

NOTICE OF SPECIAL STANDING COMMITTEES

Scheduled for
Tuesday, October 8, 2019,
beginning at 7:30 p.m. in

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

Administration & Legal Committee
Public Works Committee
Public Safety Committee

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

Kristin A. Thirion
Clerk
Village of Tinley Park

NOTICE OF A SPECIAL 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 7:30 p.m. on Tuesday, October 8, 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 SEPTEMBER 10, 2019.
3. DISCUSS 2019-2020 SALT PURCHASE CONTRACT.
4. DISCUSS SURPLUS EQUIPMENT.
5. DISCUSS CONTRACT AWARD FOR 80TH AVENUE TRAIN STATION REPAIRS.
6. RECEIVE COMMENTS FROM THE PUBLIC.

ADJOURNMENT

KRISTIN A. THIRION
VILLAGE CLERK

MINUTES
Meeting of the Public Works Committee
September 10, 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
P. Carr, Assistant Village Manager
B. Bettenhausen, Village Treasurer
M. Walsh, Police Chief
F. Reeder, Fire Chief
S. Klotz, Deputy Fire Chief/Suppression
T. Condon, Village Attorney - Arrived at 7:44 p.m.
K. Workowski, Public Works Director
J. Urbanski, Assistant Public Works Director
C. Zemaitis, Village Engineer
L. Valley, Executive Assistant to the Manager and Trustees
L. Godette, Deputy Village Clerk
L. Carollo, Commission/Committee Secretary

Item #1 - The meeting of the Public Works Committee was called to order at 7:26 p.m.

Item #2 – CONSIDER APPROVAL OF THE MINUTES OF THE PUBLIC WORKS COMMITTEE MEETING HELD ON AUGUST 13, 2019 – Motion was made by Trustee Brady, seconded by Trustee Brennan, to approve the minutes of the Public Works Committee meeting held on August 13, 2019. Vote by voice call. Chairman Glotz declared the motion carried.

Item #3 – DISCUSS RECREATIONAL TRAILS PROJECT - MULTI-USE PATH RESURFACING - 179th STREET AND 163rd STREET - A total of six (6) bids were received and publicly read on September 5, 2019 at 10:01 a.m. Bids ranged from \$164,858.25 to \$343,586.00. Specifications required bidding contractors be prequalified for roadway and supply a copy of their current IDOT prequalification. Five out of the six contractors provided this information. Staff recommended the Village award the contract to the low responsive, responsible bidder, McGill Construction, LLC, in the amount of \$164,858.25.

C. Zemaitis, Village Engineer, asked the Committee if there were any questions. McGill Construction has not worked for the Village before, however, the company provided specifications and reference checks were obtained. K. Workowski, Public Works Director stated the Village received a 100% grant for the project.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend contract approval to the low responsive, responsible bidder, McGill Construction, LLC, in the amount of \$164,858.25, be forwarded brought to the Village Board. Vote by voice. Chairman Glotz declared the motion carried.

Item #4 – DISCUSS FLEET VEHICLE PURCHASE LIST - The Committee received a list of vehicles recommended for replacement from the Public Works, Police, Fire and EMA Departments, as well as the Village Manager. Each vehicle recommended for replacement is individually scored by a point system, 0-17 scoring in excellent condition to 28+ points in poor condition. All listed vehicles scored 23 or higher, indicating the vehicle qualifies for replacement. Chairman Glotz referred to the Vehicle Replacement Scorecard and suggested preventative maintenance be listed separately from out-of-warranty expenses. Chairman Glotz also suggested changing the vehicle point system for clarity. J. Urbanski, Assistant Public Works Director explained how certain vehicles may be repurposed to other departments throughout the life of vehicles.

Staff requested purchase approval for heavy equipment vehicles, pickup trucks and SUVs previously approved in the FY-2020 Budget, totaling \$754,782. All vehicles will be purchased through the Village's standing cooperative purchasing agreements; Suburban Purchase Cooperative, Southwest Conference, Northwest Conference, National Joint Powers Alliance, General Services Administration, Houston-Galveston Council and Illinois Procurement Bulletin. Funding is budgeted and available in the approved FY-2020 Budget, Capital Fund in the amount of \$763,459.

Motion was made by Chairman Glotz, seconded by Trustee Brady, to recommend Fleet Vehicle Purchase List be forwarded to the Village Board meeting scheduled for September 17, 2019. Vote by voice. Chairman Glotz declared the motion carried.

Item #5 – DISCUSS FIRE ADMINISTRATION VEHICLES - Chairman Glotz stated the Village is utilizing three different manufacturers and in an effort to aid in fleet management and consolidate manufacturers, the Fire Department provided the Committee justification for the use of the Chevy Tahoe along with pictures of necessary equipment placed within these vehicles.

The Fire Department has used the Chevy Tahoe as the choice command vehicle since 2000. The vehicles are equipped with strategic command level tools to assist the Incident Commander on the scene of emergency incidents. They must also carry a wide arrangement of PPE and radio equipment. The Incident Commander will bring extra help into the SUV during an emergency incident to coordinate strategic plans. Additionally, these vehicles are designated as the primary incident command post during unified command operations, which utilizes additional space inside the vehicles. After careful review of the space needs, it was determined the Chevy Tahoe was the best model based on internal space capacity and cubic footage needed for job performance.

Every year the state purchase for Chevy is bid out. Chairman Glotz recommended contacting local vendors to match or lower state bid. Mr. Urbanski stated quotes of 7% or higher than the state bid from local vendors were given when contacted. S. Klotz, Deputy Fire Chief/Suppression stated over the years the Village has tried to purchase locally, however, prices have been consistently higher than state purchase bid.

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

Item #6 – DISCUSS COOK COUNTY - FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) MAP AND FEDERAL INFORMATION SYSTEMS (FIS) ADOPTION - The Village is a part of the National Flood Insurance Program (NFIP), which is a voluntary program between the federal government and the Village. Due to the Village's adoption and enforcement of the Floodplain

Management Ordinance, federally-backed flood insurance is made available to property owners throughout the community.

FEMA recently updated floodplain maps, which are used for regulatory and flood insurance purposes, as well as identifying sensitive riparian corridors.

The Committee received a copy of the proposed Floodplain Ordinance, which has been revised in accordance with the NFIP guidelines for review.

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 FEMA Map and FIS Adoption be brought forward to the Village Board meeting scheduled for September 17, 2019. Vote by voice. Chairman Glotz declared the motion carried.

Item #7 – DISCUSS OAK PARK AVENUE TRAIN STATION WARMING SHELTER - Plans to construct a warming shelter and storage facility at the Oak Park Avenue Train Station were discussed at the Public Works Committee meeting held on March 12, 2019. Staff requested the Village enter into an Intergovernmental Agreement (IGA) with Metra for construction of the warming shelter and storage facility.

Since approval to proceed with the Metra IGA has been finalized, staff requested the Committee to approve a procurement method. Two methods have been recommended, as described below, to begin the process for construction of the warming and storage facility.

- Hire FGM Architects at a cost of:

Previous estimate	\$202,000
Contingency (15%)	\$30,000
A/E Fees	\$30,400
Soil Borings/Survey	\$6,000
Metra Flagger Costs	\$2,000
Total Estimated Project	\$270,400

- Utilize concept drawings and Job Order Contract (JOC) method at a proposal cost of \$265,000.

Staff explained the pros and cons of each procurement method to the Committee. D. Niemeyer recommended the JOC procurement method for the project.

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 the Job Order Contract method of procurement for Oak Park Avenue Train Station Warming Shelter be forwarded to the Village Board meeting scheduled for September 17, 2019. Vote by voice. Chairman Glotz declared the motion carried.

Item #8 – DISCUSS 80th AVENUE & 191st STREET INTERSECTION - DESIGN STATUS - C. King of Robinson Engineering provided an update since the previous Public Works Committee meeting held on August 13, 2019. Mr. King stated the Will County Highway Department has decided to move the project forward, has secured a combination of funding partners for construction and is targeting a November 2020 project bid letting, which places urgency on the Village's portion of design engineering at the intersection of 80th Avenue and 191st Street. The Village's portion would be added to the counties

and be part of one larger construction contract, for which the Village could expect some economy of scale and savings. Federal funding for the intersection would be rolled forward into the County project and the Village could leverage its share to help pay for portions of the enhancements eligible for federal funding, such as the bike path.

Recommendation is to modify the federal funding request and move allocated intersection funding towards construction and for the Village to move forward on locally funding design work. It is important to note there would be no loss in funding, rather it would shift to the construction phase and be used to offset the Village's required share of construction. Using this approach, during construction on the bike path alone, the Village may accrue savings of almost \$750,000. The Village Treasurer indicated funding would be feasible.

Motion was made by Chairman Glotz, seconded by Trustee Brennan, to recommend funding changes and locally fund intersection engineering be forwarded to the Village Board meeting scheduled for September 17, 2019. Vote by voice. Chairman Glotz declared the motion carried.

Item #9 – RECEIVE COMMENTS FROM THE PUBLIC - Mike Stuckly asked if the Oak Park Avenue Train Station warming shelter will go over budget. Mr. Urbanski stated it is uncertain at this time as most of the unforeseen issues are underground. Mr. Stuckly also had a concern the warming shelter may not accommodate everyone taking the train and suggested the Village construct another facility for storage elsewhere.

ADJOURNMENT

Motion was made by Chairman Glotz, seconded by Trustee Brady, to adjourn this meeting of the Public Works Committee. Vote by voice call. Chairman Glotz declared the motion carried and adjourned the meeting at 8:04 p.m.

lc



Interoffice Memo

Date: September 30, 2019

To: Kevin Workowski, Public Works Director

From: Kelly Mulqueeny, Street Superintendent

Subject: 2019-2020 Salt Purchase

Presented for October 8th 2019 Public Works Committee for consideration and possible action:

Description: This purchase agreement locks in the price for bulk salt from Morton Salt, Inc. delivered to the Public Works facility at \$87.36 per ton. Under this agreement the Village is required to take delivery of 5,500 tons of salt over the winter season.

The total estimated cost for 2019-2020 season: \$480,480.00

A request for a purchasing agreement proposal for bulk rock salt was requested from 8 companies. Three (3) proposals were received as follows:

Morton Salt, Inc.	Oakbrook, IL	\$87.36 per ton
Midwest Salt	West Chicago, IL	\$94.24 per ton
Chicago Salt *	Riverdale, IL	\$101.00 Per ton
Oakley Fertilizer	North Little Rock, AR	No response
Cargill	North Olmsted, OH	Declined
Compass Minerals	Overland, KS	No Response
Central Salt	Lemont, IL	No Response
National Salt	Itasca, IL	No Response

*Could not supply full amount request, 5,500 tons

Background: Central Management Services (CMS) contracts for a state-wide purchase for bulk road salt supply opened bids June and the median cost per ton for surrounding communities was not released as of yet. This is historically a higher cost per ton than what we have received by pricing individually.

Budget / Finance: Funding for this purpose is available in the Road & Bridge and Commuter Parking Lot Operating & Maintenance Funds.

O&M Budget Road & Bridge amount available	\$485,000.00
O&M Commuter Parking Lot amount available	\$ 15,000.00
O&M Odyssey Street Fund amount available	\$ 10,000.00
Amount required for salt purchase	<u>(\$480,480.00)</u>
Amount UNDER budget	\$ 29,520.00

Staff Direction Request:

1. Approve purchase agreement with Morton Salt, Inc. for the FY20 bulk salt purchase in the amount of \$87.36 per ton.
2. Direct Staff as necessary.



Quote

1300 W. Washington St.
West Chicago, IL 60185

Phone: 630-513-7575 - Fax: 630-513-8546
www.MidwestSalt.com

Valid Till: 10/04/2019

Quote Number: 2133725000018639028

BILL TO: Village of Tinley Park 16250 Oak Park Avenue Tinley Park, IL, 60477		SHIP TO: Village of Tinley Park 7980 183rd Street Tinley Park, IL 60477			
Contact Name: Kelly Mulqueeny Contact Phone: (708) 444-5520 Contact Email: kmulqueeny@tinleypark.org Contact Fax:		Sales Person: Rainer Kettner Sales Person Phone: 630-513-7575 x 125 Sales Person Email: rainer.kettner@midwestsalt.net Payment Terms: Net 30			
S.No.	Product Details	Qty	Unit Price	Sales Tax	Total
1.	MVP- Bulk Road Salt- Lemont Price/ton- Color: White – Works to +5°F Estimated 21-24 tons per delivery or delivery Delivery from Lemont IL to Tinley Park IL Price includes delivery	5500	\$ 94.24	\$ 0.00	\$ 518,320.00
				Tax	\$ 0.00
				Grand Total	\$ 518,320.00

Terms and Conditions

The Buyer commits to purchase 100% of the quantity at the price listed in this proposal.

Payment Terms: Buyer agrees to pay Midwest Salt ("MWS") 100% of the full contract price at the time of the signing this Agreement, which MWS shall apply to all deliveries until complete. Should the Buyer fail to complete all deliveries during the time period set forth herein, storage fees of \$3 per ton shall apply to all remaining tonnage onsite as of 3/31/2020 through 3/31/2021 and \$5 per ton per month afterwards. The storage fees are payable and due upon receipt. No salt will be removed unless applicable storage fees are paid in full.

All payments will be by wire transfer pursuant to instructions provided to Buyer by MWS. The contract price does not include an 8.00% sales tax. If Buyer is exempt from sales tax, Buyer shall provide MWS with a tax-exempt certificate or a signed IL CRT 61 form.

The product shall comply with the specifications provided to Buyer by MWS. Except for this warranty, there are no other express or implied warranties, including the IMPLIED WARRANTY OF MERCHANTABILITY and the IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, all of which are hereby excluded. Buyer may inspect the product prior to delivery; however, upon delivery Buyer acknowledges that the product delivered is in all respects accepted. Should Buyer reject the product at the time of inspection, Buyer shall provide MWS with a written notice of rejection via email or personal delivery to the MWS representative listed above, which notice shall apply only to the load inspected and which notice shall specify the reasons for the rejection. The parties agree that rejection of a load does not affect the remaining tonnage subject to this Agreement.

Buyer shall unload and release all transportation vehicles and equipment promptly so that no demurrage or other expenses resulting from delay shall be incurred; however, if any claims or demurrage charges are incurred by reason of any action or inaction by Buyer, then Buyer shall promptly reimburse MWS for such damages.

Buyer shall indemnify, hold harmless, and defend MWS, its employees and agents, from any and all claims and expenses, including its reasonable attorneys' fees, arising out of any claims by any third parties, including but not limited to, claims by Buyer's employees and agents, excepting only claims for intentional misconduct by MWS.

All orders are subject to MWS's ability to make delivery at the time and in the quantities specified herein. MWS shall be excused from performance for any and all reasons beyond its control; however, if all deliveries cannot be made by the date which is 45 days after the last listed date set forth above, Buyer may, at its option, cancel all further deliveries. Notice of cancellation shall be in writing to the MWS representative listed above. Any refunds due shall be paid within seven (7) days of notice from Buyer of such cancellation.

In the event MWS is unable for any reason to supply the total requirements of its customers, MWS may allocate its available supply of the product among its customers in a manner MWS deems fair and reasonable.

In no event shall MWS be liable to Buyer or any third party for any indirect, consequential, incidental, special or exemplary damages. Buyer's actual damages are limited to the amounts actually paid to MWS under this Agreement, regardless of the basis for any such claims for damages.

