for a fixed fee based on 7.70% of the projected cost of construction for the building as determined at the end of the schematic design phase. The design and scope of work shall be as defined above in within the RFQ and shall fall within the anticipated preliminary construction budget provided (+/- \$630,000). The anticipated A/E fee is therefore **\$48,510.00** at a minimum. Reimbursables shall be provided at direct cost and it is recommended that an allowance of \$1,000 be set aside for such items. Our fee by phase and general scope for each phase is described below. Cordogan Clark can also provide Construction Management Services (CM) on the project and offer a reduction in architecture/engineering services of 1/2 of a percent if we are hired to provide A/E & CM services. The CM services would include preconstruction services (estimating, scheduling and constructability analysis) and can be completed for a lump sum of **\$15,000**. The CM services would include bidding the project to local trade contractors and managing the construction with an on-site Project Manager / Superintendent as part of general conditions. The CM services fee for this project would be 3% of the cost of the work as defined by the AIA CM Agreement. All general conditions costs will be considered part of the Cost of the Work and will include the on-site management costs. The proposed fees shall be in alignment with the scope of work generally described above and in accordance with the standard AIA Contracts and shall fall within the anticipated preliminary construction budget provided.

Outlined below is our understanding of the scope of work and our associated Architectural and Engineering fees for Phases 1 through 5, plus alternative Construction Management Services.

**Phase 1 – Schematic Design (20% of Total Fee) \$9,702.00**

Schematic design documents further establish and delineate the design concept. During the schematic design phase, we preliminarily evaluate the program, project budget, and design requirements. Based on final program and project budget requirements, we prepare for review and approval a set of preliminary design documents that illustrate the scale and relationship of project components. Final schematic design solutions are then developed and documented, including plans, elevations, and sections.

Phase 1 - Schematic Design Outline:

- Establish preliminary spatial relationships based on program

- Prepare design concept options; floor plans, interior elevations, ceiling plans
- Prepare exterior design, if required
- Prepare MEP/FP conceptual system approach
- Review preliminary budget cost estimate for preferred option

**Phase 2 - Design Development (15% of Total Fee)**

**\$7,277.00**

Design Development documents proceed from schematic design to further define, refine, and illustrate the design. The design development phase uses the approved schematic design solution as the foundation for an in-depth study of each aspect of the project.

Through comparative analysis we evaluate the most appropriate/effective method of resolving the design. Interior/exterior materials are selected to complement the design aesthetic. Each design aspect is evaluated, and use determined by its cost-effective ability to fulfill the programmatic needs.

Phase 2 - Design Development Outline:

- Prepare design development documents for preferred option including drawings and other documents that specify all design elements
- Review and identify building systems (Mechanical, Plumbing, Electrical)
- Review and identify architectural/theme with relationship to color/material and space
- Coordinate planning and permit review process with those having jurisdiction
- Review systems, details, and material selections
- Review budgetary cost estimate with breakdown by trade/category
- Participate in presentation to community if required

**Phase 3 - Construction Documents (40% of Total Fee)**

**\$19,404.00**

Construction documents depict and notate the project's design and physical form. This phase identifies complete bidding and construction documents for the purpose of soliciting competitive bids from contractors to construct the project. Depending upon the actual services provided, these documents include all Architectural, Mechanical/Electrical Drawings; project manual and specifications.

Phase 3 - Construction Documents

- Confirm client goals/objectives for content, detail, & packaging of bidding documents
- Prepare construction drawings based on client approved design development drawings
- Prepare specifications to accompany construction drawings
- Establish alternates, allowances, & contingencies
- Assist in issuance of documents
- Submit documents to agencies for permit

**Phase 4 - Bidding & Negotiation (5% of Total Fee)**

**\$2,426.00**

Following the project team's review of all contract documents and project specifications, and upon approval of this material, our project team assists the client and contractor with architectural/engineering input and review for obtaining construction subcontracts. Upon receiving bid information, our team will assist the client and contractor, if desired, with evaluating proposals for completeness and to assist in determining the lowest qualified bidder.

**Phase 4: Bidding & Negotiation Outline:**

- Assist in issuance of documents
- Submit documents to agencies for permit
- Prepare addenda, if required
- Recommend contractor(s) to owner for approval
- Participate in bidding and pre-bid conferences
- Bid opening if required

**Phase 5 - Construction Administration (20% of Total Fee)**

**\$9,702.00**

Following the project team's review of all contract documents and project specifications, and upon approval of this material, our project team assists the client and contractor with architectural/engineering input and review for obtaining construction subcontracts. Upon receiving bid information, our team will assist the client and contractor, if desired, with evaluating proposals for completeness and to assist in determining the lowest qualified bidder.

**Phase 5: Construction Administration Outline:**

- Review/approve shop drawings and submittals
- Review/respond to contractor's requests for information
- Attend site construction meetings on a regular as needed basis
- Certify applications for payment submitted by contractor(s)
- Issue Certification for Substantial and Final Completion
- Payment application review & processing
- Ongoing review of conformance with design intent
- Submittal processing & approvals
- Revise drawings & specifications as needed
- Request for Information (RFI) Reviews
- Architectural Supplemental Instructions (ASI) Management
- Review punch lists & review completion

**CM PRECONSTRUCTION SERVICES**

**\$15,000.00**

The Preconstruction Phase is crucial to the success of the construction project. It is the phase of developing a solution based on the cost, time and quality goals that were established in the strategic phase of the project. This part of the project can be defined by three individual phases: Conceptual, Design Development, and Construction Documents.

**Conceptual Phase Activities:**

- Develop Master Schedule
- Conceptual Estimate and preliminary Total Project Budget Allocation
- Review Permits/Approvals Process
- Review Equipment and Furniture Needs
- Establish Reporting and Accounting Procedures
- Develop Phased Construction Schedule
- Develop Procurement Plan
- Establish Allowances/Contingencies
- Review Drawings for Constructability

- Analyze Building Systems to define cost effective solutions

**Design Development Activities:**

- Establish General Conditions costs
- Define Logistics Plans
- Track and Review Permits/Approvals
- Update Cost Estimate based on Design Development Drawings & specifications
- Analyze Budget / Design / Needs
- Update Master Schedule
- Review Drawings for Constructability
- Provide Guaranteed Maximum Price, if desired

**Construction Documents Phase:**

- Review Drawings for Constructability
- Establish Bid Alternates
- Provide Construction Schedule for Inclusion in Construction Documents
- Update Cost Estimate based on Construction Documents Drawings & specifications
- Finalize Bid Publishing
- Finalize Logistics Plans
- Help in the Coordination of Permits/Approvals
- Evaluate Specific needs for Independent Testing
- Review Construction Documents
- Establish Owner Occupancy Schedule
- Update Master Schedule
- Provide Guaranteed Maximum Price, if desired

**Bidding Phase:**

- Develop Bidders List
- Develop Interest in project from perspective Bidders
- Develop Scope of Work Specifications for multiple prime bid packages
- Manage Bidding Process

**Construction Management Services**

**3% x the Cost of the Work**

- Issue Contracts to lowest responsive & responsible prime Contractors
- Ensure review/approval, tracking and documentation of all contractors' submittals
- Furnish highly qualified, on-site supervision during construction
- Expedite and manage responses to contractors' Requests for Information (RFIs)
- Conduct weekly on-site project status and safety meetings
- Provide oversight of trade coordination; expedite resolutions, document outcomes
- Ensure quality of work compliance w/ project specifications
- Manage and update project schedule as required
- Review and recommend approval/rejection of contractor's pay applications
- Prepare and submit weekly and monthly reports to the Owner
- Review & coordinate with Owner for installations of IT & security systems
- Notify and receive authorization from Owner prior to use of project contingency funds
- Develop punch list; oversee timely completion by contractors and/or vendors
- Schedule commissioning and training sessions for all building systems
- Ensure that as-built drawings are maintained by contractor during construction

- Develop electronic record documents for Owner
- Assemble and submit all operations and maintenance information to Owner

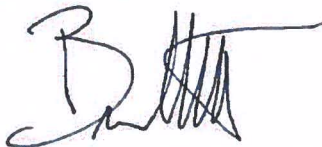
### **Schedule**

We understand the desired goal of Tinley Park is to have the new Data Center space open for use as soon as possible in early 2020. We have based our proposal under this assumption.

Thank you again for considering Cordogan Clark for your architectural, engineering and optional construction management needs. We look forward to working with you on this project. Should you have any questions, please do not hesitate to contact me at [bkronewitter@cordoganclark.com](mailto:bkronewitter@cordoganclark.com) or on my cell at 630.209.7525.

Sincerely,

**Cordogan Clark & Associates**



Brian K. Kronewitter, AIA, DBIA  
Executive Vice President

## 2019 Hourly Rate Schedule

# CORDOGAN CLARK

ARCHITECTURE • ENGINEERING • CONSTRUCTION

For additional services, which would fall beyond the scope of the Standard Agreement between Owner Contract we would charge a flat hourly rate for any such services if deemed necessary. Hourly rates shall be adjusted annually. Hourly Rate Schedule for additional work if requested by the Owner is as follows:

<b>Position</b>	<b>Rate</b>
<u>Architectural</u>	
Principal	\$235.00
Executive Vice President	\$230.00
Vice President	\$210.00
Associate	\$205.00
Project Manager	\$160.00
Project Architect	\$155.00
Interior Designer	\$145.00
Architect I	\$145.00
Architect II	\$125.00
Architect III	\$95.00
Technician I	\$75.00
Administrative Assistant	\$65.00
<u>Engineering</u>	
Electrical Engineer	\$165.00
Electrical Designer	\$135.00
Electrical Technician	\$100.00
Mechanical Engineer	\$165.00
Mechanical Designer	\$135.00
Mechanical Technician	\$100.00
<u>Structural Engineering</u>	
Principal Structural	\$175.00
Senior Structural	\$165.00
Structural Engineer I	\$135.00
Structural Technician	\$100.00
Administrative Assistant	\$65.00
<u>Construction Management</u>	
Principal	\$225.00
Project Executive	\$210.00
Vice President	\$190.00
Senior Project Manager	\$165.00
Senior Superintendent	\$175.00
Project Manager	\$135.00
Senior Estimator	\$135.00
Superintendent	\$125.00
MEP Superintendent	\$110.00
Assistant Superintendent	\$90.00
Project Engineer	\$85.00
Project Accountant	\$70.00
Administrative Assistant	\$65.00





# Interoffice Memo

**Date:** July 2, 2019

**To:** John Urbanski, Assistant Public Works Director

**From:** Joe Fitzpatrick, Water Superintendent

**Subject:** Post 7 Forced Main Improvements

Presented for July 9, 2019 PW Committee discussion and action.

Description: This project consists of cured-in-place pipe (CIPP) lining of the 14" forced main beginning at Post 7 Lift Station (164<sup>th</sup> Street on Harlem Avenue) ending on 167<sup>th</sup> Street east of Jean Lane. The forced main will be cleaned and televised beginning east of Jean Lane on 167<sup>th</sup> Street and ending at Normandy Drive and 167<sup>th</sup> Street.

Background: The Village has had multiple breaks in the forced main between Post 7 Lift Station (164<sup>th</sup> and Harlem Ave) and 167<sup>th</sup> Street. After televising this stretch of pipe, the condition of the sewer has been determined to be lineable. Lining of the forced main will significantly decrease the likelihood of having more breaks in the pipe.

The Village has had two (2) emergency repairs of the forced sewer main located in the area of 167<sup>th</sup> Street and Normandy Dr. The pipe failed to the point of replacement for approximately 100 feet, and a cost of \$135,345.49. The sewer failure caused a large void under the road, fortunately the road did not collapse. There was another break in the forced main under 167<sup>th</sup> Street west of Oak Park Avenue following these two emergency repairs. Cleaning and televising the sewer under 167<sup>th</sup> Street from east of Jean Lane to Normandy Drive, will determine the condition of the pipe. Knowing the pipe condition will assist the Village with future planning to avoid costly emergency repairs under 167<sup>th</sup> Street.

<u>Contractor:</u>	<u>Location</u>	<u>Bid</u>
Visu-Sewer	Bridgeview, IL	\$1,061,770.00
Michels Corporation	Bedford Park, IL	\$1,175,238.00
Insituform Technologies	Orland Park, IL	\$2,113,600.00

Budget/ Finance: Funding in the amount of \$1,267,402.00 is available from the approved FY2020 Budget.

Staff Direction Request: Approve awarding the contract to perform improvements of the forced sanitary sewer main from Post 7 (164<sup>th</sup> Street on Harlem Avenue) to Normandy Drive and 167<sup>th</sup> Street to Visu-Sewer in the amount not to exceed \$1,061,770.00.