Any controversy or claim arising out of or relating to this contract, or the breach thereof, shall be settled by arbitration administered by the American Arbitration Association in accordance with its Commercial Arbitration Rules and judgment on the award rendered by the arbitrator may be entered in any court having jurisdiction thereof. Any claims under \$75,000 shall proceed under the AAA Expedited Procedure rules. All claims shall be heard by a single arbitrator, selected pursuant to a list of arbitrators published by the AAA, which shall include as many former judges of the Circuit Court of Cook County, Illinois as are then available. The place of arbitration shall be Chicago, Illinois. The arbitration shall be governed by the laws of the State of Illinois. Each party will, upon written request of the other party, promptly provide the other with copies of all relevant documents. There shall be no other discovery allowed. Time is of the essence for any arbitration under this agreement and arbitration hearings shall take place within 90 days of filing and awards rendered within 120 days. The arbitrator shall agree to these limits prior to accepting appointment. The arbitrator will have no authority to award punitive or other damages not measured by the prevailing party's actual damages limited by the amounts of any payments previously made by Buyer to MWS under this agreement. The arbitrator may determine how the costs and expenses of the arbitration shall be allocated between the parties; however reasonable attorneys' fees shall be awarded to the prevailing party. Except as may be required by law, neither a party nor an arbitrator may disclose the existence, content, or results of any arbitration hereunder without the prior written consent of both parties.

Quote Acceptance (bulk salt only):

By Customer: _____ Print Name: _____ By Midwest Salt:

Date: _____

Date: _____



MORTON SALT

SEP 06, 2019

Village of Tinley Park
16250 Oak Park Avenue
Tinley Park IL 60477-1628

Dear Sir/Madam

MORTON SALT, INC. is pleased to offer you the following bulk deicing salt pricing for the season 2019/2020.

Description	Valid From	Valid To	Transport Mode	Min Order
Bulk Safe-T-Salt	JUL 01, 2019	APR 30, 2020	Delivered	20 TON
5500 TON 5940037428/720			MORTON CALUMET(CH	87.36 USD per TON
Total Tons:	5500 TON			

Do you wish to change the tonnage? Yes ___ No ___ New tonnage is: _____ Tons

Reason for tonnage change: _____

Delivered prices are based upon full truckload quantities specific to the delivery address shown below.
Normal delivery is 1-5 business days ARO.

Any applicable taxes are extra. Terms are net 30 days. Initial order must be placed by December 31st

Please review your account information and advise if any changes are required;

Delivery Address:
VLG TINLEY PARK-IL
7980 183RD ST
TINLEY PARK IL 60477-3679

Print Name: _____
Title: _____
Email Address: _____
Phone Number: _____
Fax Number: _____

Customer #3656176

To confirm and accept this quotation, please sign the acceptance and return via mail (address below), email, or fax within 30 days of the date shown above.

Acceptance:

I accept the MORTON SALT, INC. price for season 2019/2020.

Signature: _____ Date: _____

Return to:
Customer Service
Email: buyroadsalt@mortonsalt.com
Fax: 630-214-0725
444 W Lake St.
Chicago IL 60606

444 West Lake Street
Suite 3000
Chicago, IL 60606-0090

TEL 312.807.2000
WEB mortonsalt.com

MORTON SALT, INC.
A K+S GROUP COMPANY



MORTON SALT

To place orders, please contact our Customer Service Department:

Phone: 855-665-4540

Fax: 630-214-0725

Email: buyroadsalt@mortonsalt.com

Normal business hours are 6:00am to 4:00pm CST, M-F.

Sincerely,

MORTON SALT, INC.



MORTON SALT

Terms and Conditions

1. All orders are subject to the conditions set forth hereon, and no agreement or other understanding in any way modifying or supplementing these conditions shall be binding upon Seller unless made in writing and signed by an authorized executive of Seller.
2. This price quotation does not include sales, use, or any other taxes, which will be added to the price, if applicable.
3. Terms of payment are net thirty (30) days (subject to Credit Department approval). The Seller reserves the right to charge a one and a half percent (1½%) per month service charge on amounts outstanding more than thirty (30) days from the date of the invoice, effective as of the thirty-first day from the date of the invoice.
4. Effort will be made to effect shipment as soon as possible after an order is received but Seller shall not be responsible for any delay or failure to deliver caused wholly or in part by any cause not resulting from negligence on the part of Seller, including without limitation, fire, flood, accident, strike, labor trouble, civil commotion, acts of terrorism, war, demands, requests or requirements of governmental authority, failure in production equipment, product availability, inability to obtain fuel, power, raw materials or shipping capacity or acts of God, including snow, ice or other weather related problems. Transportation surcharges may be applied in the event of significant cost increases in transportation beyond the reasonable control of the Seller.
5. All claims of shortages in quantities delivered, quality or delivery of material other than ordered must be made in writing by Buyer within seven (7) days of receipt of shipment and supported by satisfactory evidence. Buyer, by acceptance of the material covered by this transaction, assumes all risk and responsibility incident to the handling and use of said material and for the results obtained through use of said material, and shall indemnify and hold Seller harmless of and from any and all claims with respect thereto.
6. Seller warrants the material sold hereunder is suitable for ice control only. Seller's liability is limited to providing additional material to the extent any material is shown to be otherwise than as warranted, and Seller shall be in no event liable otherwise or for indirect or consequential damages. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
7. The SELLER reserves the right upon notice to BUYER to condition any future shipments (including those previously ordered or in transit) upon SELLER'S receipt of cash, certified or cashier's check in the amount of the invoice prices of such shipments and inclusive of all freight.
8. Delivered prices are based upon full truckload. Shipments are made in dump trucks carrying 20-25 tons and normally delivered within 5 days. Exceptions to truck minimums: in Michigan-50 ton minimum (or single trailer 25 ton minimum); Utah-40 ton minimum (or single trailer 25 ton minimum or tri-axle truck 18 ton minimum); Ohio piler delivery-200 ton minimum; 10 ton minimum per truck pickup where offered and available. Please give at least 24 hours notice prior to pick-up.
9. Estimated tonnage for existing customers is a weighted average calculation of purchases from Morton Salt in the last five (5) years. Customer requests above the estimated tonnage are subject to product availability and pricing changes. Increases in any of Seller's transportation and warehousing costs, and extraordinary increases in Seller's costs of production, including without limitation, in its costs of energy or package materials, may be passed along to Buyer upon advance notice to cover the increased costs to Seller.
10. Should fuel costs rise to a level requiring carriers to implement a fuel surcharge, the surcharge amount will be additional, and will be shown as a separate line item on the invoice. If implemented, fuel surcharge amounts may vary weekly, and are based on the fuel cost averages published at www.eia.doe.gov.

444 West Lake Street
Suite 3000
Chicago, IL 60606-0090

TEL 312.807.2000
WEB mortonsalt.com

MORTON SALT, INC.
A K+S GROUP COMPANY

From: [Chicago Salt Compay Inc.](#)
To: [Kelly Mulqueeny](#)
Subject: bulk salt
Date: Monday, September 16, 2019 11:06:54 AM

Chicago Salt Company Inc can supply 3,000 tons delivered through out the year to your facility for \$101.00 a ton. I would need to know by October 16th 2019 a yes or a no.

--

Leon Benish
CEO
Chicago Salt Company Inc.
902 West 134th st.
Riverdale, Illinois 60827
708-906-4718
www.bulksaltsaleschicago.com

THE VILLAGE OF TINLEY PARK

Cook County, Illinois

Will County, Illinois

**ORDINANCE
NO. 2019-0-061**

**AN ORDINANCE AUTHORIZING THE DISPOSAL OF SURPLUS PERSONAL
PROPERTY OWNED BY THE VILLAGE OF TINLEY PARK**

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

**CYNTHIA A. BERG
WILLIAM P. BRADY
WILLIAM A. BRENNAN
DIANE M. GALANTE
MICHAEL W. GLOTZ
MICHAEL G. MUELLER
Board of Trustees**

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

ORDINANCE NUMBER 2019-O-061

**ORDINANCE AUTHORIZING THE DISPOSAL OF SURPLUS PERSONAL
PROPERTY OWNED BY THE VILLAGE OF TINLEY PARK**

WHEREAS, pursuant to Section 11-76-4 of the Illinois Municipal Code (65 ILCS 5/11-76-4), the Corporate Authorities of the Village of Tinley Park may dispose of personal property owned by the Village when, in the opinion of a simple majority of the Corporate Authorities, such property is no longer necessary or useful to, or for the best interests of, the Village; and

WHEREAS, the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, deem it no longer necessary, useful or in the best interests of the Village to retain the surplus personal property in Exhibit A attached.

NOW, THEREFORE, BE IT ORDAINED, by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: That the personal property listed on **Exhibit one (1)** is declared to be surplus personal property because it is no longer useful to the Village.

Section 2: That the Village Manager, or his designee, is authorized to dispose of the surplus personal property of the Village in any manner he sees fit.

Section 3: That the Village Clerk is hereby ordered and directed to publish this Ordinance in pamphlet form and this Ordinance shall be in full force and effect from and after its passage, approval and publication as required by law.

PASSED this ___ day of _____, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this ___ day of _____, 2019, by the President of the Village of Tinley Park.

By: _____
Village President

ATTEST:

By: _____
Village Clerk

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

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Ordinance No. 2019-O-061, “AN ORDINANCE AUTHORIZING THE DISPOSAL OF SURPLUS PERSONAL PROPERTY OWNED BY THE VILLAGE OF TINLEY PARK,” which was adopted by the President and Board of Trustees of the Village of Tinley Park on _____, 2018.

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

VILLAGE CLERK

EXHIBIT 1
SURPLUS EQUIPMENT LIST

DRAFT

2019 SURPLUS LIST

VIN #	Vehicle Number	Year	Manufacturer	Vehicle / Equipment Description
3B7KF26Z81M278040	679	2001	Dodge	Pickup Truck
1J4PR4GK4AC159715	73	2010	Jeep	Cherokee
1FTWF31557EA36316	80	2007	Ford	F350, 3/4 Ton Pick-up
1FTSE34LX7DB45758	34	2007	Ford	E350 Van

DRAFT



Interoffice Memo

Date: October 4, 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 80th Ave. Train Station Staircases, Railings, Concrete, Landscaping, and Paver Replacement/Repairs

Presented for October 8th, 2019 Public Works Committee/October 15, 2019 Board Meeting Agenda discussion and possible action:

Description:

We are requesting authorization to repair and replace the 2nd, 3rd, and 4th phases of the 80th Ave. Train Station Staircases/Hand Railing Replacement/Repair Project utilizing the Job Order Contracting (JOC) procurement method. With the original installation failing, it is the intent of Public Works to continue with the solution that has been proven to withstand time. The Oak Park Ave. Train Station has been in place for over sixteen (16) years with minimal issues to the stairs, railing, and paver installation methods followed at this site. It is our recommendation to follow the design installation details as released to the contractor in 2002 for the repairs of the staircases and railings at the 80th Ave. Train Station. 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:

Shortly after the original opening of the 80th Ave. Train Station in 2012, the Public Works Department was notified of railings in the area that were lifting from the concrete and damaging the surrounding staircases and curbing. As time progressed, additional heaving of railings, separation of stair nosing, and "freeze/thaw" destruction to the concrete in the area became drastic. The Village Board approved Public Works to start replacing/repairing the staircases and railings last year (2018) in our phase one segment and this request is complete the next three segments to complete the entire replacement/repair project. As of today we have completed the replacement of four staircases in phase one (\$271,200). Based on previous discussions with the Village attorney and staff members, it was recommend to complete all the remaining segments/phases (2, 3, & 4) all at once in lieu of

partially completing phases over the next few years. Please reference the following breakdown of all items to be replaced/repaired (Please reference the attached detailed scope of work, drawing, and pictures for further clarification):

- Main Front Entrance Staircase: \$62,928.63
- East Ramp – North Tunnel: \$44,437.92
- East Ramp – South Tunnel: \$52,027.17
- West Ramp – North Tunnel: \$56,591.57
- West Ramp – South Tunnel: \$76,328.30
- Staircase Into Building/Entrance Staircase: \$70,923.19
- Railings: \$458,971.57
- Stair Repairs: \$30,140.54
- Staircase #1: \$46,605.25
- Staircase #3: \$46,605.25
- Staircase #4: \$46,605.25

Budget / Finance: Funding is budgeted and available in the approved FY19 Budget; Municipal Buildings Fund.

Budget Available	\$589,405.00
<u>Contract Amount</u>	<u>\$1,002,184.84</u>
Difference – Over Budget	\$412,779.84

Staff Direction Request:

1. Approve JOC contract with Gordian/F.H. Paschen, S.N. Nielsen & Associates of Chicago, Illinois for the amount of \$1,002,184.84.
2. Direct staff as necessary.

Attachments:

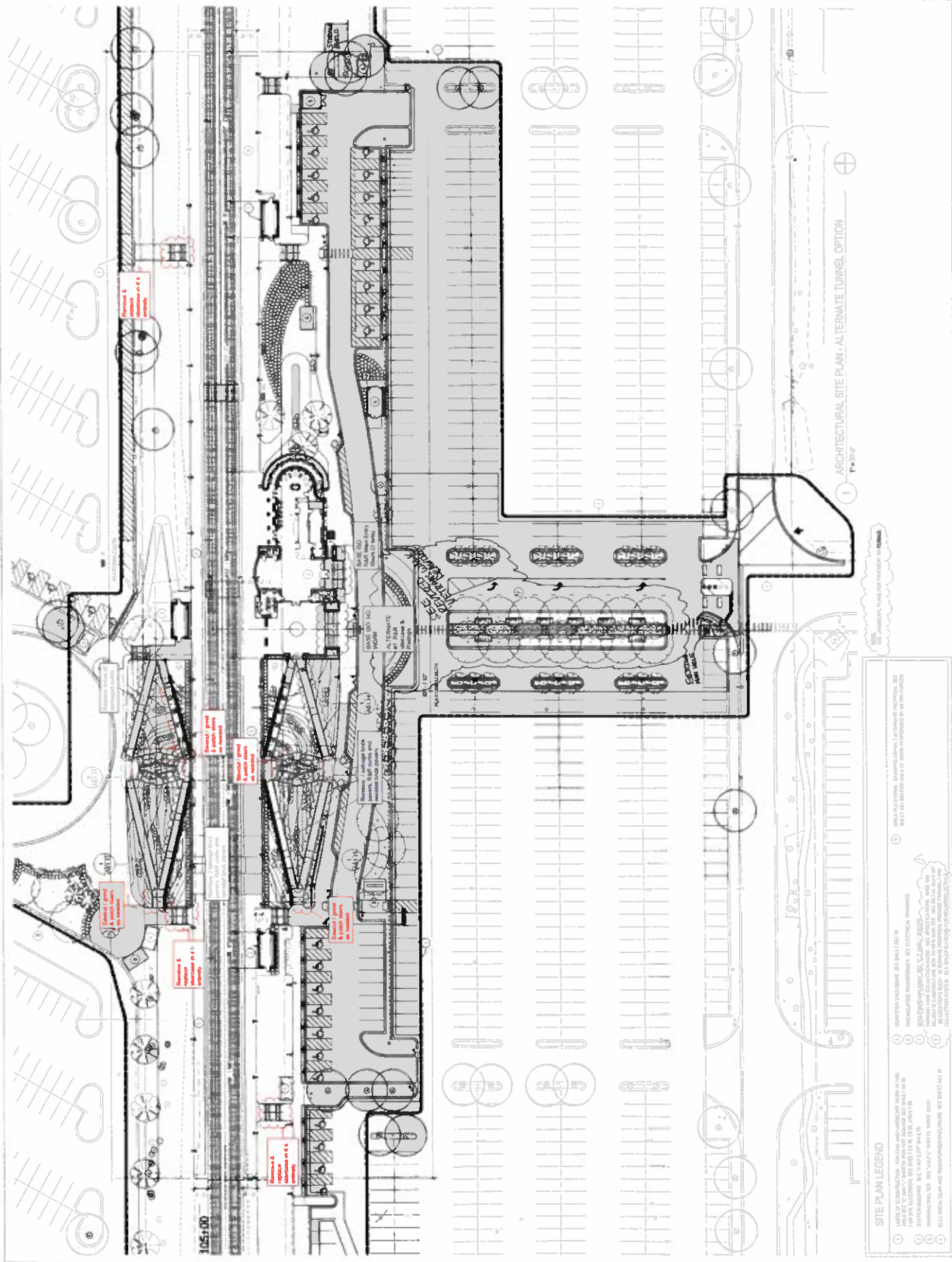
Gordian/F.H. Paschen, S.N. Nielsen & Associates proposal and detailed scope of work.



NO.	DATE	DESCRIPTION
1	01/10/2009	ISSUED FOR PERMIT
2	02/10/2009	ISSUED FOR PERMIT
3	03/10/2009	ISSUED FOR PERMIT
4	04/10/2009	ISSUED FOR PERMIT
5	05/10/2009	ISSUED FOR PERMIT
6	06/10/2009	ISSUED FOR PERMIT
7	07/10/2009	ISSUED FOR PERMIT
8	08/10/2009	ISSUED FOR PERMIT
9	09/10/2009	ISSUED FOR PERMIT
10	10/10/2009	ISSUED FOR PERMIT
11	11/10/2009	ISSUED FOR PERMIT
12	12/10/2009	ISSUED FOR PERMIT

DATE:	01/10/2009
PROJECT NO:	0100000
PROJECT NAME:	STATION EIT 20
PROJECT ADDRESS:	1051.00
PROJECT CITY:	CHICAGO, IL
PROJECT STATE:	IL
PROJECT COUNTY:	COOK
PROJECT DISTRICT:	251
PROJECT SHEET NO:	AST 100A

1051.00
STATION EIT 20
TAG 20



SITE PLAN LEGEND

- 1. EXISTING BUILDING FOOTPRINT
- 2. PROPOSED BUILDING FOOTPRINT
- 3. PROPOSED CONCRETE WALKWAY
- 4. PROPOSED ASPHALT DRIVE
- 5. PROPOSED ASPHALT DRIVE
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Job Order Contract
Detailed Scope of Work

Job Order Number: 068496.00
Job Order Name: Village of Tinley Park - Train Station 3rd and 4th phase railings
Contractor Name: F. H. Paschen, S. N. Nielsen & Associates LLC
Location: 589 - 18001 S. 80th Ave. Tinley Park, IL 60477
18001 S. 80th Ave.
Tinley Park, IL 60477

Date: September 13, 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 a quote for the 3rd and 4th phases of the staircases/hand railing replacement project at the 80th Ave. Train Station. Various staircases/hand railings need to be repaired and/or replaced due to the installation of faulty materials or incorrect installation methods.

Detailed Scope of Work:

Railing Replacement:

- Provide labor, equipment, and material to remove existing aluminum railing per marked-up drawing tiled AS1.00A.
- Supply and install new steel railing system to match existing style per marked-up drawing tiled AS1.00A (including alternate #1).
- Material to be powder coated steel (color to match as close as possible).

Concrete Replacement:

- Remove and replace Concrete Stair 1 per marked-up drawing tiled AS1.00A to match previously completed staircases.
- Remove and replace Concrete Stair 3 per marked-up drawing tiled AS1.00A to match previously completed staircases.
- Remove and replace Concrete Stair 4 per marked-up drawing tiled AS1.00A to match previously completed staircases.
- West Ramp @ North Tunnel: Remove and replace curb per marked-up drawing tiled AS1.00A
- East Ramp @ North Tunnel: Remove and replace curb per marked-up drawing tiled AS1.00A
- East Ramp @ South Tunnel: Remove and replace curb per marked-up drawing tiled AS1.00A
- West Ramp @ South Tunnel: Remove and replace curb per marked-up drawing tiled AS1.00A
- Train Station Front Entrance: Remove and replace staircase and side Entrance Staircase per marked-up drawing tiled AS1.00A
- Remove and replace concrete corners sawcut & replace 12" x 7" replacing existing tread nosing 27 separate locations per marked-up drawing tiled AS1.00A

Detailed Scope of Work - 068496.00

Detailed Scope of Work (continued)

Job Order Number: 068496.00

Job Order Name: Village of Tinley Park - Train Station 3rd and 4th phase railings

Landscaping:

- Remove existing clay pavers at each ramp / tunnel section and place on pallets. Reinstall pavers at each Tunnel Stair / ramp section after concrete repairs per marked-up drawing tiled AS1.00A

Alternate #1: Paver Plaza Front Entrance Staircase

- Remove and replace existing staircase in kind per marked-up drawing tiled AS1.00A
- Remove existing pavers and reinstall upon staircase replacement per marked-up drawing tiled AS1.00A
- This alternate excludes railings. The cost of the railings is included in the base pricing under “railings” category.

Clarifications

- FHP highly recommends that some level of engineering investigation take place to determine the cause of the current site deterioration and to propose a permanent solution. FHP’s proposal does not include any engineering or third-party investigation.
- This proposal excludes permit fees, Railroad permit and insurance fees, etc.
- This proposal excludes railroad flaggers.
- This proposal excludes temporary public transportation or temporary signage.
- This proposal excludes any temporary provisions for walkways, ramps, or pedestrian access.
- This proposal assumes work is to be performed in four (4) phases. There will be a cost impact for any additional phases needed.
- This proposal is based on normal working hours and reasonable phasing of work to be completed.
- This proposal includes a payment and performance bond.
- This proposal excludes reconfiguration of the existing outcropping stone.
- This proposal excludes mulch restoration near the outcropping locations.
- This proposal excludes new decorative stone
- This proposal excludes temporary railings or handrails.
- This proposal excludes soil or concrete testing.
- This proposal excludes any landscaping other than indicated above.
- This proposal excludes any engineer costs, fees calculations, etc.
- This proposal excludes as-built drawings.
- This proposal excludes new brick pavers. Cost assumes to remove, salvage and reinstall existing brick pavers throughout.
- This proposal excludes the removal and disposal of any hazardous material.
- This proposal excludes any unforeseen conditions that may arise.
- This proposal excludes any overtime or premium time, proposal is based on normal work hours.
- This proposal includes only the following items described in the above scope.

Job Order Contract

Proposal Review Summary - Category

Date: September 13, 2019
Work Order #: 068496.00
Title: Village of Tinley Park - Train Station 3rd and 4th phase railings
Contractor: 11-082 - F. H. Paschen, S. N. Nielsen & Associates LLC
Proposal Value: \$1,002,184.84
Proposal Name: Village of Tinley Park - Train Station 3rd and 4th phase railings Rev 02
Proposal Submitted: 09/13/2019

Alternate #1:	\$62,928.63
East Ramp - North Tunnel:	\$44,437.92
East Ramp - South Tunnel:	\$52,027.17
Main Staircase:	\$70,923.19
Payment and Performance Bonds:	\$10,020.00
Railings:	\$458,971.57
Stair Repairs:	\$30,140.54
Staircase #1:	\$46,605.25
Staircase #3:	\$46,605.25
Staircase #4:	\$46,605.25
West Ramp - North Tunnel:	\$56,591.57
West Ramp - South Tunnel:	\$76,328.50
Proposal Total	\$1,002,184.84

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: 28.15%

Job Order Contract

Proposal Review Detail - Category

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings
 Contractor: 11-082 - F. H. Paschen, S. N. Nielsen & Associates LLC
 Proposal Value: \$1,002,184.84
 Proposal Name: Village of Tinley Park - Train Station 3rd and 4th phase railings Rev 02
 Proposal Submitted: 09/13/2019

Rec#	CSI Number	Mod.	UOM	Description	Line Total																
Alternate #1																					
1	01 22 23 00-0527		WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	\$4,605.81																
				<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>1.00</td> <td>x</td> <td>3,832.43</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$4,605.81</td> </tr> </table>		Quantity		Unit Price		Factor	=	Total	Installation	1.00	x	3,832.43	x	1.2018	=	\$4,605.81	
	Quantity		Unit Price		Factor	=	Total														
Installation	1.00	x	3,832.43	x	1.2018	=	\$4,605.81														
				Contractors Note: Equipment used to haul removed pavers on pallet and then used to bring pavers back to the staircase alternate #1																	
2	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89																
				<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>2.00</td> <td>x</td> <td>201.32</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$483.89</td> </tr> </table>		Quantity		Unit Price		Factor	=	Total	Installation	2.00	x	201.32	x	1.2018	=	\$483.89	
	Quantity		Unit Price		Factor	=	Total														
Installation	2.00	x	201.32	x	1.2018	=	\$483.89														
				Contractors Note: Mobilize and demobilize concrete equipment at the staircase alternate #1																	
3	01 74 13 00-0003		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$1,061.07																
				<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>45.00</td> <td>x</td> <td>19.62</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$1,061.07</td> </tr> </table>		Quantity		Unit Price		Factor	=	Total	Installation	45.00	x	19.62	x	1.2018	=	\$1,061.07	
	Quantity		Unit Price		Factor	=	Total														
Installation	45.00	x	19.62	x	1.2018	=	\$1,061.07														
				Contractors Note: Load spoils into truck or dumpster at the staircase alternate #1																	
4	01 74 19 00-0013		EA	20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$459.33																
				<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>1.00</td> <td>x</td> <td>382.20</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$459.33</td> </tr> </table>		Quantity		Unit Price		Factor	=	Total	Installation	1.00	x	382.20	x	1.2018	=	\$459.33	
	Quantity		Unit Price		Factor	=	Total														
Installation	1.00	x	382.20	x	1.2018	=	\$459.33														
				Contractors Note: Construction debris at the staircase alternate #1																	
5	02 41 19 13-0003		SF	Remove Brick Flooring And Salvage	\$683.10																
				<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>280.00</td> <td>x</td> <td>2.03</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$683.10</td> </tr> </table>		Quantity		Unit Price		Factor	=	Total	Installation	280.00	x	2.03	x	1.2018	=	\$683.10	
	Quantity		Unit Price		Factor	=	Total														
Installation	280.00	x	2.03	x	1.2018	=	\$683.10														
				Contractors Note: Assist in removing / loading pavers onto pallet once they are removed - alternate #1																	
6	02 41 19 13-0089		EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$612.03																
				<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>1.00</td> <td>x</td> <td>509.26</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$612.03</td> </tr> </table>		Quantity		Unit Price		Factor	=	Total	Installation	1.00	x	509.26	x	1.2018	=	\$612.03	
	Quantity		Unit Price		Factor	=	Total														
Installation	1.00	x	509.26	x	1.2018	=	\$612.03														
				Contractors Note: Minimum sawcut charge at alternate #1 staircase																	
7	02 41 19 13-0214		IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	\$670.60																
				<table border="0"> <tr> <td></td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td>Installation</td> <td>186.00</td> <td>x</td> <td>3.00</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$670.60</td> </tr> </table>		Quantity		Unit Price		Factor	=	Total	Installation	186.00	x	3.00	x	1.2018	=	\$670.60	
	Quantity		Unit Price		Factor	=	Total														
Installation	186.00	x	3.00	x	1.2018	=	\$670.60														
				Contractors Note: Drill into existing concrete slab to install dowels at the staircase alternate #1																	

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
Alternate #1					
8	02 41 19 13-0261		SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Bar Reinforced, Slab On Grade	\$17,197.76
				Installation	
				Quantity	Total
				375.00 x	\$17,197.76
				Unit Price	
				38.16 x	
				Factor	
				1.2018 =	
				Contractors Note: Sawcut existing concrete at staircase alternate #1 into pieces small enough to haul by hand / concrete buggy to the dumpster.	
9	03 01 30 71-0016		LF	Epoxy Injection, Over 1/4" Wide	\$1,282.32
				Installation	
				Quantity	Total
				20.00 x	\$1,282.32
				Unit Price	
				53.35 x	
				Factor	
				1.2018 =	
				Contractors Note: Epoxy injection for new dowels at the staircase alternate #1	
10	03 11 13 00-0007		SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	\$1,828.66
				Installation	
				Quantity	Total
				160.00 x	\$1,828.66
				Unit Price	
				9.51 x	
				Factor	
				1.2018 =	
				Contractors Note: Formwork for new staircase alternate #1 foundation footings, walls and frost walls.	
11	03 11 13 00-0007	0001	SF	For Quantities < 1000, Add	\$346.12
				Installation	
				Quantity	Total
				160.00 x	\$346.12
				Unit Price	
				1.80 x	
				Factor	
				1.2018 =	
				Contractors Note:	
12	03 11 23 00-0002		SF	Cast On Grade Stairway Wood Formwork	\$3,937.10
				Installation	
				Quantity	Total
				240.00 x	\$3,937.10
				Unit Price	
				13.65 x	
				Factor	
				1.2018 =	
				Contractors Note: Formwork required on both sides of new staircase alternate #1	
13	03 11 23 00-0002	0008	SF	For Quantities < 1000, Add	\$767.23
				Installation	
				Quantity	Total
				240.00 x	\$767.23
				Unit Price	
				2.66 x	
				Factor	
				1.2018 =	
				Contractors Note:	
14	03 21 13 00-0006		TON	Grade 60 Reinforcing Steel, Footings And Slabs, #3-#6	\$2,660.95
				Installation	
				Quantity	Total
				0.80 x	\$2,660.95
				Unit Price	
				2,767.67 x	
				Factor	
				1.2018 =	
				Contractors Note: Furnish and install required rebar for the staircase alternate #1	
15	03 21 13 00-0006	0021	TON	For Epoxy Coated, Add	\$877.15
				Installation	
				Quantity	Total
				0.80 x	\$877.15
				Unit Price	
				912.33 x	
				Factor	
				1.2018 =	
				Contractors Note:	
16	03 21 13 00-0026		EA	Straight Dowels, 5/8" Diameter x 24" Long (16 mm Diameter x 61 cm Long), Deformed	\$85.93
				Installation	
				Quantity	Total
				25.00 x	\$85.93
				Unit Price	
				2.86 x	
				Factor	
				1.2018 =	
				Contractors Note: Furnish and install new dowels to tie new staircase landing into existing concrete - alternate #1	
17	03 31 13 00-0034		CY	Direct Chute, Place 3000 PSI On Grade Concrete Stairs	\$7,953.48
				Installation	
				Quantity	Total
				27.00 x	\$7,953.48
				Unit Price	
				245.11 x	
				Factor	
				1.2018 =	
				Contractors Note: Furnish and install new concrete for the staircase alternate #1	