Attachments:

- 1) Bid Tab
- 2) Engineer's Estimate
- 3) Engineer's Letter or Recommendation
- 4) Professional Service Agreement
- 5) Map of Project Area



# POST 7 FORCE MAIN LINING - SHEET 1

APPROVED

4/19/19

True copy of plans for the City of  
At 10:52 AM on 4/19/19

NORTH



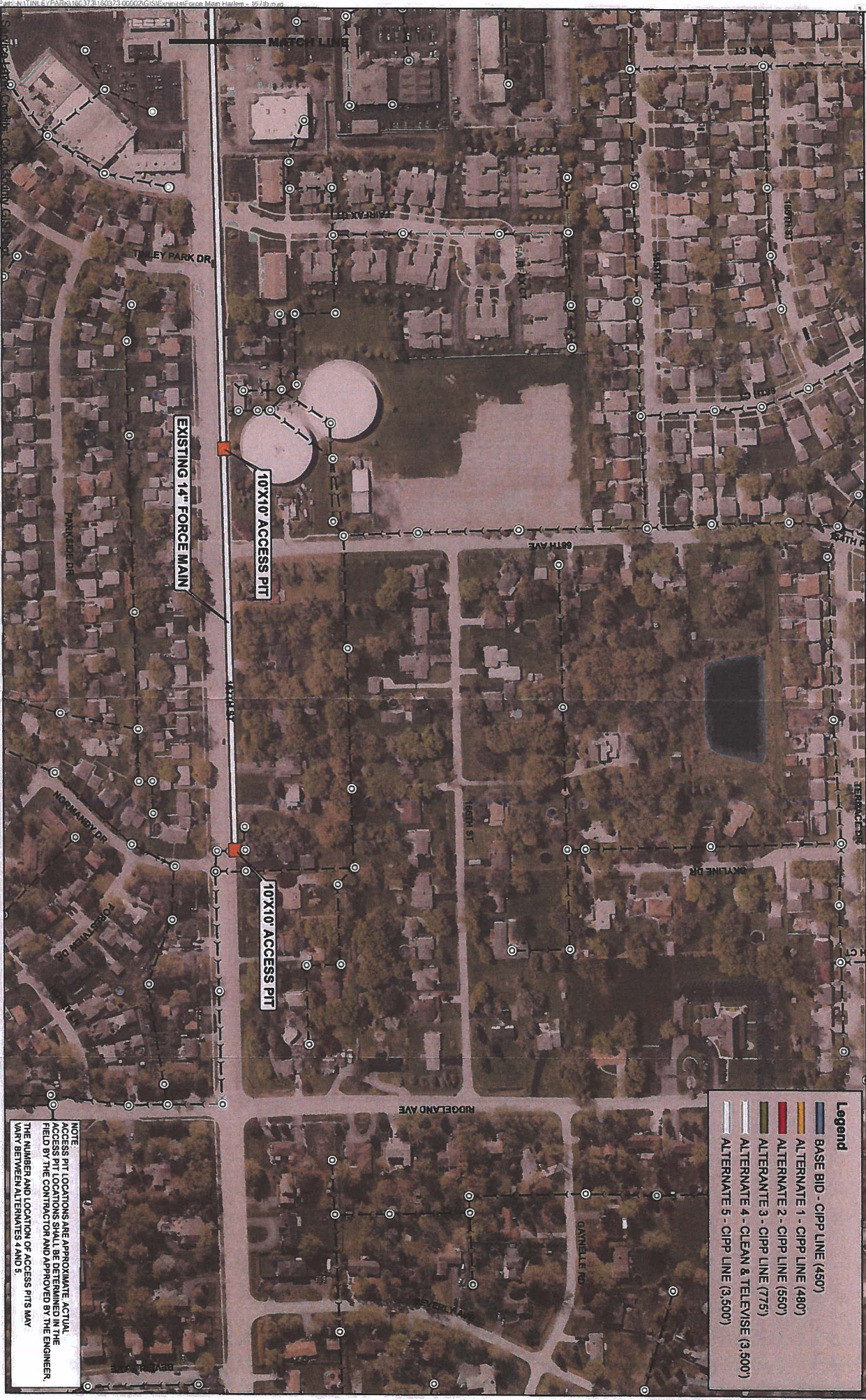
**Legend**

- BASE BID - CIPP LINE (450)
- ALTERNATE 1 - CIPP LINE (480)
- ALTERNATE 2 - CIPP LINE (550)
- ALTERNATE 3 - CIPP LINE (775)
- ALTERNATE 4 - CLEAN & TELE/ISE (3,500')
- ALTERNATE 5 - CIPP LINE (3,500')

NOTE  
ACCESS PIT LOCATIONS ARE APPROXIMATE. ACTUAL  
LOCATIONS WILL BE DETERMINED IN THE FIELD BY  
THE CONTRACTOR AND APPROVED BY THE ENGINEER.  
THE NUMBER AND LOCATION OF ACCESS PITS MAY  
VARY BETWEEN ALTERNATES 4 AND 5.



# POST 7 FORCE MAIN LINING - SHEET 2



- Legend**
- BASE BID - CIPP LINE (450')
  - ALTERNATE 1 - CIPP LINE (480')
  - ALTERNATE 2 - CIPP LINE (550')
  - ALTERNATE 3 - CIPP LINE (775')
  - ALTERNATE 4 - CLEAN & TELEWISE (3,500')
  - ALTERNATE 5 - CIPP LINE (3,500')



NOTE  
 PIT LOCATIONS ARE APPROXIMATE. ACTUAL  
 ACCESS PIT LOCATIONS SHALL BE DETERMINED IN THE  
 FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.  
 THE NUMBER AND LOCATION OF ACCESS PITS MAY  
 VARY BETWEEN ALTERNATES 4 AND 5.



## VILLAGE OF TINLEY PARK

### SERVICE CONTRACT

This contract is by and between the **Village of Tinley Park**, an Illinois home-rule municipal corporation (the "Village"), and Visu-Sewer (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 Million Sixty One Thousand Seven Hundred Seventy and 00/100 Dollars (\$1,061,770.00)**. 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.

**Visu-Sewer**

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.

**Visu-Sewer**

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.

**Visu-Sewer**

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.

**Visu-Sewer**

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)

**Visu-Sewer**

Name of Contractor (please print)

\_\_\_\_\_  
Submitted by (signature)

\_\_\_\_\_  
Title

**Visu-Sewer**

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**

The Work consists of cured-in-place sewer lining of an existing 14-inch diameter force main including access pits, site restoration and all collateral work necessary to complete the work as specified. The project is located adjacent to the Post 7 Sanitary Lift station, located between 163rd Street and 167th Street on the east side of Harlem Avenue. The project will take place in the subdivision to the east of the Post 7 Lift Station, which is bound by Harlem Avenue, Brementowne Road, Manchester Street, and 167th Street. Work shall also be completed along 167th Street from Sayre Avenue to Normandy Drive. The entire limits of work are located within the Village of Tinley Park, Illinois.

**Exhibit B**

**INSURANCE REQUIREMENTS**

(See Risk Manager for Insurance Requirements)



**CHRISTOPHER B. BURKE ENGINEERING, LTD.**

9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX (847) 823-0520

June 4, 2019

Village of Tinley Park  
Department of Public Works  
7980 W. 183<sup>rd</sup> Street  
Tinley Park, Illinois 60477

Attention: Colby Zemaitis, PE – Village Engineer

Subject: Post 7 Force Main Lining  
**Bid Results**  
(CBBEL Project No. 160373.00002)

Dear Mr. Zemaitis:

On Friday, March 1<sup>st</sup>, 2019 at 10:00 a.m. bids were received and opened for the Post 7 Force Main Lining Project. The project consists of cured-in-place pipe (CIPP) lining on the existing 14-inch sanitary force main running from the Post 7 Lift Station on Harlem Avenue to the intersection of 167<sup>th</sup> Street and Normandy Drive. Four bids were received for this project but only three bids were opened. One bid from Hoerr Construction was identified by the Village Attorney as non-compliant and was not opened. The results of the three opened bids have been reviewed and tabulated below.

CONTRACTOR	BASE BID	ALTERNATE 1	ALTERNATE 2	ALTERNATE 3	ALTERNATE 4	ALTERNATE 5
Visu-Sewer	\$ 222,210.00	\$ 197,910.00	\$ 186,150.00	\$ 253,450.00	\$ 202,050.00	\$ 677,350.00
Michels Corporation	\$ 199,467.00	\$ 182,765.00	\$ 147,900.00	\$ 275,562.50	\$ 369,543.00	\$ 865,120.00
Insituform Technologies	\$ 494,045.00	\$ 224,430.00	\$ 189,480.00	\$ 313,095.00	\$ 892,550.00	\$ 935,424.00
Engineer's Estimate	\$ 201,850.00	\$ 217,250.00	\$ 224,750.00	\$ 323,100.00	\$ 222,250.00	\$1,198,750.00

The Village has indicated that it would like to award the Base Bid and Alternates 1, 2, 3 and 4 to the lowest responsible bidder. The Base Bid and Alternates 1, 2 and 3 consist of lining the portion of the existing 14-inch force main from the Post 7 Lift Station to the 90-degree bend located approximately at 167<sup>th</sup> Street and Sayre Avenue. Alternate 4 consists of cleaning and televising the portion of the existing 14-inch force main starting from the 90-degree bend and continuing east along 167<sup>th</sup> Street to Normandy Drive.

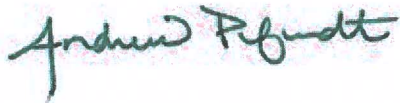
The low bidder for the combination of the Base Bid and Alternates 1, 2, 3 and 4 is Visu-Sewer, Inc. with a bid amount of \$1,061,770.00. We have reviewed Visu-Sewer's bid document and find it to be

in order. Visu-Sewer has worked with our other municipal clients successfully completing jobs of similar size and scope.

Therefore, we recommend awarding the Post 7 Force Main Lining Project to Visu-Sewer, Inc. in the amount of \$1,061,770.00.

The bid tabulation has been enclosed for your reference. If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Andrew Pufundt". The signature is written in a cursive style with a large initial 'A'.

Andrew Pufundt, PE  
Project Manager

Enclosure as Noted

cc: John Urbanski – Tinley Park Public Works (w/encl.)  
Joe Fitzpatrick – Tinley Park Public Works (w/encl.)

Christopher B. Burke Engineering, Ltd.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018

VILLAGE OF TINLEY PARK  
 RIDGELAND AVENUE SANITARY SEWER LINING  
 (CBBEL PROJECT NO. 160373.00002)

BID SUMMARY  
 BID OPENING DATE: MARCH 1, 2019

BIDDER	BASE BID	ALTERNATE 1	ALTERNATE 2	ALTERNATE 3	ALTERNATE 4	ALTERNATE 5
1 ENGINEER'S ESTIMATE	\$ 201,850.00	\$ 217,250.00	\$ 224,750.00	\$ 323,100.00	\$ 222,250.00	\$ 1,198,750.00
2 MICHELS CORPORATION	\$ 199,467.00	\$ 182,765.00	\$ 147,900.00	\$ 275,562.50	\$ 369,543.00	\$ 865,120.00
3 VISU-SEWER	\$ 222,210.00	\$ 197,910.00	\$ 186,150.00	\$ 253,450.00	\$ 202,050.00	\$ 677,350.00
4 INSITUFORM TECHNOLOGIES	\$ 494,045.00	\$ 224,430.00	\$ 189,480.00	\$ 313,095.00	\$ 892,550.00	\$ 935,424.00



Christopher B. Burke Engineering, Ltd.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018

VILLAGE OF TINLEY PARK  
 POST 7 FORCE MAIN LINING  
 (CBBELJOB 160373.00002)

BID TABULATION  
 BID OPENING DATE: MARCH 1, 2019

**BASE BID**

ITEM NO.	ITEM	UNIT	QUANTITY	ENGINEER'S ESTIMATE		MICHEL'S CORPORATION		VISU-SEWER		INSITUFORM TECHNOLOGIES	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	TEMPORARY FENCE	FOOT	100	\$ 10.00	\$ 1,000.00	\$ 7.00	\$ 700.00	\$ 7.00	\$ 700.00	\$ 2.20	\$ 220.00
2	EXPLORATION TRENCH, SPECIAL	FOOT	50	\$ 75.00	\$ 3,750.00	\$ 92.00	\$ 4,600.00	\$ 102.00	\$ 5,100.00	\$ 11.20	\$ 560.00
3	CURED-IN-PLACE FORCE MAIN LINING, 14"	FOOT	450	\$ 250.00	\$ 112,500.00	\$ 175.00	\$ 78,750.00	\$ 174.00	\$ 78,300.00	\$ 350.00	\$ 157,500.00
6	ACCESS PITS	LSUM	1	\$ 40,000.00	\$ 40,000.00	\$ 65,252.00	\$ 65,252.00	\$ 100,000.00	\$ 100,000.00	\$ 90,250.00	\$ 90,250.00
7	CLASS D PATCHES, 6 INCH	SQ YD	30	\$ 70.00	\$ 2,100.00	\$ 110.50	\$ 3,315.00	\$ 122.00	\$ 3,660.00	\$ 195.50	\$ 5,865.00
9	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$ 10,000.00	\$ 10,000.00	\$ 6,550.00	\$ 6,550.00	\$ 12,500.00	\$ 12,500.00	\$ 2,400.00	\$ 2,400.00
10	AS-BUILT DRAWINGS	L SUM	1	\$ 2,500.00	\$ 2,500.00	\$ 4,550.00	\$ 4,550.00	\$ 1,950.00	\$ 1,950.00	\$ 2,250.00	\$ 2,250.00
11	ITEMS AS ORDERED BY THE ENGINEER	UNIT	15000	\$ 1.00	\$ 15,000.00	\$ 1.00	\$ 15,000.00	\$ 1.00	\$ 15,000.00	\$ 1.00	\$ 15,000.00
12	BYPASS PUMPING	LSUM	1	\$ 15,000.00	\$ 15,000.00	\$ 20,750.00	\$ 20,750.00	\$ 5,000.00	\$ 5,000.00	\$ 220,000.00	\$ 220,000.00
				TOTAL =	\$ 201,850.00	TOTAL =	\$ 199,467.00	TOTAL =	\$ 222,210.00	TOTAL =	\$ 494,045.00

**ALTERNATE 1**

ITEM NO.	ITEM	UNIT	QUANTITY	ENGINEER'S ESTIMATE		MICHEL'S CORPORATION		VISU-SEWER		INSITUFORM TECHNOLOGIES	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	TEMPORARY FENCE	FOOT	100	\$ 10.00	\$ 1,000.00	\$ 7.00	\$ 700.00	\$ 7.00	\$ 700.00	\$ 2.20	\$ 220.00
2	EXPLORATION TRENCH, SPECIAL	FOOT	50	\$ 75.00	\$ 3,750.00	\$ 92.00	\$ 4,600.00	\$ 102.00	\$ 5,100.00	\$ 11.20	\$ 560.00
3	CURED-IN-PLACE FORCE MAIN LINING, 14"	FOOT	480	\$ 250.00	\$ 120,000.00	\$ 152.00	\$ 72,960.00	\$ 142.00	\$ 68,160.00	\$ 230.00	\$ 110,400.00
6	ACCESS PITS	LSUM	1	\$ 40,000.00	\$ 40,000.00	\$ 49,500.00	\$ 49,500.00	\$ 75,000.00	\$ 75,000.00	\$ 38,250.00	\$ 38,250.00
9	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$ 10,000.00	\$ 10,000.00	\$ 6,255.00	\$ 6,255.00	\$ 12,500.00	\$ 12,500.00	\$ 8,250.00	\$ 8,250.00
10	AS-BUILT DRAWINGS	L SUM	1	\$ 2,500.00	\$ 2,500.00	\$ 4,550.00	\$ 4,550.00	\$ 1,950.00	\$ 1,950.00	\$ 2,250.00	\$ 2,250.00
11	ITEMS AS ORDERED BY THE ENGINEER	UNIT	15000	\$ 1.00	\$ 15,000.00	\$ 1.00	\$ 15,000.00	\$ 1.00	\$ 15,000.00	\$ 1.00	\$ 15,000.00
12	BYPASS PUMPING	LSUM	1	\$ 15,000.00	\$ 15,000.00	\$ 20,750.00	\$ 20,750.00	\$ 10,000.00	\$ 10,000.00	\$ 35,000.00	\$ 35,000.00
13	ACCESS VAULT, 6'-DIAMETER	EACH	1	\$ 10,000.00	\$ 10,000.00	\$ 8,450.00	\$ 8,450.00	\$ 9,500.00	\$ 9,500.00	\$ 14,500.00	\$ 14,500.00
				TOTAL =	\$ 217,250.00	TOTAL =	\$ 182,765.00	TOTAL =	\$ 197,910.00	TOTAL =	\$ 224,430.00

**ALTERNATE 2**

ITEM NO.	ITEM	UNIT	QUANTITY	ENGINEER'S ESTIMATE		MICHEL'S CORPORATION		VISU-SEWER		INSITUFORM TECHNOLOGIES	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	TEMPORARY FENCE	FOOT	100	\$ 10.00	\$ 1,000.00	\$ 7.00	\$ 700.00	\$ 7.00	\$ 700.00	\$ 2.20	\$ 220.00
2	EXPLORATION TRENCH, SPECIAL	FOOT	50	\$ 75.00	\$ 3,750.00	\$ 92.00	\$ 4,600.00	\$ 102.00	\$ 5,100.00	\$ 11.20	\$ 560.00
3	CURED-IN-PLACE FORCE MAIN LINING, 14"	FOOT	550	\$ 250.00	\$ 137,500.00	\$ 145.00	\$ 79,750.00	\$ 138.00	\$ 75,900.00	\$ 202.00	\$ 111,100.00
6	ACCESS PITS	LSUM	1	\$ 40,000.00	\$ 40,000.00	\$ 23,275.00	\$ 23,275.00	\$ 75,000.00	\$ 75,000.00	\$ 26,000.00	\$ 26,000.00
9	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$ 10,000.00	\$ 10,000.00	\$ 2,050.00	\$ 2,050.00	\$ 2,500.00	\$ 2,500.00	\$ 2,350.00	\$ 2,350.00
10	AS-BUILT DRAWINGS	L SUM	1	\$ 2,500.00	\$ 2,500.00	\$ 1,775.00	\$ 1,775.00	\$ 1,950.00	\$ 1,950.00	\$ 2,250.00	\$ 2,250.00
11	ITEMS AS ORDERED BY THE ENGINEER	UNIT	15000	\$ 1.00	\$ 15,000.00	\$ 1.00	\$ 15,000.00	\$ 1.00	\$ 15,000.00	\$ 1.00	\$ 15,000.00
12	BYPASS PUMPING	LSUM	1	\$ 15,000.00	\$ 15,000.00	\$ 20,750.00	\$ 20,750.00	\$ 10,000.00	\$ 10,000.00	\$ 32,000.00	\$ 32,000.00
				TOTAL =	\$ 224,750.00	TOTAL =	\$ 147,900.00	TOTAL =	\$ 186,150.00	TOTAL =	\$ 189,480.00

Christopher B. Burke Engineering, Ltd.  
 9575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018

VILLAGE OF TINLEY PARK  
 POST 7 FORCE MAIN LINING  
 (CBBEL JOB 160373.00002)

BID TABULATION  
 BID OPENING DATE: MARCH 1, 2019

**ALTERNATE 3**

ITEM NO.	ITEM	UNIT	QUANTITY	ENGINEER'S ESTIMATE		MICHEL'S CORPORATION		VISU-SEWER		INSITUFORM TECHNOLOGIES	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	TEMPORARY FENCE	FOOT	150	\$ 10.00	\$ 1,500.00	\$ 7.00	\$ 1,050.00	\$ 7.00	\$ 1,050.00	\$ 11.20	\$ 1,680.00
2	EXPLORATION TRENCH, SPECIAL	FOOT	50	\$ 75.00	\$ 3,750.00	\$ 92.00	\$ 4,600.00	\$ 102.00	\$ 5,100.00	\$ 241.00	\$ 12,050.00
3	CURED-IN-PLACE FORCE MAIN LINING, 14"	FOOT	775	\$ 250.00	\$ 193,750.00	\$ 152.50	\$ 118,187.50	\$ 158.00	\$ 122,450.00	\$ 40,000.00	\$ 31,200.00
6	ACCESS PITS	LSUM	1	\$ 60,000.00	\$ 60,000.00	\$ 83,870.00	\$ 83,870.00	\$ 67,000.00	\$ 67,000.00	\$ 196.00	\$ 196.00
7	CLASS B PATCHES, 6 INCH	SQ YD	30	\$ 70.00	\$ 2,100.00	\$ 110.50	\$ 3,315.00	\$ 125.00	\$ 3,750.00	\$ 235.00	\$ 7,050.00
8	CLASS B PATCHES, 10 INCH	SQ YD	30	\$ 150.00	\$ 4,500.00	\$ 198.00	\$ 5,940.00	\$ 220.00	\$ 6,600.00	\$ 2,500.00	\$ 7,500.00
9	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$ 10,000.00	\$ 10,000.00	\$ 6,525.00	\$ 6,525.00	\$ 5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00
10	AS-BUILT DRAWINGS	UNIT	20000	\$ 2,500.00	\$ 50,000.00	\$ 1,775.00	\$ 35,500.00	\$ 1,950.00	\$ 39,000.00	\$ 1.00	\$ 20,000.00
11	ITEMS AS ORDERED BY THE ENGINEER	UNIT	1	\$ 1.00	\$ 20,000.00	\$ 1.00	\$ 20,000.00	\$ 1.00	\$ 20,000.00	\$ 30,750.00	\$ 30,750.00
12	BYPASS PUMPING	LSUM	1	\$ 15,000.00	\$ 15,000.00	\$ 20,750.00	\$ 20,750.00	\$ 10,000.00	\$ 10,000.00	\$ 15,750.00	\$ 15,750.00
13	ACCESS VAULT, 6'-DIAMETER	EACH	1	\$ 10,000.00	\$ 10,000.00	\$ 9,550.00	\$ 9,550.00	\$ 10,550.00	\$ 10,550.00	TOTAL = \$ 253,450.00	TOTAL = \$ 313,095.00
					TOTAL = \$ 323,100.00		TOTAL = \$ 275,962.50		TOTAL = \$ 253,450.00		TOTAL = \$ 313,095.00

**ALTERNATE 4**

ITEM NO.	ITEM	UNIT	QUANTITY	ENGINEER'S ESTIMATE		MICHEL'S CORPORATION		VISU-SEWER		INSITUFORM TECHNOLOGIES	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	TEMPORARY FENCE	FOOT	200	\$ 10.00	\$ 2,000.00	\$ 7.00	\$ 1,400.00	\$ 7.00	\$ 1,400.00	\$ 10.00	\$ 2,000.00
2	EXPLORATION TRENCH, SPECIAL	FOOT	150	\$ 75.00	\$ 11,250.00	\$ 158.00	\$ 23,700.00	\$ 102.00	\$ 15,300.00	\$ 12.00	\$ 1,800.00
4	SEWER CLEANING (STANDARD GRADE) AND TELEVISION, 14"	FOOT	3500	\$ 5.00	\$ 17,500.00	\$ 6.60	\$ 23,100.00	\$ 10.00	\$ 35,000.00	\$ 20.00	\$ 70,000.00
5	SEWER CLEANING (HEAVY GRADE), 14"	FOOT	1000	\$ 6.00	\$ 6,000.00	\$ 11.75	\$ 11,750.00	\$ 12.00	\$ 12,000.00	\$ 19.00	\$ 19,000.00
6	ACCESS PITS	LSUM	1	\$ 80,000.00	\$ 80,000.00	\$ 160,388.00	\$ 160,388.00	\$ 72,500.00	\$ 72,500.00	\$ 220,000.00	\$ 220,000.00
8	CLASS B PATCHES, 10 INCH	SQ YD	120	\$ 150.00	\$ 18,000.00	\$ 198.00	\$ 23,760.00	\$ 220.00	\$ 26,400.00	\$ 200.00	\$ 24,000.00
9	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$ 10,000.00	\$ 10,000.00	\$ 37,700.00	\$ 37,700.00	\$ 2,500.00	\$ 2,500.00	\$ 8,500.00	\$ 8,500.00
10	AS-BUILT DRAWINGS	UNIT	1	\$ 2,500.00	\$ 2,500.00	\$ 1,775.00	\$ 1,775.00	\$ 1,950.00	\$ 1,950.00	\$ 2,250.00	\$ 2,250.00
11	ITEMS AS ORDERED BY THE ENGINEER	UNIT	25000	\$ 1.00	\$ 25,000.00	\$ 1.00	\$ 25,000.00	\$ 1.00	\$ 25,000.00	\$ 1.00	\$ 25,000.00
12	BYPASS PUMPING	LSUM	1	\$ 50,000.00	\$ 50,000.00	\$ 60,970.00	\$ 60,970.00	\$ 10,000.00	\$ 10,000.00	\$ 520,000.00	\$ 520,000.00
					TOTAL = \$ 222,250.00		TOTAL = \$ 369,543.00		TOTAL = \$ 202,950.00		TOTAL = \$ 882,550.00

**ALTERNATE 5**

ITEM NO.	ITEM	UNIT	QUANTITY	ENGINEER'S ESTIMATE		MICHEL'S CORPORATION		VISU-SEWER		INSITUFORM TECHNOLOGIES	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	TEMPORARY FENCE	FOOT	400	\$ 10.00	\$ 4,000.00	\$ 7.00	\$ 2,800.00	\$ 7.00	\$ 2,800.00	\$ 4.50	\$ 1,800.00
2	EXPLORATION TRENCH, SPECIAL	FOOT	150	\$ 75.00	\$ 11,250.00	\$ 92.00	\$ 13,800.00	\$ 102.00	\$ 15,300.00	\$ 11.20	\$ 1,680.00
3	CURED-IN-PLACE FORCE MAIN LINING, 14"	FOOT	3500	\$ 250.00	\$ 875,000.00	\$ 127.00	\$ 444,500.00	\$ 112.00	\$ 392,000.00	\$ 209.60	\$ 733,600.00
6	ACCESS PITS	LSUM	1	\$ 160,000.00	\$ 160,000.00	\$ 204,022.00	\$ 204,022.00	\$ 110,000.00	\$ 110,000.00	\$ 10,500.00	\$ 10,500.00
8	CLASS B PATCHES, 10 INCH	SQ YD	240	\$ 150.00	\$ 36,000.00	\$ 198.00	\$ 47,520.00	\$ 220.00	\$ 52,800.00	\$ 5.60	\$ 1,344.00
9	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$ 10,000.00	\$ 10,000.00	\$ 39,735.00	\$ 39,735.00	\$ 2,500.00	\$ 2,500.00	\$ 9,250.00	\$ 9,250.00
10	AS-BUILT DRAWINGS	UNIT	1	\$ 2,500.00	\$ 2,500.00	\$ 1,775.00	\$ 1,775.00	\$ 1,950.00	\$ 1,950.00	\$ 2,250.00	\$ 2,250.00
11	ITEMS AS ORDERED BY THE ENGINEER	UNIT	50000	\$ 1.00	\$ 50,000.00	\$ 1.00	\$ 50,000.00	\$ 1.00	\$ 50,000.00	\$ 1.00	\$ 50,000.00
12	BYPASS PUMPING	LSUM	1	\$ 50,000.00	\$ 50,000.00	\$ 60,968.00	\$ 60,968.00	\$ 50,000.00	\$ 50,000.00	\$ 125,000.00	\$ 125,000.00
					TOTAL = \$ 1,198,750.00		TOTAL = \$ 865,120.00		TOTAL = \$ 677,350.00		TOTAL = \$ 935,424.00

= DENOTES DISCREPANCY IN BID CORRECTED BY CBBEL



# Memo

**Date:** July 2, 2019

**To:** David Niemeyer, Village Manager  
Pat Carr, Assistant Village Manager

**From:** Terry Lusby, Jr., Facilities & Fleet Superintendent

**Subject:** Approve Job Order Contract (JOC) With F.H. Paschen For Village Hall Main Office Area Condensing Unit & Evaporator Coil

Presented for July 9th, 2019 Public Works Committee and Village Board Agenda discussion and possible action:

**Description:**

We are requesting authorization to replace the existing condensing unit and evaporator coil at the Village Hall utilizing the Job Order Contracting (JOC) procurement method. F.H. Paschen is the awarded general contractor that will perform the work under an existing cooperative contract through the City of Naperville, this contract is for usage by other jurisdictions within Illinois pursuant to 30 ILCS 525 (Procurement #11-082). This contract can be utilized to quickly order repair or alteration construction services under an existing contract through the State of Illinois that satisfies the requirement for competitive bidding. Also, since JOC is administered by a general contractor (F.H. Paschen), adequate coverage is consistently maintained on bonding and insurance requirements. F.H. Paschen is also responsible for all aspects of contract administration, acceptance, and closeout.

**Background:**

The existing condensing unit and evaporator coil are original to the 30 year old building and have experienced several failures in the past. The Units have reached their life expectancy and should be updated for overall energy efficiency.

**Budget/Finance:**

Funding is budgeted and available in the approved FY20 Capital Projects Budget.

Budget Available	\$132,000.00
Contract Amount	\$130,833.14
<hr/>	
Difference – UNDER BUDGET	\$1,166.86

**Recommendation:**

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1. Approve the JOC contract with Gordian/F.H. Paschen, S.N. Nielsen & Associates in the amount not to exceed \$130,833.14 for the Village Hall Main Office Area Condensing Unit & Evaporator Coil Project.
2. Direct staff as necessary.

**Attachments:**

1. Gordian/F.H. Paschen, S.N. Nielsen & Associates proposal and detailed scope of work.
-



Job Order Contract  
**Detailed Scope of Work**

**Job Order Number:** 068506.00  
**Job Order Name:** Village of Tinley Park - Village Hall Main Office Area HVAC  
**Contractor Name:** F. H. Paschen, S. N. Nielsen & Associates LLC  
**Location:** 591 - 16250 S. Oak Park Ave. Tinley Park, IL 60477  
16250 S. Oak Park Ave.  
Tinley Park, IL 60477

**Date:** June 24, 2019

**Detailed Scope of Work**

Preliminary

Final

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this Detailed Scope of Work:

**Brief Scope of Work:**

We would like to request pricing to replace the existing condensing unit and evaporator coil (Village Hall Main Office Area) that is original to construction, approximately 30 years old. Multiple failures in the past years have warranted for replacement. We would like for the new unit to be a Carrier/Trane/Or like in kind but overall a more efficient system.