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
Alternate #1					
18	03 31 13 00-0034	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$288.79
				Quantity	Unit Price
				Installation	Factor
				27.00 x	8.90 x
					1.2018 =
					Total
					\$288.79
Contractors Note:					
19	03 31 13 00-0034	0047	CY	For Quantities > 20 To 50, Add	\$689.21
				Quantity	Unit Price
				Installation	Factor
				27.00 x	21.24 x
					1.2018 =
					Total
					\$689.21
Contractors Note:					
20	03 31 13 00-0062		CY	12" Thick, By Direct Chute, Place 3000 PSI Concrete Walls	\$3,984.21
				Quantity	Unit Price
				Installation	Factor
				20.00 x	165.76 x
					1.2018 =
					Total
					\$3,984.21
Contractors Note: Furnish and install new concrete at foundation footings, foundation walls and frost walls at the staircase alternate #1					
21	03 31 13 00-0062	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$213.92
				Quantity	Unit Price
				Installation	Factor
				20.00 x	8.90 x
					1.2018 =
					Total
					\$213.92
Contractors Note:					
22	03 31 13 00-0062	0051	CY	For Quantities Up To 20, Add	\$598.50
				Quantity	Unit Price
				Installation	Factor
				20.00 x	24.90 x
					1.2018 =
					Total
					\$598.50
Contractors Note:					
23	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$1,508.26
				Quantity	Unit Price
				Installation	Factor
				50.00 x	25.10 x
					1.2018 =
					Total
					\$1,508.26
Contractors Note: Buggy utilized to haul new and demolished concrete at the staircase alternate #1					
24	03 35 16 00-0005		SF	Concrete Floor Finishes, Steel Trowel	\$626.44
				Quantity	Unit Price
				Installation	Factor
				375.00 x	1.39 x
					1.2018 =
					Total
					\$626.44
Contractors Note: Finish new concrete stairs - alternate #1					
25	05 12 23 00-0170		SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface after torch cutting.	\$224.98
				Quantity	Unit Price
				Installation	Factor
				288.00 x	0.65 x
					1.2018 =
					Total
					\$224.98
Contractors Note: grind railings to remove posts and railings throughout - alternate #1					
26	09 01 60 00-0003		SF	Remove Setting Bed And Clean Area	\$1,221.51
				Quantity	Unit Price
				Installation	Factor
				280.00 x	3.63 x
					1.2018 =
					Total
					\$1,221.51
Contractors Note: Remove existing sand bedding - alternate #1					
27	31 05 16 00-0003		CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	\$663.69
				Quantity	Unit Price
				Installation	Factor
				25.00 x	22.09 x
					1.2018 =
					Total
					\$663.69
Contractors Note: Furnish and install new aggregate for concrete stairs alternate #1					

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
Alternate #1					
28	31 05 16 00-0003	0053	CY	For Quantities > 10 To 25 (> 8 To 19 M3), Add	\$66.40
				Quantity	Unit Price
				Installation 25.00 x	2.21 x
					Factor 1.2018 =
					Total \$66.40
Contractors Note:					
29	31 23 36 00-0007		CY	Excavation By Hand Up To 1 On 4 Slope	\$2,610.01
				Quantity	Unit Price
				Installation 35.00 x	62.05 x
					Factor 1.2018 =
					Total \$2,610.01
Contractors Note: Excavate existing spoils in order to install new staircase foundation footings, walls and frost walls and the staircase alternate #1					
30	32 14 11 00-0002		SF	1" To 2" Sand Bedding, Screeded	\$249.01
				Quantity	Unit Price
				Installation 280.00 x	0.74 x
					Factor 1.2018 =
					Total \$249.01
Contractors Note: Furnish and install additional sand bedding as required - alternate #1					
31	32 14 16 00-0002		SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	\$1,956.53
				Quantity	Unit Price
				Installation 220.00 x	4.94 x
				Demolition 220.00 x	2.46 x
					Factor 1.2018 =
					Total \$1,306.12
					Factor 1.2018 =
					Total \$650.41
Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Excludes new material. - alternate #1					
32	32 14 16 00-0002	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$909.52
				Quantity	Unit Price
				Installation 220.00 x	3.44 x
					Factor 1.2018 =
					Total \$909.52
Contractors Note:					
33	32 14 16 00-0002	0132	SF	For Quantities > 100 To 500, Add	\$245.89
				Quantity	Unit Price
				Installation 220.00 x	0.93 x
					Factor 1.2018 =
					Total \$245.89
Contractors Note:					
34	32 14 16 00-0003		SF	4" x 8" x 2-1/4" Brick, Laid On Edge	\$607.87
				Quantity	Unit Price
				Installation 60.00 x	5.62 x
				Demolition 60.00 x	2.81 x
					Factor 1.2018 =
					Total \$405.25
					Factor 1.2018 =
					Total \$202.62
Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Pavers on the perimeter or each ramp are laid on edge. Excludes new material - alternate #1					
35	32 14 16 00-0003	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$429.04
				Quantity	Unit Price
				Installation 60.00 x	5.95 x
					Factor 1.2018 =
					Total \$429.04
Contractors Note:					
36	32 14 16 00-0003	0131	SF	For Quantities Up To 100, Add	\$322.32
				Quantity	Unit Price
				Installation 60.00 x	4.47 x
					Factor 1.2018 =
					Total \$322.32
Contractors Note:					

Subtotal for Alternate #1: \$62,928.63

East Ramp - North Tunnel

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total																
East Ramp - North Tunnel																					
37	01 22 23 00-0147		DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	\$4,927.38																
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td></td> <td>5.00</td> <td>x</td> <td>820.00</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$4,927.38</td> </tr> </table>	Installation	Quantity		Unit Price		Factor	=	Total		5.00	x	820.00	x	1.2018	=	\$4,927.38	
Installation	Quantity		Unit Price		Factor	=	Total														
	5.00	x	820.00	x	1.2018	=	\$4,927.38														
				Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at the east ramp - north tunnel.																	
38	01 22 23 00-0162		DAY	Backhoe Attachment For Skid-Steer Loaders	\$602.94																
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td></td> <td>5.00</td> <td>x</td> <td>100.34</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$602.94</td> </tr> </table>	Installation	Quantity		Unit Price		Factor	=	Total		5.00	x	100.34	x	1.2018	=	\$602.94	
Installation	Quantity		Unit Price		Factor	=	Total														
	5.00	x	100.34	x	1.2018	=	\$602.94														
				Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at east ramp - north tunnel.																	
39	01 22 23 00-0527		WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	\$9,211.63																
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td></td> <td>2.00</td> <td>x</td> <td>3,832.43</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$9,211.63</td> </tr> </table>	Installation	Quantity		Unit Price		Factor	=	Total		2.00	x	3,832.43	x	1.2018	=	\$9,211.63	
Installation	Quantity		Unit Price		Factor	=	Total														
	2.00	x	3,832.43	x	1.2018	=	\$9,211.63														
				Contractors Note: Equipment used to haul removed pavers to pallet and then used to bring pavers back East Ramp - North Tunnel to be reinstalled.																	
40	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89																
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td></td> <td>2.00</td> <td>x</td> <td>201.32</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$483.89</td> </tr> </table>	Installation	Quantity		Unit Price		Factor	=	Total		2.00	x	201.32	x	1.2018	=	\$483.89	
Installation	Quantity		Unit Price		Factor	=	Total														
	2.00	x	201.32	x	1.2018	=	\$483.89														
				Contractors Note: Mobilize / demobilize bobcat.																	
41	01 71 13 00-0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with > 40' boom lengths, etc.	\$1,935.52																
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td></td> <td>4.00</td> <td>x</td> <td>402.63</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$1,935.52</td> </tr> </table>	Installation	Quantity		Unit Price		Factor	=	Total		4.00	x	402.63	x	1.2018	=	\$1,935.52	
Installation	Quantity		Unit Price		Factor	=	Total														
	4.00	x	402.63	x	1.2018	=	\$1,935.52														
				Contractors Note: Mobilize / demobilize equipment including but not limited to bobcat(s), concrete pump truck and loader for east ramp - north tunnel.																	
42	01 74 13 00-0003		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$235.79																
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td></td> <td>10.00</td> <td>x</td> <td>19.62</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$235.79</td> </tr> </table>	Installation	Quantity		Unit Price		Factor	=	Total		10.00	x	19.62	x	1.2018	=	\$235.79	
Installation	Quantity		Unit Price		Factor	=	Total														
	10.00	x	19.62	x	1.2018	=	\$235.79														
				Contractors Note: Load concrete debris from east ramp - north tunnel into dumpster.																	
43	01 74 19 00-0013		EA	20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee Non-hazardous material.	\$459.33																
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td></td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td></td> <td>1.00</td> <td>x</td> <td>382.20</td> <td>x</td> <td>1.2018</td> <td>=</td> <td>\$459.33</td> </tr> </table>	Installation	Quantity		Unit Price		Factor	=	Total		1.00	x	382.20	x	1.2018	=	\$459.33	
Installation	Quantity		Unit Price		Factor	=	Total														
	1.00	x	382.20	x	1.2018	=	\$459.33														
				Contractors Note: Dumpster for concrete and construction debris at the east ramp - north tunnel																	

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
East Ramp - North Tunnel							
44	02 41 19 13-0003		SF	Remove Brick Flooring And Salvage	\$1,646.77		
				Quantity	Unit Price	Factor	Total
			Installation	675.00 x	2.03 x	1.2018 =	\$1,646.77
Contractors Note: Assist in removing / loading pavers onto pallet once they are removed.							
45	02 41 19 13-0089		EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$612.03		
				Quantity	Unit Price	Factor	Total
			Installation	1.00 x	509.26 x	1.2018 =	\$612.03
Contractors Note: Minimum sawcut charge at east ramp - north tunnel.							
46	02 41 19 13-0259		SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Light Reinforced, Slab On Grade	\$1,824.69		
				Quantity	Unit Price	Factor	Total
			Installation	45.00 x	33.74 x	1.2018 =	\$1,824.69
Contractors Note: Remove and dispose of existing concrete curb. Curb to be cut into pieces and hauled by buggy to dumpster at the east ramp - north tunnel							
47	03 11 13 00-0007		SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	\$1,291.49		
				Quantity	Unit Price	Factor	Total
			Installation	113.00 x	9.51 x	1.2018 =	\$1,291.49
Contractors Note: Formwork required for furnishing and install new concrete curb at the east ramp - north tunnel.							
48	03 11 13 00-0007	0001	SF	For Quantities < 1000, Add	\$244.45		
				Quantity	Unit Price	Factor	Total
			Installation	113.00 x	1.80 x	1.2018 =	\$244.45
Contractors Note:							
49	03 21 13 00-0004		TON	Grade 50 Reinforcing Steel, Footings And Slabs, #3-#6	\$327.36		
				Quantity	Unit Price	Factor	Total
			Installation	0.10 x	2,723.94 x	1.2018 =	\$327.36
Contractors Note: Furnish and install new #5 rebar at the east ramp - north tunnel							
50	03 21 13 00-0004	0021	TON	For Epoxy Coated, Add	\$105.68		
				Quantity	Unit Price	Factor	Total
			Installation	0.10 x	879.36 x	1.2018 =	\$105.68
Contractors Note:							
51	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$301.65		
				Quantity	Unit Price	Factor	Total
			Installation	10.00 x	25.10 x	1.2018 =	\$301.65
Contractors Note: Buggy utilized to haul concrete debris from east ramp - north tunnel to truck or dumpster.							
52	03 31 13 00-0092		CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY	\$144.22		
				Quantity	Unit Price	Factor	Total
			Installation	8.00 x	15.00 x	1.2018 =	\$144.22
Contractors Note: Small concrete delivery upcharge for east ramp - north tunnel							
53	03 35 16 00-0005		SF	Concrete Floor Finishes, Steel Trowel	\$75.17		
				Quantity	Unit Price	Factor	Total
			Installation	45.00 x	1.39 x	1.2018 =	\$75.17
Contractors Note: Finish new concrete curb at east ramp - north tunnel							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
East Ramp - North Tunnel							
54	03 35 16 00-0005	0056	SF	For Quantities Up To 50 SF, Add	\$300.69		
				Quantity	Unit Price	Factor	Total
			Installation	45.00 x	5.56 x	1.2018 =	\$300.69
Contractors Note:							
55	09 01 60 00-0003		SF	Remove Setting Bed And Clean Area	\$2,944.71		
				Quantity	Unit Price	Factor	Total
			Installation	675.00 x	3.63 x	1.2018 =	\$2,944.71
Contractors Note: Remove existing sand bedding to ensure ramps are level.							
56	31 05 16 00-0003		CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	\$53.10		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	22.09 x	1.2018 =	\$53.10
Contractors Note: Furnish and install new stone as required for new concrete curb at the east ramp - north tunnel							
57	31 05 16 00-0003	0052	CY	For Quantities Up To 10 (Up To 8 M3), Add	\$14.64		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	6.09 x	1.2018 =	\$14.64
Contractors Note:							
58	31 23 36 00-0007		CY	Excavation By Hand Up To 1 On 4 Slope	\$447.43		
				Quantity	Unit Price	Factor	Total
			Installation	6.00 x	62.05 x	1.2018 =	\$447.43
Contractors Note: Excavate as required to install new curb at the east ramp - north tunnel.							
59	31 23 36 00-0057		LF	Fine Grading Of Curb And Gutter	\$57.87		
				Quantity	Unit Price	Factor	Total
			Installation	45.00 x	1.07 x	1.2018 =	\$57.87
Contractors Note: Fine grading new curb at the east ramp - north tunnel							
60	32 14 11 00-0002		SF	1" To 2" Sand Bedding, Screeded	\$600.30		
				Quantity	Unit Price	Factor	Total
			Installation	675.00 x	0.74 x	1.2018 =	\$600.30
Contractors Note: Furnish and install additional sand bedding as required.							
61	32 14 16 00-0002		SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	\$6,493.21		
				Quantity	Unit Price	Factor	Total
			Installation	485.00 x	8.68 x	1.2018 =	\$5,059.34
			Demolition	485.00 x	2.46 x	1.2018 =	\$1,433.87
Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Excludes new material.							
62	32 14 16 00-0002	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$2,005.08		
				Quantity	Unit Price	Factor	Total
			Installation	485.00 x	3.44 x	1.2018 =	\$2,005.08
Contractors Note:							
63	32 14 16 00-0002	0132	SF	For Quantities > 100 To 500, Add	\$542.07		
				Quantity	Unit Price	Factor	Total
			Installation	485.00 x	0.93 x	1.2018 =	\$542.07
Contractors Note:							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
East Ramp - North Tunnel							
64	32 14 16 00-0003		SF	4" x 8" x 2-1/4" Brick, Laid On Edge	\$3,441.11		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	12.26 x	1.2018 =	\$2,799.47
			Demolition	190.00 x	2.81 x	1.2018 =	\$641.64
Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Pavers on the perimeter or each ramp are laid on edge. Excludes new material.							
65	32 14 16 00-0003	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$1,358.63		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	5.95 x	1.2018 =	\$1,358.63
Contractors Note:							
66	32 14 16 00-0003	0132	SF	For Quantities > 100 To 500, Add	\$269.44		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	1.18 x	1.2018 =	\$269.44
Contractors Note:							
67	32 16 13 13-0001		LF	6" x 12" Concrete Gutter With 6" Curb And Face - Straight	\$1,069.72		
				Quantity	Unit Price	Factor	Total
			Installation	45.00 x	19.78 x	1.2018 =	\$1,069.72
Contractors Note: Furnish and install new concrete curb 6"x12" at east tunnel - north ramp. Line item excludes concrete pumping equipment							
68	32 16 13 13-0001	0099	LF	For Quantities > 20 To 50, Add	\$409.93		
				Quantity	Unit Price	Factor	Total
			Installation	45.00 x	7.58 x	1.2018 =	\$409.93
Contractors Note:							
Subtotal for East Ramp - North Tunnel:					\$44,437.92		
East Ramp - South Tunnel							
69	01 22 23 00-0147		DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	\$2,956.43		
				Quantity	Unit Price	Factor	Total
			Installation	3.00 x	820.00 x	1.2018 =	\$2,956.43
Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at the east ramp - south tunnel.							
70	01 22 23 00-0162		DAY	Backhoe Attachment For Skid-Steer Loaders	\$602.94		
				Quantity	Unit Price	Factor	Total
			Installation	5.00 x	100.34 x	1.2018 =	\$602.94
Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at east ramp - south tunnel.							
71	01 22 23 00-0527		WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	\$9,211.63		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	3,832.43 x	1.2018 =	\$9,211.63
Contractors Note: Equipment used to haul removed pavers to pallet and then used to bring pavers back to East Ramp - South Tunnel to be reinstalled.							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
East Ramp - South Tunnel					
72	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				2.00 x 201.32 x 1.2018 =	\$483.89
				Contractors Note: Mobilize / demobilize bobcat.	
73	01 71 13 00-0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with > 40' boom lengths, etc.	\$1,935.52
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				4.00 x 402.63 x 1.2018 =	\$1,935.52
				Contractors Note: Mobilize / demobilize equipment including but not limited to bobcat(s), concrete pump truck and loader for east ramp - south tunnel.	
74	01 74 13 00-0003		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$330.11
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				14.00 x 19.62 x 1.2018 =	\$330.11
				Contractors Note: Load concrete debris from east ramp - south tunnel. into dumpster.	
75	01 74 19 00-0013		EA	20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$459.33
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 382.20 x 1.2018 =	\$459.33
				Contractors Note: Dumpster for concrete and construction debris at the east ramp - south tunnel.	
76	02 41 19 13-0003		SF	Remove Brick Flooring And Salvage	\$1,646.77
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				675.00 x 2.03 x 1.2018 =	\$1,646.77
				Contractors Note: Assist in removing / loading pavers onto pallet once they are removed.	
77	02 41 19 13-0089		EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$612.03
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 509.26 x 1.2018 =	\$612.03
				Contractors Note: Minimum sawcut charge at east ramp - south tunnel.	
78	02 41 19 13-0259		SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Light Reinforced, Slab On Grade	\$5,676.82
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				140.00 x 33.74 x 1.2018 =	\$5,676.82
				Contractors Note: Remove and dispose of existing concrete curb. Curb to be cut into pieces and hauled by buggy to dumpster at the east ramp - south tunnel.	