**Detailed Scope of Work:**

Tinley Park Village Hall HVAC

- Disconnect and remove existing humidifier and dispose.
- Disconnect and remove existing Trane R-22 condensing unit and dispose.
- Furnish and install one (1) Carrier 30 Ton R410A dual circuit condensing unit.
- Furnish and install one (1) custom made dual stage evaporator coil to match the existing.
- Furnish and install ne thermal expansion valves and solenoid valves on the new coil.
- Furnish and install new refrigerant piping from the condensunit unit to the air handler.
- Leak check system and evacuate to Industry Standards.
- Charge system with R-410a refrigerant.
- Provide a crane.
- Furnish and install all necessary electrical connections.
- Furnish and install all control work to existing BAS (by TAC).
- Start and check operation.
- This proposal includes a four (4) year manufacturer warranty.
- This proposal excludes permit fees or bonds.
- This proposal excludes any premium time or overtime. Work is assumed to be performed during normal working hours.
- This proposal excludes any unforeseen conditions.
- This proposal excludes work not described above.
- This proposal excludes the removal and disposal of any hazardous material.

Detailed Scope of Work - 068506.00

**Job Order Contract**

**Proposal Review Summary - CSI**

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**Date:** June 24, 2019  
**Work Order #:** 068506.00  
**Title:** Village of Tinley Park - Village Hall Main Office Area HVAC  
**Contractor:** 11-082 - F. H. Paschen, S. N. Nielsen & Associates LLC  
**Proposal Value:** \$130,833.14  
**Proposal Name:** Village of Tinley Park - Village Hall Main Office Area HVAC Rev 02  
**Proposal Submitted:** 06/24/2019

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<b>01 - General Requirements:</b>	<b>\$11,371.85</b>
<b>02 - Site Work:</b>	<b>\$434.03</b>
<b>05 - Metals:</b>	<b>\$328.50</b>
<b>22 - Plumbing:</b>	<b>\$4,378.40</b>
<b>23 - Heating, Ventilating, And Air-Conditioning (HVAC):</b>	<b>\$98,461.58</b>
<b>26 - Electrical:</b>	<b>\$14,404.89</b>
<b>41 - Material Processing And Handling Equipment:</b>	<b>\$1,453.89</b>
<b>Proposal Total</b>	<b>\$130,833.14</b>

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals

**The Percent of NPP on this Proposal: 32.18%**

**Job Order Contract**  
**Proposal Review Detail - CSI**

**Date:** June 24, 2019  
**Work Order #:** 068506.00  
**Title:** Village of Tinley Park - Village Hall Main Office Area HVAC  
**Contractor:** 11-082 - F. H. Paschen, S. N. Nielsen & Associates LLC  
**Proposal Value:** \$130,833.14  
**Proposal Name:** Village of Tinley Park - Village Hall Main Office Area HVAC Rev 02  
**Proposal Submitted:** 06/24/2019

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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**01 - General Requirements**

1	01 22 16 00-0002		EA	Reimbursable Fees Note: Reimbursable Fees will be paid to the contractor for the actual cost of all permits, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The labor cost involved in obtaining all permits is in the Adjustment Factor. The base cost of the Reimbursable Fee is \$1.00. The quantity used will adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, each one shall be listed separately with a comment in the "note" block to identify the Reimbursable Fees (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be included with the Proposal.	\$2,500.00
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	Quantity	Unit Price	Factor	Total
Installation	2,500.00 x	1.00 x	1.0000 =	\$2,500.00

**Contractors Note:** 5 year compressor warranty

2	01 22 23 00-0478		DAY	60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator	\$2,431.70
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	Quantity	Unit Price	Factor	Total
Installation	1.00 x	2,023.38 x	1.2018 =	\$2,431.70

**Contractors Note:** Crane to hoist and set new unit

3	01 22 23 00-0734		DAY	3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	\$2,222.87
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	Quantity	Unit Price	Factor	Total
Installation	2.00 x	924.81 x	1.2018 =	\$2,222.87

**Contractors Note:** Truck used to haul and dispose of existing equipment. Separate truck utilized to deliver new unit .

**Category1:**

4	01 22 23 00-0734		DAY	3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	\$2,222.87
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	Quantity	Unit Price	Factor	Total
Installation	2.00 x	924.81 x	1.2018 =	\$2,222.87

**Contractors Note:** Truck used to haul and dispose of existing humidifier and deliver new humidifier.

**Category1:**

5	01 71 13 00-0008		EA	70 To 100 Ton Lift Move On/Off Cost, Truck Mounted Crane	\$1,994.41
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	Quantity	Unit Price	Factor	Total
Installation	2.00 x	829.76 x	1.2018 =	\$1,994.41

**Contractors Note:** Crane mobilization & demobilization

**Subtotal for 01 - General Requirements: \$11,371.85**

**02 - Site Work**

6	02 41 19 13-0212		IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	\$324.31
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	Quantity	Unit Price	Factor	Total
Installation	105.00 x	2.57 x	1.2018 =	\$324.31

**Contractors Note:** Drill into existing concrete to anchor new conduit supports and boxes

**Category1: Electrical**



Date: June 24, 2019  
 Work Order #: 068506.00  
 Title: Village of Tinley Park - Village Hall Main Office Area HVAC

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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**02 - Site Work**

7	02 41 19 13-0222		IN	1/2" Diameter Drilling In Brick Or Block Per Inch Of Depth	\$109.72		
				Quantity	Unit Price	Factor	Total
				Installation 55.00 x	1.66 x	1.2018 =	\$109.72

Contractors Note: Drill into existing CMU to anchor new conduit supports and boxes

Category1: Electrical

**Subtotal for 02 - Site Work: \$434.03**

**05 - Metals**

8	05 05 23 00-0124		EA	3/8" Diameter x 3" Long Wedge Anchor Expansion Bolt	\$186.76		
				Quantity	Unit Price	Factor	Total
				Installation 15.00 x	10.36 x	1.2018 =	\$186.76

Contractors Note: Anchor Unistrut to wall

Category1:

9	05 43 00 00-0004		LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	\$97.83		
				Quantity	Unit Price	Factor	Total
				Installation 10.00 x	8.14 x	1.2018 =	\$97.83

Contractors Note: Unistrut used to anchor new humidifier to wall

Category1:

10	05 43 00 00-0015		EA	3/8-16 Lock Nut With Spring For Unistrut Channel	\$43.91		
				Quantity	Unit Price	Factor	Total
				Installation 6.00 x	6.09 x	1.2018 =	\$43.91

Contractors Note: Unistrut hardware

Category1:

**Subtotal for 05 - Metals: \$328.50**

**22 - Plumbing**

11	22 07 19 00-0007		LF	1-1/2" Diameter Pipe, 1/2" Thick Fiberglass Insulation	\$3,703.47		
				Quantity	Unit Price	Factor	Total
				Installation 360.00 x	6.66 x	1.2018 =	\$2,881.44
				Demolition 360.00 x	1.90 x	1.2018 =	\$822.03

Contractors Note: Pipe insulation replacement.

12	22 07 19 00-0007	0048	LF	For Work In Restricted Working Space, Add	\$674.93		
				Quantity	Unit Price	Factor	Total
				Installation 360.00 x	1.56 x	1.2018 =	\$674.93

Contractors Note:

**Subtotal for 22 - Plumbing: \$4,378.40**

**23 - Heating, Ventilating, And Air-Conditioning (HVAC)**

13	23 01 20 00-0108		EA	Purge Liquid System, 250-500 LF Of 2" - 4" Diameter Pipe	\$5.19		
				Quantity	Unit Price	Factor	Total
				Installation 1.00 x	4.32 x	1.2018 =	\$5.19

Excludes Labor

Contractors Note: Purge system prior to new pipe and unit installation. Excludes labor.

Category1:



Proposal Review Detail - CSI Continued..

Date: June 24, 2019  
 Work Order #: 068506.00  
 Title: Village of Tinley Park - Village Hall Main Office Area HVAC

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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**23 - Heating, Ventilating, And Air-Conditioning (HVAC)**

14	23 01 60 00-0002	LB		Recovery Of Refrigerant	\$9.91	
<b>Excludes Labor</b>						
			Quantity	Unit Price	Factor	Total
		Installation	165.00 x	0.05 x	1.2018 =	\$9.91

**Contractors Note:** Recovery of refrigerant prior to demo. Excludes labor.

**Category1:**

15	23 09 23 00-0006	HR		EMCS System Software Programming And Graphics Programming	\$15,216.88	
<b>Excludes Labor</b>						
			Quantity	Unit Price	Factor	Total
		Installation	63.00 x	200.98 x	1.2018 =	\$15,216.88

**Contractors Note:** TAC controls for the village hall scope of work

16	23 09 23 00-0009	HR		EMCS On-Site System Diagnostics Field Technician	\$28,921.59	
<b>Excludes Labor</b>						
			Quantity	Unit Price	Factor	Total
		Installation	127.00 x	189.49 x	1.2018 =	\$28,921.59

**Contractors Note:** Line item is labor costs per Murphy & Miller's cost breakdown for all mechanical work required for the Village Hall Condenser. Line item labor does not include insulator, electrical or crane labor hours.

17	23 23 13 00-0016	EA		1 3/8" Refrigeration Valve, Packed	\$742.14	
<b>Excludes Labor</b>						
			Quantity	Unit Price	Factor	Total
		Installation	4.00 x	133.31 x	1.2018 =	\$640.85
		Demolition	4.00 x	21.07 x	1.2018 =	\$101.29

**Contractors Note:** Install new valves. Excludes labor.

18	23 23 13 00-0027	EA		1 3/8" Check Valve, Refrigeration	\$1,022.64	
<b>Excludes Labor</b>						
			Quantity	Unit Price	Factor	Total
		Installation	6.00 x	131.74 x	1.2018 =	\$949.95
		Demolition	6.00 x	10.08 x	1.2018 =	\$72.68

**Contractors Note:** Install new check valves. Excludes labor.

19	23 23 13 00-0039	EA		1 3/8" Solenoid Valve, Refrigeration	\$1,964.13	
<b>Excludes Labor</b>						
			Quantity	Unit Price	Factor	Total
		Installation	8.00 x	194.21 x	1.2018 =	\$1,867.21
		Demolition	8.00 x	10.08 x	1.2018 =	\$96.91

**Contractors Note:** Install new solenoid valves. Excludes labor.

**Category1:**

20	23 23 16 00-0084	LF		1-3/8" Outside Diameter ACR Copper Tubing, Annealed	\$3,611.17	
<b>Excludes Labor</b>						
			Quantity	Unit Price	Factor	Total
		Installation	320.00 x	5.45 x	1.2018 =	\$2,095.94
		Demolition	320.00 x	3.94 x	1.2018 =	\$1,515.23

**Contractors Note:** Copper tubing required for new condensing unit refrigerant line installation. Excludes labor.

21	23 23 16 00-0097	EA		1 3/8" Copper Tee Sweat Straight ACR	\$305.92	
<b>Excludes Labor</b>						
			Quantity	Unit Price	Factor	Total
		Installation	5.00 x	22.87 x	1.2018 =	\$137.43
		Demolition	5.00 x	28.04 x	1.2018 =	\$168.49

**Contractors Note:** Copper Tee as required for refrigerant line installation. Excludes labor.

22	23 23 16 00-0108	EA		1 3/8" Short Radius 90 Degree Elbow, ACR	\$970.81	
<b>Excludes Labor</b>						
			Quantity	Unit Price	Factor	Total
		Installation	20.00 x	20.68 x	1.2018 =	\$497.06
		Demolition	20.00 x	19.71 x	1.2018 =	\$473.75

**Contractors Note:** Copper elbows as required for refrigerant line installation. Excludes labor.

Proposal Review Detail - CSI Continued..

Date: June 24, 2019  
 Work Order #: 068506.00  
 Title: Village of Tinley Park - Village Hall Main Office Area HVAC

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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**23 - Heating, Ventilating, And Air-Conditioning (HVAC)**

23	23 23 16 00-0119		EA	1 3/8" Coupling Copper Sweat, ACR	\$646.57
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Excludes Labor	Quantity	Unit Price	Factor	Total
	20.00	7.19	1.2018 =	\$172.82
	20.00	19.71	1.2018 =	\$473.75

Contractors Note: Copper Couplings as required for refrigerant line installation. Excludes labor.

24	23 23 23 00-0005		LB	Refrigerant R-410A	\$1,975.04
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Quantity	Unit Price	Factor	Total
165.00	9.96	1.2018 =	\$1,975.04

Contractors Note: Charge refrigerant system. Excludes labor.

25	23 62 23 00-0006		EA	30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	\$16.42
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Excludes Labor	Excludes Material	Quantity	Unit Price	Factor	Total
		1.00	13.66	1.2018 =	\$16.42

Contractors Note: Install 30 ton condensing unit. Excludes labor

Category1:

26	23 74 00 00-0003		LS	Carrier 30 Ton Condensing Unit	\$32,550.00
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NPP Task	Quantity	Unit Price	Factor	Total
	1.00	31,000.00	1.0500 =	\$32,550.00

Contractors Note: Line item is for material only for one (1) Carrier 30 Ton Condensing unit

Category1:

27	23 74 00 00-0004		LS	Carrier 2 Stage Evaporator Coil	\$9,555.00
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NPP Task	Quantity	Unit Price	Factor	Total
	1.00	9,100.00	1.0500 =	\$9,555.00

Contractors Note: Line item is for material only for one (1) Carrier 2 Stage Evaporator Coil

Category1:

28	23 81 26 00-0081		EA	5 Ton Cooling A/C Evaporator Coil, Downflow	\$2.55
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Excludes Labor	Excludes Material	Quantity	Unit Price	Factor	Total
		1.00	2.12	1.2018 =	\$2.55

Contractors Note: Install 2 stage evaporator coil. Excludes labor

Category1:

29	23 84 13 00-0012		EA	20-168 #/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	\$945.62
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Excludes Material	Quantity	Unit Price	Factor	Total
	1.00	473.77	1.2018 =	\$569.38
	1.00	313.07	1.2018 =	\$376.25

Contractors Note: Remove and replace existing steam humidifier. Line item excludes material.

Category1:

**Subtotal for 23 - Heating, Ventilating, And Air-Conditioning \$98,461.58**

**26 - Electrical**

30	26 01 20 00-0003		EA	Lock Out/Tag Out Breaker Or Motor Starter	\$171.92
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Quantity	Unit Price	Factor	Total
5.00	28.61	1.2018 =	\$171.92

Contractors Note: Log out tag out circuits

Category1: Electrical

Proposal Review Detail - CSI Continued..

Date: June 24, 2019  
 Work Order #: 068506.00  
 Title: Village of Tinley Park - Village Hall Main Office Area HVAC

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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<b>26 - Electrical</b>					
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31	26 01 20 00-0005		EA	Existing Circuit Tracing Per Device	\$95.66
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	Quantity		Unit Price		Factor	Total
Installation	5.00	x	15.92	x	1.2018 =	\$95.66

Contractors Note: Trace circuits for lock out tag out

Category1: Electrical

32	26 05 13 00-0185		EA	250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	\$3,116.80
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	Quantity		Unit Price		Factor	Total
Installation	8.00	x	217.18	x	1.2018 =	\$2,088.06
Demolition	8.00	x	107.00	x	1.2018 =	\$1,028.74

Contractors Note: Terminate existing power cables and termination of power cables within unit.

Category1: Electrical

33	26 05 29 00-0007		LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	\$1,142.19
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	Quantity		Unit Price		Factor	Total
Installation	55.00	x	13.79	x	1.2018 =	\$911.51
Demolition	55.00	x	3.49	x	1.2018 =	\$230.69

Contractors Note: Replace Unistrut pipe supports

Category1: Electrical

34	26 05 29 00-0154		EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	\$243.54
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	Quantity		Unit Price		Factor	Total
Installation	15.00	x	13.51	x	1.2018 =	\$243.54

Contractors Note: Electrical conduit hangers

Category1: Electrical

35	26 05 29 00-0154	0123	EA	For Work In Restricted Working Space, Add	\$29.02
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	Quantity		Unit Price		Factor	Total
Installation	15.00	x	1.61	x	1.2018 =	\$29.02

Contractors Note:

Category1: Electrical

36	26 05 33 00-0009		CLF	3/4" EMT With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	\$1,843.21
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	Quantity		Unit Price		Factor	Total
Installation	1.50	x	718.17	x	1.2018 =	\$1,294.65
Demolition	1.50	x	304.30	x	1.2018 =	\$548.56

Contractors Note: conduit / wire replacement for new humidifier.

Category1: Electrical

37	26 05 33 00-0009		CLF	3/4" EMT With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	\$3,686.41
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	Quantity		Unit Price		Factor	Total
Installation	3.00	x	718.17	x	1.2018 =	\$2,589.29
Demolition	3.00	x	304.30	x	1.2018 =	\$1,097.12

Contractors Note: Furnish and install conduit and wire for air handling unit, condensing unit and water circulation.

Category1: Electrical

Proposal Review Detail - CSI Continued..

Date: June 24, 2019  
 Work Order #: 068506.00  
 Title: Village of Tinley Park - Village Hall Main Office Area HVAC

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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<b>26 - Electrical</b>					
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38	26 05 33 00-0174		EA	#1542D Junction Box	\$86.43
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	Quantity		Unit Price		Factor	Total
Installation	4.00	x	17.98	x	1.2018 =	\$86.43

Contractors Note: Install new junction boxes

Category1: Electrical

39	26 05 33 00-0712		LF	3/4" EMT Conduit, Mounted Exposed On Flat Wall	\$721.08
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	Quantity		Unit Price		Factor	Total
Installation	120.00	x	3.89	x	1.2018 =	\$561.00
Demolition	120.00	x	1.11	x	1.2018 =	\$160.08

Contractors Note: Conduit for controls contractor.

Category1: Electrical

40	26 05 33 00-0712	0037	LF	For Work In Restricted Working Space, Add	\$151.43
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	Quantity		Unit Price		Factor	Total
Installation	120.00	x	1.05	x	1.2018 =	\$151.43

Contractors Note:

Category1: Electrical

41	26 05 33 00-0745		EA	3/4" EMT Compression Coupling	\$31.25
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	Quantity		Unit Price		Factor	Total
Installation	5.00	x	5.20	x	1.2018 =	\$31.25

Contractors Note: Conduit fittings

Category1: Electrical

42	26 05 33 00-0745	0037	EA	For Work In Restricted Working Space, Add	\$8.77
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	Quantity		Unit Price		Factor	Total
Installation	5.00	x	1.46	x	1.2018 =	\$8.77

Contractors Note:

Category1: Electrical

43	26 05 33 00-0778		EA	3/4" EMT Box Connector, Compression	\$36.47
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	Quantity		Unit Price		Factor	Total
Installation	5.00	x	6.07	x	1.2018 =	\$36.47

Contractors Note: Conduit fittings

Category1: Electrical

44	26 05 33 00-0778	0037	EA	For Work In Restricted Working Space, Add	\$8.77
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	Quantity		Unit Price		Factor	Total
Installation	5.00	x	1.46	x	1.2018 =	\$8.77

Contractors Note:

Category1: Electrical

45	26 05 33 00-2018		LF	3/4" Liquid Tight Flex Conduit	\$107.20
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	Quantity		Unit Price		Factor	Total
Installation	20.00	x	3.35	x	1.2018 =	\$80.52
Demolition	20.00	x	1.11	x	1.2018 =	\$26.68

Contractors Note: Remove and replace flex conduit

Category1: Electrical

46	26 05 33 00-2018	0058	LF	For Work In Restricted Working Space, Add	\$20.19
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	Quantity		Unit Price		Factor	Total
Installation	20.00	x	0.84	x	1.2018 =	\$20.19

Contractors Note:

Category1: Electrical

**Date:** June 24, 2019  
**Work Order #:** 068506.00  
**Title:** Village of Tinley Park - Village Hall Main Office Area HVAC

Rec#	CSI Number	Mod.	UOM	Description	Line Total
<b>26 - Electrical</b>					
47	26 27 26 00-0020	EA		20 A, Duplex Receptacle, 120/277 V	\$70.02

	Quantity	Unit Price	Factor	Total
Installation	2.00 x	21.49 x	1.2018 =	\$51.65
Demolition	2.00 x	7.64 x	1.2018 =	\$18.36

**Contractors Note:** Duplex receptacles

**Category1: Electrical**

48	26 28 16 00-0228	EA		100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	\$675.35
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Excludes Material

	Quantity	Unit Price	Factor	Total
Installation	1.00 x	374.64 x	1.2018 =	\$450.24
Demolition	1.00 x	187.31 x	1.2018 =	\$225.11

**Contractors Note:** Remove, salvage and reinstall existing disconnect / safety switch located above the humidifier.

**Category1:**

49	26 28 16 00-0229	EA		200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	\$1,758.56
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	Quantity	Unit Price	Factor	Total
Installation	1.00 x	1,159.93 x	1.2018 =	\$1,394.00
Demolition	1.00 x	303.34 x	1.2018 =	\$364.55

**Contractors Note:** Disconnect switch for condensing unit

**Category1: Electrical**

50	26 29 13 00-0010	EA		Manual Starter, Size 1, NEMA 1, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light	\$400.62
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	Quantity	Unit Price	Factor	Total
Installation	1.00 x	256.92 x	1.2018 =	\$308.77
Demolition	1.00 x	76.43 x	1.2018 =	\$91.85

**Contractors Note:** Replace humidifier starter.

**Category1:**

**Subtotal for 26 - Electrical: \$14,404.89**

**41 - Material Processing And Handling Equipment**

51	41 01 20 00-0003	HR		Hoist Or Crane Servicing, Labor Only	\$1,453.89
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	Quantity	Unit Price	Factor	Total
Installation	16.00 x	75.61 x	1.2018 =	\$1,453.89

**Contractors Note:** Certified signaler and rigger for crane lift.

**Subtotal for 41 - Material Processing And Handling Equip \$1,453.89**

**Proposal Total \$130,833.14**

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals

**The Percent of NPP on this Proposal: 32.18%**





## Memo

**Date:** July 2, 2019

**To:** David Niemeyer, Village Manager  
Pat Carr, Assistant Village Manager

**From:** Terry Lusby, Jr., Facilities & Fleet Superintendent

**Subject:** Approve Job Order Contract (JOC) With F.H. Paschen For Village Hall Council Chambers Condensing Unit & Air Handler

Presented for July 9th, 2019 Public Works Committee and Village Board Agenda discussion and possible action:

**Description:**

We are requesting authorization to replace the existing condensing unit and air handler at the Village Hall Council Chambers utilizing the Job Order Contracting (JOC) procurement method. F.H. Paschen is the awarded general contractor that will perform the work under an existing cooperative contract through the City of Naperville, this contract is for usage by other jurisdictions within Illinois pursuant to 30 ILCS 525 (Procurement #11-082). This contract can be utilized to quickly order repair or alteration construction services under an existing contract through the State of Illinois that satisfies the requirement for competitive bidding. Also, since JOC is administered by a general contractor (F.H. Paschen), adequate coverage is consistently maintained on bonding and insurance requirements. F.H. Paschen is also responsible for all aspects of contract administration, acceptance, and closeout.

**Background:**

The existing condensing unit and air handler are original to the 30 year old building and have experienced several failures in the past. The Units have reached their life expectancy and should be updated for overall energy efficiency.

**Budget/Finance:**

Funding is budgeted and available in the approved FY20 Capital Projects Budget.

Budget Available	\$156,000.00
Contract Amount	\$149,849.13
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Difference – UNDER BUDGET	\$6,150.87

**Recommendation:**

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1. Approve the JOC contract with Gordian/F.H. Paschen, S.N. Nielsen & Associates in the amount not to exceed \$130,833.14 for the Village Hall Council Chambers Condensing Unit & Air Handler Project.
2. Direct staff as necessary.

**Attachments:**

1. Gordian/F.H. Paschen, S.N. Nielsen & Associates proposal and detailed scope of work.



**Job Order Contract**  
**Detailed Scope of Work**

**Job Order Number:** 068500.00  
**Job Order Name:** Village of Tinley Park - Village Hall Council Chambers HVAC Unit  
**Contractor Name:** F. H. Paschen, S. N. Nielsen & Associates LLC  
**Location:** 590 - 16250 S. Oak Park Ave. Tinley Park, IL 60477  
16250 S. Oak Park Ave.  
Tinley Park, IL 60477

**Date:** June 24, 2019

**Detailed Scope of Work**

Preliminary

Final

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this Detailed Scope of Work:

**Brief Scope of Work:**

We would like to request pricing to replace the existing condensing unit and air handler (Village Hall Council Chambers) that is original to construction, approximately 30 years old. The blower section needs a new shaft/bearings and multiple failures in the past years have warranted for replacement. We would like for the new unit to be a Carrier/Trane/Or like in kind but overall a more efficient system.

**Detailed Scope of Work:**

Tinley Park Council Chambers HVAC

- Disconnect and remove existing air handling unit, condensing unit and dispose.
- Furnish and install one (1) Carrier 7.5 Ton R410A condensing unit with hot gas bypass.
- Furnish and install one (1) Carrier 7.5 Ton air handling unit with frequency drive, new hot water coil and DX evaporator coil.
- Furnish and install new hot water circulation pump.
- Furnish and install new thermal expansion valves and solenoid valves.
- Furnish and install all new refrigerant piping from the condensing unit to air handler with insulation.
- Upgrade TAC controls.
- Leak check system and evacuate to industry standards.
- Provide crane.
- Furnish and install all necessary electrical connections.
- Start & check operation.
- Includes a four (4) year manufacturer warranty.
- This proposal excludes permit fees or bonds.
- This proposal excludes any premium time or overtime. Work is assumed to be performed during normal working hours.
- This proposal excludes roofing.
- This proposal excludes any unforeseen conditions.

Detailed Scope of Work - 068500.00



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**Detailed Scope of Work (continued)**

**Job Order Number:** 068500.00

**Job Order Name:** Village of Tinley Park - Village Hall Council Chambers HVAC Unit

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- This proposal excludes work not described above.
- This proposal excludes the removal and disposal of any hazardous material.

**Job Order Contract**

**Proposal Review Summary - CSI**

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**Date:** June 24, 2019  
**Work Order #:** 068500.00  
**Title:** Village of Tinley Park - Village Hall Council Chambers HVAC Unit  
**Contractor:** 11-082 - F. H. Paschen, S. N. Nielsen & Associates LLC  
**Proposal Value:** \$149,849.13  
**Proposal Name:** Village of Tinley Park - Village Hall Council Chambers HVAC Unit Rev 02  
**Proposal Submitted:** 06/24/2019

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<b>01 - General Requirements:</b>	<b>\$8,559.30</b>
<b>02 - Site Work:</b>	<b>\$705.57</b>
<b>22 - Plumbing:</b>	<b>\$2,788.78</b>
<b>23 - Heating, Ventilating, And Air-Conditioning (HVAC):</b>	<b>\$120,385.47</b>
<b>26 - Electrical:</b>	<b>\$12,967.89</b>
<b>33 - Utilities:</b>	<b>\$2,988.23</b>
<b>41 - Material Processing And Handling Equipment:</b>	<b>\$1,453.89</b>
<b>Proposal Total</b>	<b>\$149,849.13</b>

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals

**The Percent of NPP on this Proposal: 14.71%**

**Job Order Contract**  
**Proposal Review Detail - CSI**

**Date:** June 24, 2019  
**Work Order #:** 068500.00  
**Title:** Village of Tinley Park - Village Hall Council Chambers HVAC Unit  
**Contractor:** 11-082 - F. H. Paschen, S. N. Nielsen & Associates LLC  
**Proposal Value:** \$149,849.13  
**Proposal Name:** Village of Tinley Park - Village Hall Council Chambers HVAC Unit Rev 02  
**Proposal Submitted:** 06/24/2019

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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**01 - General Requirements**

1	01 22 16 00-0002		EA	Reimbursable Fees Note: Reimbursable Fees will be paid to the contractor for the actual cost of all permits, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The labor cost involved in obtaining all permits is in the Adjustment Factor. The base cost of the Reimbursable Fee is \$1.00. The quantity used will adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, each one shall be listed separately with a comment in the "note" block to identify the Reimbursable Fees (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be included with the Proposal.	\$1,000.00
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	Quantity		Unit Price		Factor		Total
Installation	1,000.00	x	1.00	x	1.0000	=	\$1,000.00

**Contractors Note:** 5 year compressor warranty

2	01 22 23 00-0472		DAY	40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator	\$4,109.10
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	Quantity		Unit Price		Factor		Total
Installation	2.00	x	1,709.56	x	1.2018	=	\$4,109.10

**Contractors Note:** Crane to hoist and set new unit on roof.

3	01 22 23 00-0734		DAY	3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	\$2,222.87
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	Quantity		Unit Price		Factor		Total
Installation	2.00	x	924.81	x	1.2018	=	\$2,222.87

**Contractors Note:** Truck used to haul and dispose of existing equipment. Separate truck utilized to deliver new unit .