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
East Ramp - South Tunnel							
79	03 11 13 00-0007		SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	\$4,000.19		
				Quantity	Unit Price	Factor	Total
			Installation	350.00 x	9.51 x	1.2018 =	\$4,000.19
Contractors Note: Formwork required for furnishing and install new concrete curb at the east ramp - south tunnel.							
80	03 11 13 00-0007	0001	SF	For Quantities < 1000, Add	\$757.13		
				Quantity	Unit Price	Factor	Total
			Installation	350.00 x	1.80 x	1.2018 =	\$757.13
Contractors Note:							
81	03 21 13 00-0004		TON	Grade 50 Reinforcing Steel, Footings And Slabs, #3-#6	\$327.36		
				Quantity	Unit Price	Factor	Total
			Installation	0.10 x	2,723.94 x	1.2018 =	\$327.36
Contractors Note: Furnish and install new #5 rebar at the east ramp - south tunnel							
82	03 21 13 00-0004	0021	TON	For Epoxy Coated, Add	\$105.68		
				Quantity	Unit Price	Factor	Total
			Installation	0.10 x	879.36 x	1.2018 =	\$105.68
Contractors Note:							
83	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$301.65		
				Quantity	Unit Price	Factor	Total
			Installation	10.00 x	25.10 x	1.2018 =	\$301.65
Contractors Note: Buggy utilized to haul concrete debris from east ramp - south tunnel to truck or dumpster.							
84	03 31 13 00-0092		CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY	\$108.16		
				Quantity	Unit Price	Factor	Total
			Installation	6.00 x	15.00 x	1.2018 =	\$108.16
Contractors Note: Small concrete delivery upcharge for east ramp - south tunnel.							
85	03 35 16 00-0005		SF	Concrete Floor Finishes, Steel Trowel	\$233.87		
				Quantity	Unit Price	Factor	Total
			Installation	140.00 x	1.39 x	1.2018 =	\$233.87
Contractors Note: Finish new concrete curb at east ramp - south tunnel.							
86	03 35 16 00-0005	0057	SF	For Quantities > 50 To 250 SF, Add	\$233.87		
				Quantity	Unit Price	Factor	Total
			Installation	140.00 x	1.39 x	1.2018 =	\$233.87
Contractors Note:							
87	09 01 60 00-0003		SF	Remove Setting Bed And Clean Area	\$2,944.71		
				Quantity	Unit Price	Factor	Total
			Installation	675.00 x	3.63 x	1.2018 =	\$2,944.71
Contractors Note: Remove existing sand bedding to ensure ramps are level.							
88	31 05 16 00-0003		CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	\$106.19		
				Quantity	Unit Price	Factor	Total
			Installation	4.00 x	22.09 x	1.2018 =	\$106.19
Contractors Note: Furnish and install new stone as required for new concrete curb at the east ramp - south tunnel.							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
East Ramp - South Tunnel					
89	31 05 16 00-0003	0052	CY	For Quantities Up To 10 (Up To 8 M3), Add	\$29.28
				Quantity	Unit Price
				Installation	Factor
				4.00 x	6.09 x
					1.2018 =
					Total
					\$29.28
				Contractors Note:	
90	31 23 36 00-0007		CY	Excavation By Hand Up To 1 On 4 Slope	\$745.72
				Quantity	Unit Price
				Installation	Factor
				10.00 x	62.05 x
					1.2018 =
					Total
					\$745.72
				Contractors Note: Excavate as required to install new curb at the east ramp - south tunnel.	
91	31 23 36 00-0057		LF	Fine Grading Of Curb And Gutter	\$180.03
				Quantity	Unit Price
				Installation	Factor
				140.00 x	1.07 x
					1.2018 =
					Total
					\$180.03
				Contractors Note: Fine grading new curb at the east ramp - south tunnel.	
92	32 14 11 00-0002		SF	1" To 2" Sand Bedding, Screeded	\$600.30
				Quantity	Unit Price
				Installation	Factor
				675.00 x	0.74 x
					1.2018 =
					Total
					\$600.30
				Contractors Note: Furnish and install additional sand bedding as required.	
93	32 14 16 00-0002		SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	\$6,493.21
				Quantity	Unit Price
				Installation	Factor
				485.00 x	8.68 x
					1.2018 =
				Demolition	Factor
				485.00 x	2.46 x
					1.2018 =
					Total
					\$5,059.34
					\$1,433.87
				Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Excludes new material.	
94	32 14 16 00-0002	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$2,005.08
				Quantity	Unit Price
				Installation	Factor
				485.00 x	3.44 x
					1.2018 =
					Total
					\$2,005.08
				Contractors Note:	
95	32 14 16 00-0002	0132	SF	For Quantities > 100 To 500, Add	\$542.07
				Quantity	Unit Price
				Installation	Factor
				485.00 x	0.93 x
					1.2018 =
					Total
					\$542.07
				Contractors Note:	
96	32 14 16 00-0003		SF	4" x 8" x 2-1/4" Brick, Laid On Edge	\$3,441.11
				Quantity	Unit Price
				Installation	Factor
				190.00 x	12.26 x
					1.2018 =
				Demolition	Factor
				190.00 x	2.81 x
					1.2018 =
					Total
					\$2,799.47
					\$641.64
				Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Pavers on the perimeter or each ramp are laid on edge. Excludes new material.	
97	32 14 16 00-0003	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$1,358.63
				Quantity	Unit Price
				Installation	Factor
				190.00 x	5.95 x
					1.2018 =
					Total
					\$1,358.63
				Contractors Note:	
98	32 14 16 00-0003	0132	SF	For Quantities > 100 To 500, Add	\$269.44
				Quantity	Unit Price
				Installation	Factor
				190.00 x	1.18 x
					1.2018 =
					Total
					\$269.44
				Contractors Note:	

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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East Ramp - South Tunnel

99	32 16 13 13-0001		LF	6" x 12" Concrete Gutter With 6" Curb And Face - Straight	\$3,328.02		
				Quantity	Unit Price	Factor	Total
			Installation	140.00	x 19.78	x 1.2018	= \$3,328.02
<p>Contractors Note: Furnish and install new concrete curb 6"x12" at east tunnel - south tunnel. Line item excludes concrete pumping equipment.</p>							

Subtotal for East Ramp - South Tunnel: \$52,027.17

Main Staircase

100	01 22 23 00-0527		WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	\$9,211.63		
				Quantity	Unit Price	Factor	Total
			Installation	2.00	x 3,832.43	x 1.2018	= \$9,211.63
<p>Contractors Note: Equipment used to haul removed pavers on pallet and then used to bring pavers back to the main staircase entrance and adjacent small staircase entrance for reinstalled.</p>							

101	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89		
				Quantity	Unit Price	Factor	Total
			Installation	2.00	x 201.32	x 1.2018	= \$483.89
<p>Contractors Note: Mobilize and demobilize concrete equipment at the main staircase and adjacent small staircase entrance</p>							

102	01 74 13 00-0003		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$1,178.97		
				Quantity	Unit Price	Factor	Total
			Installation	50.00	x 19.62	x 1.2018	= \$1,178.97
<p>Contractors Note: Load spoils into truck or dumpster at the main entrance and adjacent small entrance staircase</p>							

103	01 74 19 00-0013		EA	20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$459.33		
				Quantity	Unit Price	Factor	Total
			Installation	1.00	x 382.20	x 1.2018	= \$459.33
<p>Contractors Note: Construction debris at the main entrance</p>							

104	02 41 19 13-0003		SF	Remove Brick Flooring And Salvage	\$1,061.25		
				Quantity	Unit Price	Factor	Total
			Installation	435.00	x 2.03	x 1.2018	= \$1,061.25
<p>Contractors Note: Assist in removing / loading pavers onto pallet once they are removed.</p>							

105	02 41 19 13-0089		EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$612.03		
				Quantity	Unit Price	Factor	Total
			Installation	1.00	x 509.26	x 1.2018	= \$612.03
<p>Contractors Note: Minimum sawcut charge at main staircase and adjacent small entrance staircase</p>							

106	02 41 19 13-0214		IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	\$670.60		
				Quantity	Unit Price	Factor	Total
			Installation	186.00	x 3.00	x 1.2018	= \$670.60
<p>Contractors Note: Drill into existing concrete slab to install dowels at the main staircase and the adjacent small entrance staircase.</p>							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Main Staircase							
107	02 41 19 13-0261		SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Bar Reinforced, Slab On Grade	\$17,197.76		
				Quantity	Unit Price	Factor	Total
			Installation	375.00	x 38.16	x 1.2018	= \$17,197.76
			Contractors Note: Sawcut existing concrete at main staircase into pieces small enough to haul by hand / concrete buggy to the dumpster.				
108	03 01 30 71-0016		LF	Epoxy Injection, Over 1/4" Wide	\$1,282.32		
				Quantity	Unit Price	Factor	Total
			Installation	20.00	x 53.35	x 1.2018	= \$1,282.32
			Contractors Note: Epoxy injection for new dowels at the main entrance and the adjacent small entrance staircase.				
109	03 11 13 00-0007		SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	\$1,828.66		
				Quantity	Unit Price	Factor	Total
			Installation	160.00	x 9.51	x 1.2018	= \$1,828.66
			Contractors Note: Formwork for new main staircase foundation footings, walls and frost walls.				
110	03 11 13 00-0007	0001	SF	For Quantities < 1000, Add	\$346.12		
				Quantity	Unit Price	Factor	Total
			Installation	160.00	x 1.80	x 1.2018	= \$346.12
			Contractors Note:				
111	03 11 23 00-0002		SF	Cast On Grade Stairway Wood Formwork	\$3,937.10		
				Quantity	Unit Price	Factor	Total
			Installation	240.00	x 13.65	x 1.2018	= \$3,937.10
			Contractors Note: Formwork required on both sides of new main staircase and at each rise/run. Including small staircase entrance.				
112	03 11 23 00-0002	0008	SF	For Quantities < 1000, Add	\$767.23		
				Quantity	Unit Price	Factor	Total
			Installation	240.00	x 2.66	x 1.2018	= \$767.23
			Contractors Note:				
113	03 21 13 00-0006		TON	Grade 60 Reinforcing Steel, Footings And Slabs, #3-#6	\$2,660.95		
				Quantity	Unit Price	Factor	Total
			Installation	0.80	x 2,767.67	x 1.2018	= \$2,660.95
			Contractors Note: Furnish and install required rebar for the main staircase including small staircase entrance.				
114	03 21 13 00-0006	0021	TON	For Epoxy Coated, Add	\$877.15		
				Quantity	Unit Price	Factor	Total
			Installation	0.80	x 912.33	x 1.2018	= \$877.15
			Contractors Note:				
115	03 21 13 00-0026		EA	Straight Dowels, 5/8" Diameter x 24" Long (16 mm Diameter x 61 cm Long), Deformed	\$85.93		
				Quantity	Unit Price	Factor	Total
			Installation	25.00	x 2.86	x 1.2018	= \$85.93
			Contractors Note: Furnish and install new dowels to tie new staircase landing into existing concrete				
116	03 31 13 00-0034		CY	Direct Chute, Place 3000 PSI On Grade Concrete Stairs	\$7,953.48		
				Quantity	Unit Price	Factor	Total
			Installation	27.00	x 245.11	x 1.2018	= \$7,953.48
			Contractors Note: Furnish and install new concrete for the main staircase and adjacent small entrance staircase.				