4	01 71 13 00-0007		EA	40 To 50 Ton Lift Move On/Off Cost, Truck Mounted Crane	\$1,227.33
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	Quantity		Unit Price		Factor		Total
Installation	2.00	x	510.62	x	1.2018	=	\$1,227.33

**Contractors Note:** Crane mobilization & demobilization

**Subtotal for 01 - General Requirements: \$8,559.30**

**02 - Site Work**

5	02 41 19 13-0212		IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	\$555.95
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	Quantity		Unit Price		Factor		Total
Installation	180.00	x	2.57	x	1.2018	=	\$555.95

**Contractors Note:** Drill into existing concrete to anchor new conduit supports and boxes

**Category1: Electrical**

6	02 41 19 13-0222		IN	1/2" Diameter Drilling In Brick Or Block Per Inch Of Depth	\$149.62
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	Quantity		Unit Price		Factor		Total
Installation	75.00	x	1.66	x	1.2018	=	\$149.62

**Contractors Note:** Drill into existing CMU to anchor new conduit supports and boxes

**Category1: Electrical**

**Subtotal for 02 - Site Work: \$705.57**

**22 - Plumbing**

Proposal Review Detail - CSI Continued..

Date: June 24, 2019  
 Work Order #: 068500.00  
 Title: Village of Tinley Park - Village Hall Council Chambers HVAC Unit

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
<b>22 - Plumbing</b>							
7	22 07 19 00-0018		LF	1-1/2" Diameter Pipe, 1" Thick Fiberglass Insulation	\$2,788.78		
				Quantity	Unit Price	Factor	Total
				Installation	210.00 x 8.59 x	1.2018 =	\$2,167.93
				Demolition	210.00 x 2.46 x	1.2018 =	\$620.85
<b>Contractors Note:</b> Replace piping insulation.							
<b>Subtotal for 22 - Plumbing:</b>					<b>\$2,788.78</b>		
<b>23 - Heating, Ventilating, And Air-Conditioning (HVAC)</b>							
8	23 01 20 00-0099		EA	Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work.	\$18.10		
				Quantity	Unit Price	Factor	Total
				Installation	1.00 x 15.06 x	1.2018 =	\$18.10
<b>Contractors Note:</b> shut down gas piping. Excludes labor.							
9	23 01 60 00-0002		LB	Recovery Of Refrigerant	\$9.31		
				Quantity	Unit Price	Factor	Total
				Installation	155.00 x 0.05 x	1.2018 =	\$9.31
<b>Contractors Note:</b> Recovery of refrigerant prior to demo. Excludes labor.							
10	23 05 93 00-0013		EA	Balancing Variable Volume Air Handling Unit	\$9.77		
				Quantity	Unit Price	Factor	Total
				Installation	1.00 x 8.13 x	1.2018 =	\$9.77
<b>Contractors Note:</b> Balancing of new roof top units. Excludes labor.							
11	23 07 13 00-0008		SF	1-1/2" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	\$4,817.54		
				Quantity	Unit Price	Factor	Total
				Installation	655.00 x 3.35 x	1.2018 =	\$2,637.05
				Demolition	655.00 x 2.77 x	1.2018 =	\$2,180.49
<b>Contractors Note:</b> Replace ductwork insulation							
12	23 07 13 00-0008	0172	SF	For Work In Restricted Working Space, Add	\$724.20		
				Quantity	Unit Price	Factor	Total
				Installation	655.00 x 0.92 x	1.2018 =	\$724.20
<b>Contractors Note:</b>							
13	23 09 23 00-0004		HR	EMCS Engineering Project Management	\$14,574.66		
				Quantity	Unit Price	Factor	Total
				Installation	64.00 x 189.49 x	1.2018 =	\$14,574.66
<b>Contractors Note:</b> Mechanical project management for the duration of the Council Chambers project.							
14	23 09 23 00-0006		HR	EMCS System Software Programming And Graphics Programming	\$29,226.07		
				Quantity	Unit Price	Factor	Total
				Installation	121.00 x 200.98 x	1.2018 =	\$29,226.07
<b>Contractors Note:</b> TAC controls for the council chambers scope of work.							
15	23 09 23 00-0009		HR	EMCS On-Site System Diagnostics Field Technician	\$33,020.72		
				Quantity	Unit Price	Factor	Total
				Installation	145.00 x 189.49 x	1.2018 =	\$33,020.72
<b>Contractors Note:</b> Line item is labor costs per Murphy & Miller's cost breakdown for all mechanical work required for the Council Chambers. Line item labor does not include demolition, insulator, electrical or crane labor hours.							
16	23 23 13 00-0016		EA	1 3/8" Refrigeration Valve, Packed	\$927.67		
				Quantity	Unit Price	Factor	Total
				Installation	5.00 x 133.31 x	1.2018 =	\$801.06
				Demolition	5.00 x 21.07 x	1.2018 =	\$126.61
<b>Contractors Note:</b> Refrigerant piping valves. Excludes labor.							

**Date:** June 24, 2019  
**Work Order #:** 068500.00  
**Title:** Village of Tinley Park - Village Hall Council Chambers HVAC Unit

Rec#	CSI Number	Mod.	UOM	Description	Line Total	
<b>23 - Heating, Ventilating, And Air-Conditioning (HVAC)</b>						
17	23 23 13 00-0027	EA		1 3/8" Check Valve, Refrigeration	\$1,022.64	
Excludes Labor			Quantity	Unit Price	Factor	Total
			6.00 x	131.74 x	1.2018 =	\$949.95
			6.00 x	10.08 x	1.2018 =	\$72.68
<b>Contractors Note:</b> Refrigerant piping check valve. Excludes labor.						
18	23 23 13 00-0039	EA		1 3/8" Solenoid Valve, Refrigeration	\$2,209.64	
Excludes Labor			Quantity	Unit Price	Factor	Total
			9.00 x	194.21 x	1.2018 =	\$2,100.61
			9.00 x	10.08 x	1.2018 =	\$109.03
<b>Contractors Note:</b> Furnish and install new solenoid valves. Excludes labor.						
19	23 23 16 00-0084	LF		1-3/8" Outside Diameter ACR Copper Tubing, Annealed	\$2,369.83	
Excludes Labor			Quantity	Unit Price	Factor	Total
			210.00 x	5.45 x	1.2018 =	\$1,375.46
			210.00 x	3.94 x	1.2018 =	\$994.37
<b>Contractors Note:</b> Remove and replace refrigerant piping. Excludes labor.						
20	23 23 16 00-0097	EA		1 3/8" Copper Tee Sweat Straight ACR	\$244.73	
Excludes Labor			Quantity	Unit Price	Factor	Total
			4.00 x	22.87 x	1.2018 =	\$109.94
			4.00 x	28.04 x	1.2018 =	\$134.79
<b>Contractors Note:</b> New tees for refrigerant piping. Excludes labor.						
21	23 23 16 00-0108	EA		1 3/8" Short Radius 90 Degree Elbow, ACR	\$728.11	
Excludes Labor			Quantity	Unit Price	Factor	Total
			15.00 x	20.68 x	1.2018 =	\$372.80
			15.00 x	19.71 x	1.2018 =	\$355.31
<b>Contractors Note:</b> Fittings for refrigerant piping. Excludes labor.						
22	23 23 16 00-0119	EA		1 3/8" Coupling Copper Sweat, ACR	\$808.21	
Excludes Labor			Quantity	Unit Price	Factor	Total
			25.00 x	7.19 x	1.2018 =	\$216.02
			25.00 x	19.71 x	1.2018 =	\$592.19
<b>Contractors Note:</b> Fittings for refrigerant piping. Excludes labor.						
23	23 23 23 00-0005	LB		Refrigerant R-410A	\$1,855.34	
			Quantity	Unit Price	Factor	Total
			155.00 x	9.96 x	1.2018 =	\$1,855.34
<b>Contractors Note:</b> Charge refrigerant system after install. Excludes labor.						
24	23 31 13 13-0004	LB		Sheet Metal Ductwork, Medium Pressure, Field Fabricated, Galvanized, Field Assemble And Install	\$2,073.11	
Excludes Labor			Quantity	Unit Price	Factor	Total
			500.00 x	1.04 x	1.2018 =	\$624.94
			500.00 x	2.41 x	1.2018 =	\$1,448.17
<b>Contractors Note:</b> Replace ductwork. Excludes labor.						
25	23 31 13 13-0004	0398	LB	For Quantities > 200 Lb. To 500 Lb. (> 91 kg to 227 kg), Add	\$1,093.64	
			Quantity	Unit Price	Factor	Total
			500.00 x	1.82 x	1.2018 =	\$1,093.64
<b>Contractors Note:</b>						

Date: June 24, 2019  
 Work Order #: 068500.00  
 Title: Village of Tinley Park - Village Hall Council Chambers HVAC Unit

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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**23 - Heating, Ventilating, And Air-Conditioning (HVAC)**

26	23 31 13 13-0004	0410	LB	For Work In Restricted Working Space, Add	\$1,400.10		
				Quantity	Unit Price	Factor	Total
			Installation	500.00	x 2.33	x 1.2018	= \$1,400.10

Contractors Note:

27	23 63 13 00-0003		EA	7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	\$701.11
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				Quantity	Unit Price	Factor	Total
			Installation	1.00	x 7.26	x 1.2018	= \$8.73
			Demolition	1.00	x 576.12	x 1.2018	= \$692.38

Contractors Note: Install one (1) 7.5 ton condensing unit. Excludes labor.

28	23 74 00 00-0002		LS	Carrier 7.5 Ton Air Handler DX Coil HW Coil	\$22,050.00
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NPP Task

				Quantity	Unit Price	Factor	Total
			Installation	1.00	x 21,000.00	x 1.0500	= \$22,050.00

Contractors Note: Material only to furnish 7.5 ton air handler condenser DX coil HW coil. Excludes labor.

29	23 74 13 00-0024		EA	7.5 Ton Cooling, 150 MBH Gas Heating Self Contained Package Rooftop Unit	\$387.40
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				Quantity	Unit Price	Factor	Total
			Installation	1.00	x 36.19	x 1.2018	= \$43.49
			Demolition	1.00	x 286.16	x 1.2018	= \$343.91

Contractors Note: Install one (1) 7.5 ton air handling unit. Excludes labor.

30	23 81 26 00-0064		LF	3/4" ID Condensate Drain Line	\$113.57
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				Quantity	Unit Price	Factor	Total
			Installation	75.00	x 1.16	x 1.2018	= \$104.56
			Demolition	75.00	x 0.10	x 1.2018	= \$9.01

Contractors Note: Remove and replace condensate drain lines. Excludes labor.

**Subtotal for 23 - Heating, Ventilating, And Air-Conditionir \$120,385.47**

**26 - Electrical**

31	26 01 20 00-0003		EA	Lock Out/Tag Out Breaker Or Motor Starter	\$171.92
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				Quantity	Unit Price	Factor	Total
			Installation	5.00	x 28.61	x 1.2018	= \$171.92

Contractors Note: Log out tag out circuits

Category1: Electrical

32	26 01 20 00-0005		EA	Existing Circuit Tracing Per Device	\$95.66
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				Quantity	Unit Price	Factor	Total
			Installation	5.00	x 15.92	x 1.2018	= \$95.66

Contractors Note: Trace circuits for lock out tag out

Category1: Electrical

33	26 05 13 00-0185		EA	250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	\$3,116.80
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				Quantity	Unit Price	Factor	Total
			Installation	8.00	x 217.18	x 1.2018	= \$2,088.06
			Demolition	8.00	x 107.00	x 1.2018	= \$1,028.74

Contractors Note: Terminate existing power cables and termination of power cables within unit.

Category1: Electrical

**Date:** June 24, 2019  
**Work Order #:** 068500.00  
**Title:** Village of Tinley Park - Village Hall Council Chambers HVAC Unit

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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**26 - Electrical**

34	26 05 29 00-0007		LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	\$664.55		
				Quantity	Unit Price	Factor	Total
				Installation 32.00 x	13.79 x	1.2018 =	\$530.33
				Demolition 32.00 x	3.49 x	1.2018 =	\$134.22

**Contractors Note:** Replace Unistrut pipe supports

**Category1: Electrical**

35	26 05 29 00-0154		EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	\$487.09		
				Quantity	Unit Price	Factor	Total
				Installation 30.00 x	13.51 x	1.2018 =	\$487.09

**Contractors Note:** Electrical conduit hangers

**Category1: Electrical**

36	26 05 29 00-0154	0123	EA	For Work In Restricted Working Space, Add	\$58.05		
				Quantity	Unit Price	Factor	Total
				Installation 30.00 x	1.61 x	1.2018 =	\$58.05

**Contractors Note:**

**Category1: Electrical**

37	26 05 33 00-0009		CLF	3/4" EMT With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	\$3,686.41		
				Quantity	Unit Price	Factor	Total
				Installation 3.00 x	718.17 x	1.2018 =	\$2,589.29
				Demolition 3.00 x	304.30 x	1.2018 =	\$1,097.12

**Contractors Note:** Furnish and install conduit and wire for air handling unit, condensing unit and water circulation.

**Category1: Electrical**

38	26 05 33 00-0174		EA	#1542D Junction Box	\$129.65		
				Quantity	Unit Price	Factor	Total
				Installation 6.00 x	17.98 x	1.2018 =	\$129.65

**Contractors Note:** Install new junction boxes

**Category1: Electrical**

39	26 05 33 00-0712		LF	3/4" EMT Conduit, Mounted Exposed On Flat Wall	\$1,081.62		
				Quantity	Unit Price	Factor	Total
				Installation 180.00 x	3.89 x	1.2018 =	\$841.50
				Demolition 180.00 x	1.11 x	1.2018 =	\$240.12

**Contractors Note:** Conduit for controls contractor.

**Category1: Electrical**

40	26 05 33 00-0712	0037	LF	For Work In Restricted Working Space, Add	\$227.14		
				Quantity	Unit Price	Factor	Total
				Installation 180.00 x	1.05 x	1.2018 =	\$227.14

**Contractors Note:**

**Category1: Electrical**

41	26 05 33 00-0745		EA	3/4" EMT Compression Coupling	\$49.99		
				Quantity	Unit Price	Factor	Total
				Installation 8.00 x	5.20 x	1.2018 =	\$49.99

**Contractors Note:** Conduit fittings

**Category1: Electrical**

Date: June 24, 2019  
 Work Order #: 068500.00  
 Title: Village of Tinley Park - Village Hall Council Chambers HVAC Unit

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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**26 - Electrical**

42	26 05 33 00-0778		EA	3/4" EMT Box Connector, Compression	\$58.36		
				Quantity	Unit Price	Factor	Total
				8.00 x	6.07 x	1.2018 =	\$58.36

Contractors Note: Conduit fittings

Category1: Electrical

43	26 05 33 00-2018		LF	3/4" Liquid Tight Flex Conduit	\$1,045.21		
				Quantity	Unit Price	Factor	Total
				195.00 x	3.35 x	1.2018 =	\$785.08
				195.00 x	1.11 x	1.2018 =	\$260.13

Contractors Note: Remove and replace flex conduit

Category1: Electrical

44	26 05 33 00-2018	0058	LF	For Work In Restricted Working Space, Add	\$196.85		
				Quantity	Unit Price	Factor	Total
				195.00 x	0.84 x	1.2018 =	\$196.85

Contractors Note:

Category1: Electrical

45	26 27 26 00-0020		EA	20 A, Duplex Receptacle, 120/277 V	\$140.03		
				Quantity	Unit Price	Factor	Total
				4.00 x	21.49 x	1.2018 =	\$103.31
				4.00 x	7.64 x	1.2018 =	\$36.73

Contractors Note: Duplex receptacles

Category1: Electrical

46	26 28 16 00-0229		EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase	\$1,758.56		
				Quantity	Unit Price	Factor	Total
				1.00 x	1,159.93 x	1.2018 =	\$1,394.00
				1.00 x	303.34 x	1.2018 =	\$364.55

Contractors Note: Disconnect switch for units

Category1: Electrical

**Subtotal for 26 - Electrical: \$12,967.89**

**33 - Utilities**

47	33 12 16 00-0008		EA	1-1/2" Angle Valve, Threaded	\$738.46		
				Quantity	Unit Price	Factor	Total
				6.00 x	73.11 x	1.2018 =	\$527.18
				6.00 x	29.30 x	1.2018 =	\$211.28

Excludes Labor

Contractors Note: Replace gas line valves. Excludes labor.