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
Main Staircase					
117	03 31 13 00-0034	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$288.79
				Quantity	Unit Price
				Installation 27.00 x	8.90 x
					Factor 1.2018 =
					Total \$288.79
Contractors Note:					
118	03 31 13 00-0034	0047	CY	For Quantities > 20 To 50, Add	\$689.21
				Quantity	Unit Price
				Installation 27.00 x	21.24 x
					Factor 1.2018 =
					Total \$689.21
Contractors Note:					
119	03 31 13 00-0062		CY	12" Thick, By Direct Chute, Place 3000 PSI Concrete Walls	\$3,984.21
				Quantity	Unit Price
				Installation 20.00 x	165.76 x
					Factor 1.2018 =
					Total \$3,984.21
Contractors Note: Furnish and install new concrete at foundation footings, foundation walls and frost walls at the main staircase and the adjacent small entrance staircase					
120	03 31 13 00-0062	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$213.92
				Quantity	Unit Price
				Installation 20.00 x	8.90 x
					Factor 1.2018 =
					Total \$213.92
Contractors Note:					
121	03 31 13 00-0062	0051	CY	For Quantities Up To 20, Add	\$598.50
				Quantity	Unit Price
				Installation 20.00 x	24.90 x
					Factor 1.2018 =
					Total \$598.50
Contractors Note:					
122	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$1,508.26
				Quantity	Unit Price
				Installation 50.00 x	25.10 x
					Factor 1.2018 =
					Total \$1,508.26
Contractors Note: Buggy utilized to haul new and demolished concrete at the main staircase and adjacent small entrance staircase					
123	03 35 16 00-0005		SF	Concrete Floor Finishes, Steel Trowel	\$626.44
				Quantity	Unit Price
				Installation 375.00 x	1.39 x
					Factor 1.2018 =
					Total \$626.44
Contractors Note: Finish new concrete stairs.					
124	09 01 60 00-0003		SF	Remove Setting Bed And Clean Area	\$1,897.70
				Quantity	Unit Price
				Installation 435.00 x	3.63 x
					Factor 1.2018 =
					Total \$1,897.70
Contractors Note: Remove existing sand bedding					
125	31 05 16 00-0003		CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	\$663.69
				Quantity	Unit Price
				Installation 25.00 x	22.09 x
					Factor 1.2018 =
					Total \$663.69
Contractors Note: Furnish and install new aggregate for concrete stairs					
126	31 05 16 00-0003	0053	CY	For Quantities > 10 To 25 (> 8 To 19 M3), Add	\$66.40
				Quantity	Unit Price
				Installation 25.00 x	2.21 x
					Factor 1.2018 =
					Total \$66.40
Contractors Note:					

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Main Staircase							
127	31 23 36 00-0007		CY	Excavation By Hand Up To 1 On 4 Slope	\$2,610.01		
				Quantity	Unit Price	Factor	Total
				Installation 35.00 x	62.05 x	1.2018 =	\$2,610.01
Contractors Note: Excavate existing spoils in order to install new staircase foundation footings, walls and frost walls and the main staircase and the adjacent small entrance staircase.							
128	32 14 11 00-0002		SF	1" To 2" Sand Bedding, Screeded	\$386.86		
				Quantity	Unit Price	Factor	Total
				Installation 435.00 x	0.74 x	1.2018 =	\$386.86
Contractors Note: Furnish and install additional sand bedding as required.							
129	32 14 11 00-0002	0132	SF	For Quantities > 100 To 500, Add	\$52.28		
				Quantity	Unit Price	Factor	Total
				Installation 435.00 x	0.10 x	1.2018 =	\$52.28
Contractors Note:							
130	32 14 16 00-0002		SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	\$2,756.93		
				Quantity	Unit Price	Factor	Total
				Installation 310.00 x	4.94 x	1.2018 =	\$1,840.44
				Demolition 310.00 x	2.46 x	1.2018 =	\$916.49
Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Excludes new material.							
131	32 14 16 00-0002	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$1,281.60		
				Quantity	Unit Price	Factor	Total
				Installation 310.00 x	3.44 x	1.2018 =	\$1,281.60
Contractors Note:							
132	32 14 16 00-0002	0132	SF	For Quantities > 100 To 500, Add	\$346.48		
				Quantity	Unit Price	Factor	Total
				Installation 310.00 x	0.93 x	1.2018 =	\$346.48
Contractors Note:							
133	32 14 16 00-0003		SF	4" x 8" x 2-1/4" Brick, Laid On Edge	\$1,266.40		
				Quantity	Unit Price	Factor	Total
				Installation 125.00 x	5.62 x	1.2018 =	\$844.26
				Demolition 125.00 x	2.81 x	1.2018 =	\$422.13
Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Pavers on the perimeter or each ramp are laid on edge. Excludes new material.							
134	32 14 16 00-0003	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$893.84		
				Quantity	Unit Price	Factor	Total
				Installation 125.00 x	5.95 x	1.2018 =	\$893.84
Contractors Note:							
135	32 14 16 00-0003	0132	SF	For Quantities > 100 To 500, Add	\$177.27		
				Quantity	Unit Price	Factor	Total
				Installation 125.00 x	1.18 x	1.2018 =	\$177.27
Contractors Note:							

Subtotal for Main Staircase: \$70,923.19

Payment and Performance Bonds

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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Payment and Performance Bonds

136	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.	\$10,020.00
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	Quantity		Unit Price		Factor		Total
Installation	10,020.00	x	1.00	x	1.0000	=	\$10,020.00

Contractors Note: Provide a payment and performance bond for all work.

Subtotal for Payment and Performance Bonds: \$10,020.00

Railings

137	01 71 13 00-0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with > 40' boom lengths, etc.	\$1,935.52
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	Quantity		Unit Price		Factor		Total
Installation	4.00	x	402.63	x	1.2018	=	\$1,935.52

Contractors Note: Due to site logistics, line item is to mobilize and demobilize materials, equipment, tools, etc. for four (4) phases.

138	02 41 19 13-0094		EA	Drill 3" (76 mm) Diameter Core In 4" (10 cm) Concrete	\$39,871.97
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Excludes Material

	Quantity		Unit Price		Factor		Total
Installation	639.00	x	51.92	x	1.2018	=	\$39,871.97

Contractors Note: 2 1/2" diameter core in new concrete slab / curb to install refurbished slotted railing posts. Spacing figured 3' O.C. Some locations are 1' O.C and other locations are 3'11" O.C. Excludes material.

139	03 01 30 71-0015		LF	Epoxy Injection, Up To 1/4" Wide	\$30,426.19
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Excludes Material

	Quantity		Unit Price		Factor		Total
Installation	639.00	x	39.62	x	1.2018	=	\$30,426.19

Contractors Note: Furnish and install epoxy base once railing posts are installed. Minimum of 6" embedment. Excludes material.

140	05 12 23 00-0122		EA	> 15 Spot Weldings, Welds Up To 1" Length Each	\$1,653.08
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Excludes Material

	Quantity		Unit Price		Factor		Total
Installation	175.00	x	7.86	x	1.2018	=	\$1,653.08

Contractors Note: 175 field weld figured once railings are installed. Each weld will be touched up with appropriate paint to match the existing. Excludes material.

141	05 12 23 00-0122	0007	EA	For Aluminum Welding, Add	\$292.34
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	Quantity		Unit Price		Factor		Total
Installation	175.00	x	1.39	x	1.2018	=	\$292.34

Contractors Note:

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec# CSI Number Mod. UOM Description Line Total

Railings

142 05 12 23 00-0170 SI Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface after torch cutting. \$5,278.31

Excludes Material		Quantity		Unit Price		Factor		Total
	Installation	7,200.00	x	0.61	x	1.2018	=	\$5,278.31

Contractors Note: grind railings to remove posts and railings throughout. Excludes material.

143 05 52 00 00-0001 LS Powdercoated Silver Steel Railings \$282,134.85

NPP Task		Quantity		Unit Price		Factor		Total
	Installation	1.00	x	288,899.86	x	1.0500	=	\$282,134.85

Contractors Note: Furnish and deliver new steel powdercoated silver railings to match existing as close as possible. NPP line item includes all necessary railing materials including but not limited to railings, handrail, escutcheon plates, bolts, etc.

144 05 52 13 00-0005 LF 2" Diameter (51 mm) Welded Pipe Handrail, 2 Rail, Up To 42" High (1.07 m) With Shop Paint \$10,202.80

Excludes Material		Quantity		Unit Price		Factor		Total
	Installation	320.00	x	17.69	x	1.2018	=	\$6,803.15
	Demolition	320.00	x	8.84	x	1.2018	=	\$3,399.65

Contractors Note: New railing extensions required to ensure proper installation into existing concrete slab (below pavers). 6" extensions figured on 639 posts. Excludes material.

145 05 52 13 00-0005 LF 2" Diameter (51 mm) Welded Pipe Handrail, 2 Rail, Up To 42" High (1.07 m) With Shop Paint \$59,271.90

Excludes Material		Quantity		Unit Price		Factor		Total
	Installation	1,859.00	x	17.69	x	1.2018	=	\$39,522.05
	Demolition	1,859.00	x	8.84	x	1.2018	=	\$19,749.85

Contractors Note: Replace railings throughout. Excludes material.

146 05 73 00 00-0016 LF Refinish Metal Handrail \$21,866.33

Excludes Material		Quantity		Unit Price		Factor		Total
	Installation	2,179.00	x	8.35	x	1.2018	=	\$21,866.33

Contractors Note: Line item used for powder coating new railings. Excludes material.

147 07 92 00 00-0023 CLF 3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking \$6,038.28

Excludes Material		Quantity		Unit Price		Factor		Total
	Installation	11.00	x	304.49	x	1.2018	=	\$4,025.30
	Demolition	11.00	x	152.27	x	1.2018	=	\$2,012.98

Contractors Note: Continuous sealant around slotted railing posts once epoxy base is installed. Excludes material.

Subtotal for Railings: \$458,971.57

Stair Repairs

148 02 41 13 13-0040 EA Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard) Note: For each location up to 5' wide, feather up to 12" each direction \$2,558.61

	Quantity		Unit Price		Factor		Total
Installation	14.00	x	152.07	x	1.2018	=	\$2,558.61

Contractors Note: Grind existing staircases prior to patching at 27 separate locations. Line item figures half of the stair quantity.

149 02 41 13 13-0040 0058 EA For > 1" To 1-1/2" Depth Of Grinding, Add \$616.85

	Quantity		Unit Price		Factor		Total
Installation	13.50	x	38.02	x	1.2018	=	\$616.85

Contractors Note:

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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Stair Repairs

150	03 01 30 71-0028	EA		Patch Up To 16 SF Of Decks Or Floors, Portland Cement Based Repair Material	\$26,965.08			
				Quantity	Unit Price	Factor	Total	
		Installation	14.00	x	1,602.66	x	1.2018 =	\$26,965.08

Contractors Note: Patch existing staircase at 27 separate locations. Line item figures half of the stair quantity.

Subtotal for Stair Repairs: \$30,140.54

Staircase #1

151	01 22 23 00-0147	DAY		700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	\$4,927.38			
				Quantity	Unit Price	Factor	Total	
		Installation	5.00	x	820.00	x	1.2018 =	\$4,927.38

Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at staircase #1

152	01 22 23 00-0162	DAY		Backhoe Attachment For Skid-Steer Loaders	\$602.94			
				Quantity	Unit Price	Factor	Total	
		Installation	5.00	x	100.34	x	1.2018 =	\$602.94

Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at staircase #1

153	01 22 23 00-0404	EA		Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up	\$861.40			
				Quantity	Unit Price	Factor	Total	
		Installation	1.00	x	716.76	x	1.2018 =	\$861.40

Contractors Note: Generator onsite for field welding

154	01 22 23 00-0734	DAY		3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	\$2,222.87			
				Quantity	Unit Price	Factor	Total	
		Installation	2.00	x	924.81	x	1.2018 =	\$2,222.87

Contractors Note: Flat bed truck utilized to haul and dispose old railings from jobsite and to deliver new railings to jobsite.

155	01 55 26 00-0010	CLF		Safety Tape For Area Isolation	\$22.91			
				Quantity	Unit Price	Factor	Total	
		Installation	2.00	x	9.53	x	1.2018 =	\$22.91

Contractors Note: Caution tape to isolate construction work zone

156	01 55 26 00-0031	MO		Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	\$123.67			
				Quantity	Unit Price	Factor	Total	
		Installation	6.00	x	17.15	x	1.2018 =	\$123.67

Contractors Note: Barricade rental cost for 6 barricades. 6 barricades x 1 month each = 6

157	01 55 26 00-0105	EA		Place And Remove > 250 Cones By Hand From Roadside	\$194.69			
				Quantity	Unit Price	Factor	Total	
		Installation	120.00	x	1.35	x	1.2018 =	\$194.69

Contractors Note: Remove and place type II barricades. 6 barricades x 20 work days = 120

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Staircase #1							
158	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89		
				Quantity	Unit Price	Factor	Total
			Installation	2.00	x 201.32	x 1.2018	= \$483.89
Contractors Note: Due to site restrictions (public use), the removal and reinstallation of the handrails are required to be performed in multiple phases							
159	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89		
				Quantity	Unit Price	Factor	Total
			Installation	2.00	x 201.32	x 1.2018	= \$483.89
Contractors Note: Mobilize and demobilize landscape roto-tiller and landscaper bobcat for repairs.							
160	01 71 13 00-0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with > 40' boom lengths, etc.	\$967.76		
				Quantity	Unit Price	Factor	Total
			Installation	2.00	x 402.63	x 1.2018	= \$967.76
Contractors Note: Mobilize / demobilize backhoe staircase staircase #1							
161	01 74 13 00-0003		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$990.33		
				Quantity	Unit Price	Factor	Total
			Installation	42.00	x 19.62	x 1.2018	= \$990.33
Contractors Note: Load spoils into truck							
162	01 74 19 00-0013		EA	20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee Non-hazardous material.	\$459.33		
				Quantity	Unit Price	Factor	Total
			Installation	1.00	x 382.20	x 1.2018	= \$459.33
Contractors Note: Construction debris.							
163	01 74 19 00-0025		CY	Dump Fee, Excavated Dirt	\$446.20		
				Quantity	Unit Price	Factor	Total
			Installation	42.00	x 8.84	x 1.2018	= \$446.20
Contractors Note: Dump fee for excavated spoils							
164	02 41 19 13-0089		EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$612.03		
				Quantity	Unit Price	Factor	Total
			Installation	1.00	x 509.26	x 1.2018	= \$612.03
Contractors Note: Minimum sawcut charge at staircase #1							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total			
Staircase #1								
165	02 41 19 13-0214		IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	\$670.60			
				Quantity	Unit Price	Factor	Total	
				Installation	186.00 x	3.00 x	1.2018 =	\$670.60
Contractors Note: Dill into existing concrete slab to install dowels								
166	02 41 19 13-0261		SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Bar Reinforced, Slab On Grade	\$3,531.27			
				Quantity	Unit Price	Factor	Total	
				Installation	77.00 x	38.16 x	1.2018 =	\$3,531.27
Contractors Note: Sawcut existing concrete stair #1 into pieces small enough to haul by hand / concrete buggy to the dumpster.								
167	03 01 30 71-0016		LF	Epoxy Injection, Over 1/4" Wide	\$1,282.32			
				Quantity	Unit Price	Factor	Total	
				Installation	20.00 x	53.35 x	1.2018 =	\$1,282.32
Contractors Note: Epoxy injection for new dowels at staircase #1								
168	03 11 13 00-0007		SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	\$2,800.13			
				Quantity	Unit Price	Factor	Total	
				Installation	245.00 x	9.51 x	1.2018 =	\$2,800.13
Contractors Note: Formwork for new staircase foundation footings, walls and frost walls.								
169	03 11 23 00-0002		SF	Cast On Grade Stairway Wood Formwork	\$902.25			
				Quantity	Unit Price	Factor	Total	
				Installation	55.00 x	13.65 x	1.2018 =	\$902.25
Contractors Note: Formwork required on both sides of new staircase #1 and at each rise/run.								
170	03 11 23 00-0002	0008	SF	For Quantities < 1000, Add	\$175.82			
				Quantity	Unit Price	Factor	Total	
				Installation	55.00 x	2.66 x	1.2018 =	\$175.82
Contractors Note:								
171	03 21 13 00-0006		TON	Grade 60 Reinforcing Steel, Footings And Slabs, #3-#6	\$1,995.71			
				Quantity	Unit Price	Factor	Total	
				Installation	0.60 x	2,767.67 x	1.2018 =	\$1,995.71
Contractors Note: Furnish and install required rebar for stair #1.								
172	03 21 13 00-0006	0021	TON	For Epoxy Coated, Add	\$657.86			
				Quantity	Unit Price	Factor	Total	
				Installation	0.60 x	912.33 x	1.2018 =	\$657.86
Contractors Note:								
173	03 21 13 00-0026		EA	Straight Dowels, 5/8" Diameter x 24" Long (16 mm Diameter x 61 cm Long), Deformed	\$85.93			
				Quantity	Unit Price	Factor	Total	
				Installation	25.00 x	2.86 x	1.2018 =	\$85.93
Contractors Note: Furnish and install new dowels to tie new staircase landing into existing concrete								
174	03 21 13 00-0047		EA	Reinforcing Bar Weld Splicing, #3 To #6	\$533.38			
				Quantity	Unit Price	Factor	Total	
				Installation	13.00 x	34.14 x	1.2018 =	\$533.38
Contractors Note: Weld splice rebar in stair #1 due to the width of the stairs.								