48	33 51 13 13-0054		LF	1-1/2" (3.6 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	\$2,249.77		
				Quantity	Unit Price	Factor	Total
				260.00 x	5.08 x	1.2018 =	\$1,587.34
				260.00 x	2.12 x	1.2018 =	\$662.43

Excludes Labor

Contractors Note: Replace gas piping as required. Excludes labor.

**Subtotal for 33 - Utilities: \$2,988.23**

**41 - Material Processing And Handling Equipment**



**Date:** June 24, 2019  
**Work Order #:** 068500.00  
**Title:** Village of Tinley Park - Village Hall Council Chambers HVAC Unit

Rec#	CSI Number	Mod.	UOM	Description	Line Total	
<b>41 - Material Processing And Handling Equipment</b>						
49	41 01 20 00-0003		HR	Hoist Or Crane Servicing, Labor Only	\$1,453.89	
			Quantity	Unit Price	Factor	Total
			Installation 16.00 x	75.61 x	1.2018 =	\$1,453.89
<b>Contractors Note:</b> Certified signaler and rigger for crane lift.						

**Subtotal for 41 - Material Processing And Handling Equip** **\$1,453.89**

**Proposal Total** **\$149,849.13**

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals

**The Percent of NPP on this Proposal:** **14.71%**



# Interoffice Memo

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**Date:** July 2, 2019

**To:** John Urbanski, Assistant Public Works Director

**From:** Joe Fitzpatrick, Water Superintendent

**Subject:** Water Main Construction

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Presented for July 9, 2019 Committee discussion and action

Description: Public Works has a water main replacement program in place to replace aging infrastructure within the water system. Public Works has looked at information over the years and determined three (3) locations are in need of replacement this year. The factors leading to the determination of replacement are number of breaks on the pipe, age of the pipe, and number of residents or businesses without water service during an emergency repair. The locations for water main improvements are 70<sup>th</sup> Avenue from 173<sup>rd</sup> Place to 174<sup>th</sup> Place, 174<sup>th</sup> Street from Harlem Avenue to Odell Avenue, and 76<sup>th</sup> Avenue from Nottingham Drive to 164<sup>th</sup> Place.

Background: The Village advertised bids using BHFX, an online bidding database, with bid opening on April 30<sup>th</sup>, 2019. A total of ten (10) contractors downloaded the bid packet, with four (4) contractors submitting bids for the project. This pool included a large number of contractors who bid Village projects on a regular basis. The legal notice was not published in the local newspaper for this project. With the omission of the public notice, we are requesting the competitive bidding process be waived for this project, based on the four (4) competitive bids submitted from the large number of contractors who were aware of the project.

<u>Contractor:</u>	<u>Location</u>	<u>Bid</u>
Austin Tyler Construction	Elwood, IL	\$726,212.64
Spiess Construction	Frankfort, IL	\$870,040.20
LGS Plumbing	Crown Point, IN	\$885,697.00
M & J Underground	Monee, IL	\$1,000,220.83
Engineer's Estimate		\$979,205.00

Budget/ Finance: Funding in the amount of \$1,000,000.00 is available in approved FY2020 Budget.

Staff Direction Request: Approve awarding a contract for water main improvements to Austin Tyler Construction for the base bid plus alternates A-D in the amount not to exceed \$726,212.64.

Attachments:

- 1) Bid Tab
- 2) Letter of Recommendation
- 3) List of Contractors from BHFx Bidding Database
- 4) Map of Project Locations

00 11 13

ADVERTISEMENT FOR BIDS

VILLAGE OF TINLEY PARK, ILLINOIS

1. Time and Place of Opening Bids. Sealed proposals for the construction of the 2019 Water Main Improvements for the Village of Tinley Park, Cook County, Illinois, will be received at the Village Hall at 16250 South Oak Park Avenue, Tinley Park, Illinois 60477 until 10:00 A.M., Tuesday, April 30, 2019, and at that time will be publicly opened and unit price total read aloud.

2. Description of Work. The proposed construction consists of approximately 2,380 lineal feet of 8" ductile iron water main, including gate valves, vaults, valve boxes, water services, fire hydrants, and other miscellaneous items of work.

3. Information for Bidders. All pertinent documents may be examined at the Village Hall at 16250 South Oak Park Avenue Tinley Park, Illinois 60477 or on the internet at [www.bhfxplanroom.com](http://www.bhfxplanroom.com).

Copies of the Bidding Documents may be obtained from BHFX Digital Imaging, [www.bhfxplanroom.com](http://www.bhfxplanroom.com), upon a non-refundable payment of \$50 per set. Documents can be purchased only through BHFX Digital Imaging.

Not less than the prevailing rate of wages as determined by the Department of Labor or determined by the court on review shall be paid to all laborers, workmen and mechanics performing work under this contract.

The Village of Tinley Park is exempt from the Illinois State, municipal or county Retailers Occupation Tax, Service Occupation Tax, Use Tax, and Service Use Tax as described in Illinois Compiled Statute Chapter 35. Bid prices shall not include the cost of such taxes.

All Bids must be accompanied by a Bidder's bond, certified check, bank cashier's check or bank draft payable to the Village of Tinley Park for ten percent (10%) of the total amount of the Bid as provided in the Bidder Instructions.

4. Rejection of Bids. The Board of Trustees reserves the right to reject any or all Bids and to waive technicalities. Unless the Bids are rejected for good cause, award of contract shall be made to the lowest responsible and responsive Bidder.

Dated at Tinley Park, Illinois this 15<sup>th</sup> day of April 2019.

Jacob C. Vandenberg, Mayor

Kristin A. Thirion, Clerk

END OF ADVERTISEMENT FOR BIDS

ADVERTISEMENT FOR BIDS  
00 11 13-1 (180656.40)

## Village of Tinley Park - 2019 Water Main Improvements

The proposed construction consists of approximately 2,380 lineal feet of 8" ductile iron water main, including gate valves, vaults, valve boxes, water services, fire hydrants, and other miscellaneous items of work

### Plan Holders

Date	Company	Contact	Bid Categories
4/23/19 8:47 am	<b>Airy's Inc.</b> 7455 W. Duvan Drive Tinley Park, IL 60477	<b>James Welling</b> Tel: 708-429-0660 Fax: 708-429-0795	Site Utilities
4/17/19 4:45 pm	<b>Archon Construction Company</b> 553 Route 53 Addison, IL 60101	<b>Dominic Fiordiroso</b> <b>Civil Construction Manager</b> Tel: 630-495-0015 Fax: 630-620-1295	General Contractor
4/17/19 6:01 am	<b>Austin Tyler Construction Inc.</b> 23343 S. Ridge Road Elwood, IL 60421	<b>Tom Pelsi</b> Tel: 815-726-1090 Fax: 815-726-1171	General Contractor
4/16/19 4:59 pm	<b>Baxter &amp; Woodman Inc.</b> 8678 Ridgfield Road Crystal Lake, IL 60012	<b>Lauren Schuld</b> Tel: 815-444-3306 Fax: 708-478-8710	
4/16/19 4:58 pm	<b>Baxter &amp; Woodman Inc.</b> 8678 Ridgfield Road Crystal Lake, IL 60012	<b>Barb Tobin</b> Tel: 815-444-3329 Fax: 708-478-8710	
4/16/19 4:59 pm	<b>Baxter &amp; Woodman Inc. - Mokena</b> 8840 W. 192nd Street Mokena, IL 60448	<b>Mike Kenny</b> Tel: 815-444-3371 Fax: 708-478-8710	
4/23/19 11:02 am	<b>Brandt Excavating</b> 385 E. Hoover Street Morris, IL 60450	<b>Lisa Benson</b> <b>Secretary</b> Tel: 815-942-4488 Fax: 815-942-4429	General Contractor
4/24/19 11:30 am	<b>ConstructConnect - Ohio</b> 3825 Edwards Road Suite 800 Cincinnati, OH 45209	<b>Rachael Willis</b> Tel: 800-364-2059 x. 8197 Fax: 866-570-8187	

Date	Company	Contact	Bid Categories
4/22/19 4:17 pm	<b>D. Construction Inc.</b> 1488 S. Broadway Coal City, IL 60416	<b>Gina Lang</b> <b>Receptionist</b> Tel: 815-634-2555 Fax: 815-634-8748	General Contractor
4/22/19 10:45 am	<b>LGS Plumbing Inc.</b> 1112 E. Summit Street Crown Point, IN 46307	<b>Daniel Smith</b> <b>Owner/President</b> Tel: 219-663-2177 Fax: 219-662-2788	Site Utilities
4/24/19 6:19 am	<b>LUC Group LLC</b> 106 W Calendar Court #221 LaGrange, IL 60525	<b>Tommy Hartford</b> Tel: 312-296-3290	Site Utilities
4/19/19 10:15 am	<b>M&amp;J Underground</b> 26603 South Governors Highway Monee, IL 60449	<b>Barry Halford</b> Tel: 708-534-6434	General Contractor
4/18/19 7:53 am	<b>PT Ferro Construction Company</b> 700 S. Rowell Avenue Joliet, IL 60434	<b>Dave Berkley</b> Tel: 815-726-6284 Fax: 815-726-5614	General Contractor
4/17/19 10:30 am	<b>Steve Spiess Construction Inc.</b> 10284 Vans Drive Frankfort, IL 60423	<b>Brian Vander Molen</b> <b>Chief Estimator</b> Tel: 815-469-2333 Fax: 815-469-2449	General Contractor
4/17/19 9:04 am	<b>Village of Tinley Park</b> 16250 S. Oak Park Avenue Tinley Park, IL 60477	<b>John Urbanski</b> Tel: 708-444-5500 Fax: 708-444-5599	
4/17/19 9:04 am	<b>Village of Tinley Park</b> 16250 S. Oak Park Avenue Tinley Park, IL 60477	<b>Colby Zemaitis</b> Tel: 708-444-5500 Fax: 708-444-5599	

June 20, 2019

Mayor and Board of Trustees  
Village of Tinley Park  
16250 S. Oak Park Avenue  
Tinley Park, Illinois 60477  
Attention: Mr. Colby Zemaitis, Village Engineer

***Subject: Village of Tinley Park - 2019 Water Main Improvements***

Dear Mayor and Trustees:

The following bids were received for the Project on April 30, 2019:

<b><u>Bidders</u></b>		<b><u>Amount of Bid</u></b>
Austin Tyler Construction, Inc.	Base Bid	\$669,854.64
Elwood, IL	Alt. A	\$14,940.00
	Alt. B	\$5,780.00
	Alt. C	\$28,815.00
	Alt. D	\$246,871.00
Steve Spiess Construction, Inc.	Base Bid	\$775,990.20
Frankfort, IL	Alt. A	\$19,920.00
	Alt. B	\$12,920.00
	Alt. C	\$38,420.00
	Alt. D	\$292,359.00
LGS Plumbing, Inc.	Base Bid	\$819,466.00
Crown Point, IN	Alt. A	\$17,430.00
	Alt. B	\$11,220.00
	Alt. C	\$30,736.00
	Alt. D	\$281,418.00
M&J Underground	Base Bid	\$922,772.00
Monee, IL	Alt. A	\$17,529.00
	Alt. B	\$11,220.00
	Alt. C	\$27,470.30
	Alt. D	\$276,213.93



Our pre-bid opinion of probable cost for the Project (base bid) was \$860,320.00. Our pre-bid opinion of probable cost for the Project Alternates were: \$39,840 for Alternate A, \$13,600.00 for Alternate B, \$76,840.00 for Alternate C, and \$247,065 for Alternate D. If Alternate D is selected, Alternate D will replace the Pay Item 1.5 - Water Main (Open Cut) and is not additional to it.

We have analyzed each of the bids and find Austin Tyler Construction, Inc. to be the lowest responsible and responsive Bidder. Based on our prior experience with this bidder, we believe that Austin Tyler Construction, Inc. is qualified to complete the project.

We recommend award of the contract to Austin Tyler Construction, Inc. in the amount of \$669,854.64 for the base bid. If all alternates are selected the contract amount will be \$726,212.64. The original Bid Documents and a copy of our Bid Tabulation are enclosed for your records.

Please advise us of your decision.

Sincerely,

BAXTER & WOODMAN, INC.  
CONSULTING ENGINEERS



Lauren Schuld  
Infrastructure Project Manager

C: Sean E. O' Dell, P.E., Baxter & Woodman, Inc.

I:\Crystal Lake\TINPK\180656-2019 WM Improvements\40-Design\12-Bidding\Letter of Recommendation

Village of Tinley Park, Illinois  
 2019 Water Main Improvements  
 Bid Date/Time: April 30, 2019 @ 10:00 AM  
 Engineer's Job No.: 180656.40

No. Item	Unit	QTY	Engineer's Estimate		Austin Tyler Construction, Inc.		Steve Spless Construction, Inc.		LGS Plumbing, Inc.		M & J Underground	
			Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1.2 Reconstruction Video Recording	Lump Sum	1	\$ 1,000.00	\$ 1,000.00								
1.3 Removal and Replacing of Unsuitable Material	Cu. Yd.	54	\$ 150.00	\$ 8,100.00	\$ 0.54	\$ 625.00	\$ 4,450.00	\$ 4,450.00	\$ 60.00	\$ 3,240.00	\$ 85.00	\$ 4,590.00
1.4 Replacement of Existing Storm Sewer (Water Main)	Lin. Ft.	21	\$ 125.00	\$ 2,625.00	\$ 79.00	\$ 1,659.00	\$ 90.00	\$ 1,890.00	\$ 140.00	\$ 2,940.00	\$ 90.00	\$ 1,890.00
8"	Lin. Ft.	133	\$ 135.00	\$ 17,955.00	\$ 77.00	\$ 10,241.00	\$ 100.00	\$ 13,300.00	\$ 122.00	\$ 16,266.00	\$ 95.00	\$ 12,635.00
10"	Lin. Ft.	48	\$ 150.00	\$ 7,200.00	\$ 90.00	\$ 4,320.00	\$ 110.00	\$ 5,280.00	\$ 134.00	\$ 6,432.00	\$ 106.00	\$ 5,088.00
12"	Lin. Ft.	21	\$ 180.00	\$ 3,780.00	\$ 200.00	\$ 4,200.00	\$ 300.00	\$ 6,300.00	\$ 338.00	\$ 7,098.00	\$ 184.00	\$ 3,864.00
1.5 Water Main (Open Cut)	Lin. Ft.	1482	\$ 110.00	\$ 163,020.00	\$ 94.00	\$ 139,308.00	\$ 107.00	\$ 158,574.00	\$ 112.00	\$ 165,984.00	\$ 110.00	\$ 163,020.00
8" RJT	Lin. Ft.	775	\$ 120.00	\$ 93,000.00	\$ 124.00	\$ 96,100.00	\$ 137.00	\$ 106,175.00	\$ 139.00	\$ 107,725.00	\$ 115.00	\$ 89,125.00
10" RJT	Lin. Ft.	4	\$ 160.00	\$ 640.00	\$ 440.00	\$ 1,760.00	\$ 395.00	\$ 1,580.00	\$ 126.00	\$ 504.00	\$ 288.00	\$ 1,152.00
6" RJT	Lin. Ft.	18	\$ 100.00	\$ 1,800.00	\$ 160.00	\$ 2,880.00	\$ 180.00	\$ 3,240.00	\$ 20.00	\$ 360.00	\$ 86.00	\$ 1,548.00
1.6 Additional Water Main Fittings	Pounds	2120	\$ 5.00	\$ 10,600.00	\$ 0.01	\$ 21.20	\$ 0.01	\$ 21.20	\$ 9.00	\$ 19,080.00	\$ 17.00	\$ 36,040.00
1.7 Water Main (In Casing-Open Cut)	Lin. Ft.	21	\$ 100.00	\$ 2,100.00	\$ 64.00	\$ 1,344.00	\$ 275.00	\$ 5,775.00	\$ 712.00	\$ 14,952.00	\$ 95.00	\$ 1,995.00
1.8 Water Service Replacement	Each	17	\$ 3,000.00	\$ 51,000.00	\$ 2,300.00	\$ 39,100.00	\$ 1,670.00	\$ 28,390.00	\$ 2,456.00	\$ 41,752.00	\$ 3,000.00	\$ 51,000.00
1-inch Short Side	Each	13	\$ 4,000.00	\$ 52,000.00	\$ 2,800.00	\$ 36,400.00	\$ 3,000.00	\$ 39,000.00	\$ 2,456.00	\$ 31,928.00	\$ 5,400.00	\$ 70,200.00
1-inch Long Side	Each	1	\$ 10,000.00	\$ 10,000.00	\$ 6,200.00	\$ 6,200.00	\$ 7,640.00	\$ 7,640.00	\$ 5,380.00	\$ 5,380.00	\$ 6,500.00	\$ 6,500.00
1.9 Connect to Water Main (Pressure) 8"	Each	7	\$ 5,000.00	\$ 35,000.00	\$ 3,500.00	\$ 24,500.00	\$ 3,950.00	\$ 27,650.00	\$ 3,150.00	\$ 22,050.00	\$ 7,500.00	\$ 52,500.00
1.10 Connect to Water Main (Non-Pressure)	Each	3	\$ 6,000.00	\$ 18,000.00	\$ 3,700.00	\$ 11,100.00	\$ 4,090.00	\$ 12,270.00	\$ 3,150.00	\$ 9,450.00	\$ 8,000.00	\$ 24,000.00
8"	Each	1	\$ 7,000.00	\$ 7,000.00	\$ 4,200.00	\$ 4,200.00	\$ 5,170.00	\$ 5,170.00	\$ 3,150.00	\$ 3,150.00	\$ 9,500.00	\$ 9,500.00
1.11 Gate Valve 8"	Each	10	\$ 4,000.00	\$ 40,000.00	\$ 1,800.00	\$ 18,000.00	\$ 1,500.00	\$ 15,000.00	\$ 1,500.00	\$ 15,000.00	\$ 3,000.00	\$ 30,000.00
1.12 Valve Box	Each	2	\$ 500.00	\$ 1,000.00	\$ 200.00	\$ 400.00	\$ 570.00	\$ 1,140.00	\$ 200.00	\$ 400.00	\$ 275.00	\$ 550.00
1.13 Valve Vault - 5' Diameter	Each	11	\$ 3,500.00	\$ 38,500.00	\$ 2,500.00	\$ 27,500.00	\$ 2,800.00	\$ 30,800.00	\$ 4,000.00	\$ 44,000.00	\$ 2,750.00	\$ 30,250.00
1.14 Fire Hydrant	Each	4	\$ 500.00	\$ 2,000.00	\$ 415.00	\$ 1,660.00	\$ 574.00	\$ 2,296.00	\$ 4,500.00	\$ 18,000.00	\$ 2,900.00	\$ 11,600.00
1.15 Sanitary Service Line Repair	Each	8	\$ 500.00	\$ 4,000.00	\$ 200.00	\$ 1,600.00	\$ 900.00	\$ 7,200.00	\$ 1,000.00	\$ 8,000.00	\$ 2,900.00	\$ 23,200.00
1.16 Abandonment of Existing Water Mains and	Lump Sum	1	\$ 25,000.00	\$ 25,000.00	\$ 28,000.00	\$ 28,000.00	\$ 26,000.00	\$ 26,000.00	\$ 33,000.00	\$ 33,000.00	\$ 35,000.00	\$ 35,000.00
1.17 Erosion and Sedimentation Control Inlet Protection	Each	9	\$ 250.00	\$ 2,250.00	\$ 95.00	\$ 855.00	\$ 170.00	\$ 1,530.00	\$ 150.00	\$ 1,350.00	\$ 385.00	\$ 3,465.00
1.18 Pavement Markings	Lin. Ft.	60	\$ 50.00	\$ 3,000.00	\$ 5.00	\$ 300.00	\$ 63.00	\$ 3,780.00	\$ 55.00	\$ 3,300.00	\$ 62.00	\$ 3,720.00
1.19 Pavement Restoration	Sq. Yd.	2115	\$ 50.00	\$ 105,750.00	\$ 60.00	\$ 126,900.00	\$ 67.00	\$ 141,705.00	\$ 47.00	\$ 99,405.00	\$ 50.00	\$ 105,750.00
Asphalt	Sq. Yd.	90	\$ 55.00	\$ 4,950.00	\$ 44.00	\$ 3,960.00	\$ 42.00	\$ 3,780.00	\$ 67.00	\$ 6,030.00	\$ 110.00	\$ 9,900.00
Concrete	Sq. Yd.	35	\$ 160.00	\$ 5,600.00	\$ 98.00	\$ 3,430.00	\$ 171.00	\$ 5,985.00	\$ 180.00	\$ 6,300.00	\$ 50.00	\$ 1,750.00
Sidewalk	Sq. Yd.	300	\$ 70.00	\$ 21,000.00	\$ 10.00	\$ 3,000.00	\$ 13.00	\$ 3,900.00	\$ 17.00	\$ 5,100.00	\$ 11.00	\$ 3,300.00
Detectable Warnings	Sq. Yd.	20	\$ 60.00	\$ 1,200.00	\$ 20.00	\$ 400.00	\$ 29.00	\$ 580.00	\$ 33.00	\$ 660.00	\$ 33.00	\$ 660.00
Gravel Shoulder	Sq. Yd.	80	\$ 40.00	\$ 3,200.00	\$ 11.00	\$ 880.00	\$ 40.00	\$ 3,200.00	\$ 10.00	\$ 800.00	\$ 35.00	\$ 2,800.00
1.20 Restoration of Lawns and Pathways	Sq. Yd.	410	\$ 30.00	\$ 12,300.00	\$ 17.00	\$ 6,970.00	\$ 34.00	\$ 13,940.00	\$ 108.00	\$ 44,280.00	\$ 25.00	\$ 10,250.00
1.21 Traffic Control and Protection	Lump Sum	1	\$ 30,000.00	\$ 30,000.00	\$ 12,900.00	\$ 12,900.00	\$ 12,300.00	\$ 12,300.00	\$ 4,000.00	\$ 4,000.00	\$ 20,000.00	\$ 20,000.00
1.22 Insertion Valve	Each	1	\$ 6,500.00	\$ 6,500.00	\$ 8,000.00	\$ 8,000.00	\$ 7,500.00	\$ 7,500.00	\$ 12,000.00	\$ 12,000.00	\$ 12,500.00	\$ 12,500.00
8"	Each	1	\$ 8,500.00	\$ 8,500.00	\$ 6,000.00	\$ 6,000.00	\$ 7,900.00	\$ 7,900.00	\$ 13,600.00	\$ 13,600.00	\$ 13,300.00	\$ 13,300.00
1.23 Soil Tests for Contaminants	Each	9	\$ 1,750.00	\$ 15,750.00	\$ 200.00	\$ 1,800.00	\$ 945.00	\$ 8,505.00	\$ 2,500.00	\$ 22,500.00	\$ 2,750.00	\$ 24,750.00
1.24 Contaminated Waste Disposal	Ton	90	\$ 100.00	\$ 9,000.00	\$ 0.01	\$ 0.90	\$ 70.00	\$ 6,300.00	\$ 51.00	\$ 4,590.00	\$ 66.00	\$ 5,940.00
			Engineer's Estimate of Cost (Base Bid)		\$ 869,864.64		\$ 775,990.20		\$ 819,466.00		\$ 922,772.00	
			Bidder's Proposal (Base Bid) as read									
			Bidder's Proposal (Base Bid) as corrected									

Alternates												
No. Item	Unit	QTY	Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1.25 Hot-Mix Asphalt Surface Removal and Resurfacing - Alternate A-C	Sq. Yd.	986	\$ 40	\$ 39,440.00	\$ 15.00	\$ 14,940.00	\$ 20.00	\$ 19,820.00	\$ 17.50	\$ 17,430.00	\$ 17.60	\$ 17,529.60
Alternate A - 70th Avenue	Sq. Yd.	340	\$ 40	\$ 13,600.00	\$ 17.00	\$ 5,780.00	\$ 38.00	\$ 12,920.00	\$ 33.00	\$ 11,220.00	\$ 33.00	\$ 11,220.00
Alternate B - 78th Avenue	Sq. Yd.	1921	\$ 40	\$ 76,840.00	\$ 15.00	\$ 28,815.00	\$ 20.00	\$ 38,420.00	\$ 16.00	\$ 30,736.00	\$ 14.30	\$ 27,470.30
1.26 Water Main (Open Cut) Alternate D	Lin. Ft.	1482	\$ 105	\$ 155,610.00	\$ 97.50	\$ 144,495.00	\$ 117.00	\$ 173,394.00	\$ 115.00	\$ 170,430.00	\$ 120.00	\$ 177,840.00
8" RJT	Lin. Ft.	775	\$ 115	\$ 89,125.00	\$ 126.00	\$ 97,650.00	\$ 147.00	\$ 113,925.00	\$ 142.00	\$ 110,950.00	\$ 123.03	\$ 95,348.25
10" RJT	Lin. Ft.	4	\$ 155	\$ 620.00	\$ 439.00	\$ 1,756.00	\$ 405.00	\$ 1,620.00	\$ 131.00	\$ 524.00	\$ 309.75	\$ 1,239.00
6" RJT	Lin. Ft.	18	\$ 95	\$ 1,710.00	\$ 165.00	\$ 2,970.00	\$ 190.00	\$ 3,420.00	\$ 23.00	\$ 414.00	\$ 99.26	\$ 1,786.68

# VILLAGE OF TINLEY PARK, ILLINOIS

## 2019 WATER MAIN IMPROVEMENTS



EXISTING UTILITIES. THESE DRAWINGS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITIES. THE INFORMATION IS BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE LOCATION OF EACH UTILITY, THE INFORMATION IS INCLUDED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES.



PROJECT MANAGER \_\_\_\_\_ PROJECT ENGINEER \_\_\_\_\_

BAXTER & WOODMAN, INC.  
 1800 W. 117TH STREET, SUITE 100  
 CHICAGO, IL 60648  
 LICENSE NO. 18-001111 - EXP. 03/31/2021

PROJECT NO. 19055 DATE 04/18

**BAXTER & WOODMAN**  
 Consulting Engineers  
 www.baxterwoodman.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 Austin Tyler Construction (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 **Seven Hundred Twenty Six Thousand Two Hundred Twelve and 64/100 Dollars (\$726,212.64)**. 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.

Austin Tyler Construction \_\_\_\_\_  
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.

Austin Tyler Construction \_\_\_\_\_  
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.

Austin Tyler Construction \_\_\_\_\_  
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.

Austin Tyler Construction  
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)

Austin Tyler Construction  
Name of Contractor (please print)

\_\_\_\_\_  
Submitted by (signature)

\_\_\_\_\_  
Title

**Austin Tyler Construction**

BY: \_\_\_\_\_

\_\_\_\_\_ Date

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

**VILLAGE OF TINLEY PARK**

BY: \_\_\_\_\_

\_\_\_\_\_ Date

Mayor

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

ATTEST:

\_\_\_\_\_

\_\_\_\_\_ Date

Village Clerk

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

**VILLAGE OF TINLEY PARK**

BY: \_\_\_\_\_

\_\_\_\_\_ Date

Village Manager

## **Exhibit A**

### **SCOPE OF SERVICES**

A. Provide water distribution system as shown on the Drawings, as specified herein, and as needed for a complete and proper installation, and in accordance with the latest edition of the “Standard Specifications for Water and Sewer Main Construction in Illinois”, except as revised herein.

B. Provide labor, materials, tools, chemicals and equipment necessary to perform the pressure and leakage tests and disinfection.

C. Related work:

1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Division 01 - General Requirements of these Specifications.

**Exhibit B**

**INSURANCE REQUIREMENTS**

(See Risk Manager for Insurance Requirements)

**PUBLIC  
COMMENT**

**ADJOURNMENT**