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Staircase #1							
175	03 31 13 00-0034		CY	Direct Chute, Place 3000 PSI On Grade Concrete Stairs	\$7,364.33		
				Quantity	Unit Price	Factor	Total
				Installation	25.00 x 245.11	x 1.2018 =	\$7,364.33
Contractors Note: Furnish and install new concrete for stair #1.							
176	03 31 13 00-0034	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$267.40		
				Quantity	Unit Price	Factor	Total
				Installation	25.00 x 8.90	x 1.2018 =	\$267.40
Contractors Note:							
177	03 31 13 00-0034	0047	CY	For Quantities > 20 To 50, Add	\$638.16		
				Quantity	Unit Price	Factor	Total
				Installation	25.00 x 21.24	x 1.2018 =	\$638.16
Contractors Note:							
178	03 31 13 00-0062		CY	12" Thick, By Direct Chute, Place 3000 PSI Concrete Walls	\$3,585.79		
				Quantity	Unit Price	Factor	Total
				Installation	18.00 x 165.76	x 1.2018 =	\$3,585.79
Contractors Note: Furnish and install new concrete at 3 foundation footings, 3 foundation walls and 2 frost walls at staircase #1							
179	03 31 13 00-0062	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$192.53		
				Quantity	Unit Price	Factor	Total
				Installation	18.00 x 8.90	x 1.2018 =	\$192.53
Contractors Note:							
180	03 31 13 00-0062	0051	CY	For Quantities Up To 20, Add	\$538.65		
				Quantity	Unit Price	Factor	Total
				Installation	18.00 x 24.90	x 1.2018 =	\$538.65
Contractors Note:							
181	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$1,508.26		
				Quantity	Unit Price	Factor	Total
				Installation	50.00 x 25.10	x 1.2018 =	\$1,508.26
Contractors Note: Buggy utilized to haul new and demolished concrete at stair #1							
182	03 35 16 00-0005		SF	Concrete Floor Finishes, Steel Trowel	\$317.40		
				Quantity	Unit Price	Factor	Total
				Installation	190.00 x 1.39	x 1.2018 =	\$317.40
Contractors Note: Finish new concrete stairs.							
183	03 35 16 00-0005	0057	SF	For Quantities > 50 To 250 SF, Add	\$317.40		
				Quantity	Unit Price	Factor	Total
				Installation	190.00 x 1.39	x 1.2018 =	\$317.40
Contractors Note:							
184	05 12 23 00-0170		SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface after torch cutting.	\$31.25		
				Quantity	Unit Price	Factor	Total
				Installation	40.00 x 0.65	x 1.2018 =	\$31.25
Contractors Note: grind railings to remove posts and railings throughout							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
Staircase #1					
185	31 05 16 00-0003		CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	\$663.69
				Quantity	Unit Price
				Installation	25.00 x 22.09 x 1.2018 =
					Total \$663.69
				Contractors Note: Furnish and install new aggregate for concrete stairs.	
186	31 05 16 00-0003	0053	CY	For Quantities > 10 To 25 (> 8 To 19 M3), Add	\$66.40
				Quantity	Unit Price
				Installation	25.00 x 2.21 x 1.2018 =
					Total \$66.40
				Contractors Note:	
187	31 23 36 00-0007		CY	Excavation By Hand Up To 1 On 4 Slope	\$2,610.01
				Quantity	Unit Price
				Installation	35.00 x 62.05 x 1.2018 =
					Total \$2,610.01
				Contractors Note: Excavate existing spoils in order to install new staircase foundation footings, walls and frost walls	
188	31 23 36 00-0045		TON	Grade And Compact Sub-base Stone (0-500 Ton) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	\$246.56
				Quantity	Unit Price
				Installation	46.00 x 4.46 x 1.2018 =
					Total \$246.56
				Contractors Note: Grade and compact new CA-7 stone fill at staircase #1	
189	31 23 36 00-0056		SY	Fine Grading Of Landscaped And Green Areas	\$81.79
				Quantity	Unit Price
				Installation	166.00 x 0.41 x 1.2018 =
					Total \$81.79
				Contractors Note: Fine grade restoration areas prior to sod install	
190	32 01 90 26-0002		MSF	Watering Sod/Grass, Per Inch Of Water	\$669.05
				Quantity	Unit Price
				Installation	21.00 x 26.51 x 1.2018 =
					Total \$669.05
				Contractors Note: Provide new sod watering	
191	32 91 13 36-0005		SY	Roll Topsoil With Machine	\$161.59
				Quantity	Unit Price
				Installation	166.00 x 0.81 x 1.2018 =
					Total \$161.59
				Contractors Note: Topsoil / sod rolling	
192	32 91 13 36-0014		SY	Up To 6" Deep Tilling Topsoil With Rototiller	\$169.57
				Quantity	Unit Price
				Installation	166.00 x 0.85 x 1.2018 =
					Total \$169.57
				Contractors Note: Tilling of restoration area for sod prep	
193	32 92 23 00-0013		MSF	Fescue Sod, 4,000 - 8,000 SF, On Level Ground	\$1,140.86
				Quantity	Unit Price
				Installation	1.50 x 632.86 x 1.2018 =
					Total \$1,140.86
				Contractors Note: Provide and place new sod at one staircase	

Subtotal for Staircase #1: \$46,605.25

Staircase #3

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total																
Staircase #3																					
194	01 22 23 00-0147		DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	\$4,927.38																
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Installation	Quantity		Unit Price		Factor		Total														
	5.00	x	820.00	x	1.2018	=	\$4,927.38														
				Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at staircase #3																	
195	01 22 23 00-0162		DAY	Backhoe Attachment For Skid-Steer Loaders	\$602.94																
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				Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at staircase #3																	
196	01 22 23 00-0404		EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up	\$861.40																
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Installation	Quantity		Unit Price		Factor		Total														
	1.00	x	716.76	x	1.2018	=	\$861.40														
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197	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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Installation	Quantity		Unit Price		Factor		Total														
	2.00	x	924.81	x	1.2018	=	\$2,222.87														
				Contractors Note: Flat bed truck utilized to haul and dispose old railings from jobsite and to deliver new railings to jobsite																	
198	01 55 26 00-0010		CLF	Safety Tape For Area Isolation	\$22.91																
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199	01 55 26 00-0031		MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	\$123.67																
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Installation	Quantity		Unit Price		Factor		Total														
	6.00	x	17.15	x	1.2018	=	\$123.67														
				Contractors Note: Rental cost for 6 barricades. 6 barricades x 1 month each = 6																	
200	01 55 26 00-0105		EA	Place And Remove > 250 Cones By Hand From Roadside	\$194.69																
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				Contractors Note: Remove and place type II barricades. 6 barricades x 20 work days = 120																	
201	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89																
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Installation	Quantity		Unit Price		Factor		Total														
	2.00	x	201.32	x	1.2018	=	\$483.89														
				Contractors Note: Mobilize and demobilize landscape roto-tiller and landscaper bobcat for repairs.																	
202	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89																
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Installation	Quantity		Unit Price		Factor		Total														
	2.00	x	201.32	x	1.2018	=	\$483.89														
				Contractors Note: Due to site restrictions (public use), the removal and reinstallation of the handrails are required to be performed in multiple phases																	

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Staircase #3							
203	01 71 13 00-0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with > 40' boom lengths, etc.	\$967.76		
				Quantity	Unit Price	Factor	Total
			Installation	2.00	402.63	1.2018	\$967.76
				x	x	=	
			Contractors Note: Mobilize / demobilize backhoe staircase staircase #3				
204	01 74 13 00-0003		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$990.33		
				Quantity	Unit Price	Factor	Total
			Installation	42.00	19.62	1.2018	\$990.33
				x	x	=	
			Contractors Note: Load spoils into truck				
205	01 74 19 00-0013		EA	20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$459.33		
				Quantity	Unit Price	Factor	Total
			Installation	1.00	382.20	1.2018	\$459.33
				x	x	=	
			Contractors Note: Construction debris.				
206	01 74 19 00-0025		CY	Dump Fee, Excavated Dirt	\$446.20		
				Quantity	Unit Price	Factor	Total
			Installation	42.00	8.84	1.2018	\$446.20
				x	x	=	
			Contractors Note: Dump fee for excavated spoils				
207	02 41 19 13-0089		EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$612.03		
				Quantity	Unit Price	Factor	Total
			Installation	1.00	509.26	1.2018	\$612.03
				x	x	=	
			Contractors Note: Minimum sawcut charge at staircase #3				
208	02 41 19 13-0214		IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	\$670.60		
				Quantity	Unit Price	Factor	Total
			Installation	186.00	3.00	1.2018	\$670.60
				x	x	=	
			Contractors Note: Dill into existing concrete slab to install dowels				
209	02 41 19 13-0261		SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Bar Reinforced, Slab On Grade	\$3,531.27		
				Quantity	Unit Price	Factor	Total
			Installation	77.00	38.16	1.2018	\$3,531.27
				x	x	=	
			Contractors Note: Sawcut existing concrete stair #3 into pieces small enough to haul by hand / concrete buggy to the dumpster.				
210	03 01 30 71-0016		LF	Epoxy Injection, Over 1/4" Wide	\$1,282.32		
				Quantity	Unit Price	Factor	Total
			Installation	20.00	53.35	1.2018	\$1,282.32
				x	x	=	
			Contractors Note: Epoxy injection for new dowels at staircase #3				

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Staircase #3							
211	03 11 13 00-0007		SF	Below Grade Walls Foundation Wood Formwork Note Excludes footing	\$2,800.13		
				Quantity	Unit Price	Factor	Total
			Installation	245.00 x	9.51 x	1.2018 =	\$2,800.13
Contractors Note: Formwork for new staircase foundation footings, walls and frost walls.							
212	03 11 23 00-0002		SF	Cast On Grade Stairway Wood Formwork	\$902.25		
				Quantity	Unit Price	Factor	Total
			Installation	55.00 x	13.65 x	1.2018 =	\$902.25
Contractors Note: Formwork required on both sides of new staircase #3 and at each rise/run.							
213	03 11 23 00-0002	0008	SF	For Quantities < 1000, Add	\$175.82		
				Quantity	Unit Price	Factor	Total
			Installation	55.00 x	2.66 x	1.2018 =	\$175.82
Contractors Note:							
214	03 21 13 00-0006		TON	Grade 60 Reinforcing Steel, Footings And Slabs, #3-#6	\$1,995.71		
				Quantity	Unit Price	Factor	Total
			Installation	0.60 x	2,767.67 x	1.2018 =	\$1,995.71
Contractors Note: Furnish and install required rebar for stair #3							
215	03 21 13 00-0006	0021	TON	For Epoxy Coated, Add	\$657.86		
				Quantity	Unit Price	Factor	Total
			Installation	0.60 x	912.33 x	1.2018 =	\$657.86
Contractors Note:							
216	03 21 13 00-0026		EA	Straight Dowels, 5/8" Diameter x 24" Long (16 mm Diameter x 61 cm Long), Deformed	\$85.93		
				Quantity	Unit Price	Factor	Total
			Installation	25.00 x	2.86 x	1.2018 =	\$85.93
Contractors Note: Furnish and install new dowels to tie new staircase landing into existing concrete							
217	03 21 13 00-0047		EA	Reinforcing Bar Weld Splicing, #3 To #6	\$533.38		
				Quantity	Unit Price	Factor	Total
			Installation	13.00 x	34.14 x	1.2018 =	\$533.38
Contractors Note: Weld splice rebar in stair #3 due to the width of the stairs							
218	03 31 13 00-0034		CY	Direct Chute, Place 3000 PSI On Grade Concrete Stairs	\$7,364.33		
				Quantity	Unit Price	Factor	Total
			Installation	25.00 x	245.11 x	1.2018 =	\$7,364.33
Contractors Note: Furnish and install new concrete for stair #3							
219	03 31 13 00-0034	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$267.40		
				Quantity	Unit Price	Factor	Total
			Installation	25.00 x	8.90 x	1.2018 =	\$267.40
Contractors Note:							
220	03 31 13 00-0034	0047	CY	For Quantities > 20 To 50, Add	\$638.16		
				Quantity	Unit Price	Factor	Total
			Installation	25.00 x	21.24 x	1.2018 =	\$638.16
Contractors Note:							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Staircase #3							
221	03 31 13 00-0062		CY	12" Thick, By Direct Chute, Place 3000 PSI Concrete Walls	\$3,585.79		
				Quantity	Unit Price	Factor	Total
			Installation	18.00 x	165.76 x	1.2018 =	\$3,585.79
Contractors Note: Furnish and install new concrete at 3 foundation footings, 3 foundation walls and 2 frost walls at staircase #3							
222	03 31 13 00-0062	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$192.53		
				Quantity	Unit Price	Factor	Total
			Installation	18.00 x	8.90 x	1.2018 =	\$192.53
Contractors Note:							
223	03 31 13 00-0062	0051	CY	For Quantities Up To 20, Add	\$538.65		
				Quantity	Unit Price	Factor	Total
			Installation	18.00 x	24.90 x	1.2018 =	\$538.65
Contractors Note:							
224	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$1,508.26		
				Quantity	Unit Price	Factor	Total
			Installation	50.00 x	25.10 x	1.2018 =	\$1,508.26
Contractors Note: Buggy utilized to haul new and demolished concrete at stair #3							
225	03 35 16 00-0005		SF	Concrete Floor Finishes, Steel Trowel	\$317.40		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	1.39 x	1.2018 =	\$317.40
Contractors Note: Finish new concrete stairs.							
226	03 35 16 00-0005	0057	SF	For Quantities > 50 To 250 SF, Add	\$317.40		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	1.39 x	1.2018 =	\$317.40
Contractors Note:							
227	05 12 23 00-0170		SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface after torch cutting.	\$31.25		
				Quantity	Unit Price	Factor	Total
			Installation	40.00 x	0.65 x	1.2018 =	\$31.25
Contractors Note: grind railings to remove posts and railings throughout							
228	31 05 16 00-0003		CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	\$663.69		
				Quantity	Unit Price	Factor	Total
			Installation	25.00 x	22.09 x	1.2018 =	\$663.69
Contractors Note: Furnish and install new aggregate for concrete stairs.							
229	31 05 16 00-0003	0053	CY	For Quantities > 10 To 25 (> 8 To 19 M3), Add	\$66.40		
				Quantity	Unit Price	Factor	Total
			Installation	25.00 x	2.21 x	1.2018 =	\$66.40
Contractors Note:							
230	31 23 36 00-0007		CY	Excavation By Hand Up To 1 On 4 Slope	\$2,610.01		
				Quantity	Unit Price	Factor	Total
			Installation	35.00 x	62.05 x	1.2018 =	\$2,610.01
Contractors Note: Excavate existing spoils in order to install new staircase foundation footings, walls and frost walls							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Staircase #3							
231	31 23 36 00-0045		TON	Grade And Compact Sub-base Stone (0-500 Ton) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	\$246.56		
				Quantity	Unit Price		
			Installation	46.00 x	4.46 x	Factor 1.2018 =	Total \$246.56
Contractors Note: Grade and compact new CA-7 stone fill at staircase #3							
232	31 23 36 00-0056		SY	Fine Grading Of Landscaped And Green Areas	\$81.79		
				Quantity	Unit Price		
			Installation	166.00 x	0.41 x	Factor 1.2018 =	Total \$81.79
Contractors Note: Fine grade restoration areas prior to sod install							
233	32 01 90 26-0002		MSF	Watering Sod/Grass, Per Inch Of Water	\$669.05		
				Quantity	Unit Price		
			Installation	21.00 x	26.51 x	Factor 1.2018 =	Total \$669.05
Contractors Note: Provide new sod watering							
234	32 91 13 36-0005		SY	Roll Topsoil With Machine	\$161.59		
				Quantity	Unit Price		
			Installation	166.00 x	0.81 x	Factor 1.2018 =	Total \$161.59
Contractors Note: Topsoil / sod rolling							
235	32 91 13 36-0014		SY	Up To 6" Deep Tilling Topsoil With Rototiller	\$169.57		
				Quantity	Unit Price		
			Installation	166.00 x	0.85 x	Factor 1.2018 =	Total \$169.57
Contractors Note: Tilling of restoration area for sod prep							
236	32 92 23 00-0013		MSF	Fescue Sod, 4,000 - 8,000 SF, On Level Ground	\$1,140.86		
				Quantity	Unit Price		
			Installation	1.50 x	632.86 x	Factor 1.2018 =	Total \$1,140.86
Contractors Note: Provide and place new sod at one staircase							
Subtotal for Staircase #3:					\$46,605.25		

Staircase #4							
237	01 22 23 00-0147		DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	\$4,927.38		
				Quantity	Unit Price		
			Installation	5.00 x	820.00 x	Factor 1.2018 =	Total \$4,927.38
Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at staircase #4							
238	01 22 23 00-0162		DAY	Backhoe Attachment For Skid-Steer Loaders	\$602.94		
				Quantity	Unit Price		
			Installation	5.00 x	100.34 x	Factor 1.2018 =	Total \$602.94
Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at staircase #4							
239	01 22 23 00-0404		EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up	\$861.40		
				Quantity	Unit Price		
			Installation	1.00 x	716.76 x	Factor 1.2018 =	Total \$861.40
Contractors Note: Generator onsite for field welding							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Staircase #4							
240	01 22 23 00-0734		DAY	3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	\$2,222.87		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	924.81 x	1.2018 =	\$2,222.87
Contractors Note: Flat bed truck utilized to haul and dispose old railings from jobsite and to deliver new railings to jobsite.							
241	01 55 26 00-0010		CLF	Safety Tape For Area Isolation	\$22.91		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	9.53 x	1.2018 =	\$22.91
Contractors Note: Caution tape to isolate work area.							
242	01 55 26 00-0031		MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	\$123.67		
				Quantity	Unit Price	Factor	Total
			Installation	6.00 x	17.15 x	1.2018 =	\$123.67
Contractors Note: rental cost for 6 barricades. 6 barricades x 1 month each = 6							
243	01 55 26 00-0105		EA	Place And Remove > 250 Cones By Hand From Roadside	\$194.69		
				Quantity	Unit Price	Factor	Total
			Installation	120.00 x	1.35 x	1.2018 =	\$194.69
Contractors Note: Remove and place type II barricades. 6 barricades x 20 work days = 120							
244	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	201.32 x	1.2018 =	\$483.89
Contractors Note: Mobilize and demobilize landscape roto-tiller and landscaper bobcat for repairs.							
245	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	201.32 x	1.2018 =	\$483.89
Contractors Note: Due to site restrictions (public use), the removal and reinstallation of the handrails are required to be performed in multiple phases							
246	01 71 13 00-0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with > 40' boom lengths, etc.	\$967.76		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	402.63 x	1.2018 =	\$967.76
Contractors Note: Mobilize / demobilize backhoe staircase staircase #4							
247	01 74 13 00-0003		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$990.33		
				Quantity	Unit Price	Factor	Total
			Installation	42.00 x	19.62 x	1.2018 =	\$990.33
Contractors Note: Load spoils into truck							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Staircase #4							
248	01 74 19 00-0013		EA	20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$459.33		
				Quantity	Unit Price	Factor	Total
			Installation	1.00 x	382.20 x	1.2018 =	\$459.33
			Contractors Note: Construction debris.				
249	01 74 19 00-0025		CY	Dump Fee, Excavated Dirt	\$446.20		
				Quantity	Unit Price	Factor	Total
			Installation	42.00 x	8.84 x	1.2018 =	\$446.20
			Contractors Note: Dump fee for excavated spoils				
250	02 41 19 13-0089		EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$612.03		
				Quantity	Unit Price	Factor	Total
			Installation	1.00 x	509.26 x	1.2018 =	\$612.03
			Contractors Note: Minimum sawcut charge at staircase #4				
251	02 41 19 13-0214		IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	\$670.60		
				Quantity	Unit Price	Factor	Total
			Installation	186.00 x	3.00 x	1.2018 =	\$670.60
			Contractors Note: Drill into existing concrete slab to install dowels				
252	02 41 19 13-0261		SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Bar Reinforced, Slab On Grade	\$3,531.27		
				Quantity	Unit Price	Factor	Total
			Installation	77.00 x	38.16 x	1.2018 =	\$3,531.27
			Contractors Note: Sawcut existing concrete stair #4 into pieces small enough to haul by hand / concrete buggy to the dumpster.				
253	03 01 30 71-0016		LF	Epoxy Injection, Over 1/4" Wide	\$1,282.32		
				Quantity	Unit Price	Factor	Total
			Installation	20.00 x	53.35 x	1.2018 =	\$1,282.32
			Contractors Note: Epoxy injection for new dowels at staircase #4				
254	03 11 13 00-0007		SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	\$2,800.13		
				Quantity	Unit Price	Factor	Total
			Installation	245.00 x	9.51 x	1.2018 =	\$2,800.13
			Contractors Note: Formwork for new staircase foundation footings, walls and frost walls.				
255	03 11 23 00-0002		SF	Cast On Grade Stairway Wood Formwork	\$902.25		
				Quantity	Unit Price	Factor	Total
			Installation	55.00 x	13.65 x	1.2018 =	\$902.25
			Contractors Note: Formwork required on both sides of new staircase #4 and at each rise/run.				
256	03 11 23 00-0002	0008	SF	For Quantities < 1000, Add	\$175.82		
				Quantity	Unit Price	Factor	Total
			Installation	55.00 x	2.66 x	1.2018 =	\$175.82
			Contractors Note:				

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
Staircase #4					
257	03 21 13 00-0006		TON	Grade 60 Reinforcing Steel, Footings And Slabs, #3-#6	\$1,995.71
				Quantity	Unit Price
			Installation	0.60 x	2,767.67 x
					Factor 1.2018 =
					Total \$1,995.71
			Contractors Note: Furnish and install required rebar for stair #4.		
258	03 21 13 00-0006	0021	TON	For Epoxy Coated, Add	\$657.86
				Quantity	Unit Price
			Installation	0.60 x	912.33 x
					Factor 1.2018 =
					Total \$657.86
			Contractors Note:		
259	03 21 13 00-0026		EA	Straight Dowels, 5/8" Diameter x 24" Long (16 mm Diameter x 61 cm Long), Deformed	\$85.93
				Quantity	Unit Price
			Installation	25.00 x	2.86 x
					Factor 1.2018 =
					Total \$85.93
			Contractors Note: Furnish and install new dowels to tie new staircase landing into existing concrete		
260	03 21 13 00-0047		EA	Reinforcing Bar Weld Splicing, #3 To #6	\$533.38
				Quantity	Unit Price
			Installation	13.00 x	34.14 x
					Factor 1.2018 =
					Total \$533.38
			Contractors Note: Weld splice rebar in stair #4 due to the width of the stairs.		
261	03 31 13 00-0034		CY	Direct Chute, Place 3000 PSI On Grade Concrete Stairs	\$7,364.33
				Quantity	Unit Price
			Installation	25.00 x	245.11 x
					Factor 1.2018 =
					Total \$7,364.33
			Contractors Note: Furnish and install new concrete for stair #4		
262	03 31 13 00-0034	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$267.40
				Quantity	Unit Price
			Installation	25.00 x	8.90 x
					Factor 1.2018 =
					Total \$267.40
			Contractors Note:		
263	03 31 13 00-0034	0047	CY	For Quantities > 20 To 50, Add	\$638.16
				Quantity	Unit Price
			Installation	25.00 x	21.24 x
					Factor 1.2018 =
					Total \$638.16
			Contractors Note:		
264	03 31 13 00-0062		CY	12" Thick, By Direct Chute, Place 3000 PSI Concrete Walls	\$3,585.79
				Quantity	Unit Price
			Installation	18.00 x	165.76 x
					Factor 1.2018 =
					Total \$3,585.79
			Contractors Note: Furnish and install new concrete at 3 foundation footings, 3 foundation walls and 2 frost walls at staircase #4		
265	03 31 13 00-0062	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$192.53
				Quantity	Unit Price
			Installation	18.00 x	8.90 x
					Factor 1.2018 =
					Total \$192.53
			Contractors Note:		
266	03 31 13 00-0062	0051	CY	For Quantities Up To 20, Add	\$538.65
				Quantity	Unit Price
			Installation	18.00 x	24.90 x
					Factor 1.2018 =
					Total \$538.65
			Contractors Note:		

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
Staircase #4							
267	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$1,508.26		
				Quantity	Unit Price	Factor	Total
			Installation	50.00	x 25.10	x 1.2018	= \$1,508.26
Contractors Note: Buggy utilized to haul new and demolished concrete at stair #4							
268	03 35 16 00-0005		SF	Concrete Floor Finishes, Steel Trowel	\$317.40		
				Quantity	Unit Price	Factor	Total
			Installation	190.00	x 1.39	x 1.2018	= \$317.40
Contractors Note: Finish new concrete stairs.							
269	03 35 16 00-0005	0057	SF	For Quantities > 50 To 250 SF, Add	\$317.40		
				Quantity	Unit Price	Factor	Total
			Installation	190.00	x 1.39	x 1.2018	= \$317.40
Contractors Note:							
270	05 12 23 00-0170		SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface after torch cutting.	\$31.25		
				Quantity	Unit Price	Factor	Total
			Installation	40.00	x 0.65	x 1.2018	= \$31.25
Contractors Note: grind railings to remove posts and railings throughout							
271	31 05 16 00-0003		CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	\$663.69		
				Quantity	Unit Price	Factor	Total
			Installation	25.00	x 22.09	x 1.2018	= \$663.69
Contractors Note: Furnish and install new aggregate for concrete stairs.							
272	31 05 16 00-0003	0053	CY	For Quantities > 10 To 25 (> 8 To 19 M3), Add	\$66.40		
				Quantity	Unit Price	Factor	Total
			Installation	25.00	x 2.21	x 1.2018	= \$66.40
Contractors Note:							
273	31 23 36 00-0007		CY	Excavation By Hand Up To 1 On 4 Slope	\$2,610.01		
				Quantity	Unit Price	Factor	Total
			Installation	35.00	x 62.05	x 1.2018	= \$2,610.01
Contractors Note: Excavate existing spoils in order to install new staircase foundation footings, walls and frost walls							
274	31 23 36 00-0045		TON	Grade And Compact Sub-base Stone (0-500 Ton) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	\$246.56		
				Quantity	Unit Price	Factor	Total
			Installation	46.00	x 4.46	x 1.2018	= \$246.56
Contractors Note: Grade and compact new CA-7 stone fill at staircase #4							
275	31 23 36 00-0056		SY	Fine Grading Of Landscaped And Green Areas	\$81.79		
				Quantity	Unit Price	Factor	Total
			Installation	166.00	x 0.41	x 1.2018	= \$81.79
Contractors Note: Fine grade restoration areas prior to sod install							
276	32 01 90 26-0002		MSF	Watering Sod/Grass, Per Inch Of Water	\$669.05		
				Quantity	Unit Price	Factor	Total
			Installation	21.00	x 26.51	x 1.2018	= \$669.05
Contractors Note: Provide new sod watering							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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Staircase #4

277	32 91 13 36-0005		SY	Roll Topsoil With Machine	\$161.59		
				Quantity	Unit Price	Factor	Total
			Installation	166.00	x 0.81	x 1.2018	= \$161.59
Contractors Note: Topsoil / sod rolling							

278	32 91 13 36-0014		SY	Up To 6" Deep Tilling Topsoil With Rototiller	\$169.57		
				Quantity	Unit Price	Factor	Total
			Installation	166.00	x 0.85	x 1.2018	= \$169.57
Contractors Note: Tilling of restoration area for sod prep							

279	32 92 23 00-0013		MSF	Fescue Sod, 4,000 - 8,000 SF, On Level Ground	\$1,140.86		
				Quantity	Unit Price	Factor	Total
			Installation	1.50	x 632.86	x 1.2018	= \$1,140.86
Contractors Note: Provide and place new sod at one staircase							

Subtotal for Staircase #4: \$46,605.25

West Ramp - North Tunnel

280	01 22 23 00-0147		DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	\$4,927.38		
				Quantity	Unit Price	Factor	Total
			Installation	5.00	x 820.00	x 1.2018	= \$4,927.38
Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at the west ramp - north tunnel							

281	01 22 23 00-0162		DAY	Backhoe Attachment For Skid-Steer Loaders	\$602.94		
				Quantity	Unit Price	Factor	Total
			Installation	5.00	x 100.34	x 1.2018	= \$602.94
Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at west ramp - north tunnel.							

282	01 22 23 00-0527		WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	\$9,211.63		
				Quantity	Unit Price	Factor	Total
			Installation	2.00	x 3,832.43	x 1.2018	= \$9,211.63
Contractors Note: Equipment used to haul removed pavers on pallet and then used to bring pavers back to west ramp @ north tunnel for reinstalled.							

283	01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89		
				Quantity	Unit Price	Factor	Total
			Installation	2.00	x 201.32	x 1.2018	= \$483.89
Contractors Note: Mobilize / demobilize bobcat.							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total												
West Ramp - North Tunnel																	
284	01 71 13 00-0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with > 40' boom lengths, etc.	\$1,935.52												
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td></td> <td>4.00</td> <td>x</td> <td>402.63</td> <td>1.2018</td> <td>\$1,935.52</td> </tr> </table>	Installation	Quantity		Unit Price	Factor	Total		4.00	x	402.63	1.2018	\$1,935.52	
Installation	Quantity		Unit Price	Factor	Total												
	4.00	x	402.63	1.2018	\$1,935.52												
				Contractors Note: Mobilize / demobilize equipment including but not limited to bobcat(s), concrete pump truck and loader for west ramp - north tunnel.													
285	01 74 13 00-0003		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$117.90												
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td></td> <td>5.00</td> <td>x</td> <td>19.62</td> <td>1.2018</td> <td>\$117.90</td> </tr> </table>	Installation	Quantity		Unit Price	Factor	Total		5.00	x	19.62	1.2018	\$117.90	
Installation	Quantity		Unit Price	Factor	Total												
	5.00	x	19.62	1.2018	\$117.90												
				Contractors Note: Load concrete debris from west ramp - north tunnel into dumpster.													
286	01 74 19 00-0013		EA	20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$459.33												
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td></td> <td>1.00</td> <td>x</td> <td>382.20</td> <td>1.2018</td> <td>\$459.33</td> </tr> </table>	Installation	Quantity		Unit Price	Factor	Total		1.00	x	382.20	1.2018	\$459.33	
Installation	Quantity		Unit Price	Factor	Total												
	1.00	x	382.20	1.2018	\$459.33												
				Contractors Note: Dumpster for concrete and construction debris at the west ramp - north tunnel													
287	02 41 19 13-0003		SF	Remove Brick Flooring And Salvage	\$1,646.77												
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td></td> <td>675.00</td> <td>x</td> <td>2.03</td> <td>1.2018</td> <td>\$1,646.77</td> </tr> </table>	Installation	Quantity		Unit Price	Factor	Total		675.00	x	2.03	1.2018	\$1,646.77	
Installation	Quantity		Unit Price	Factor	Total												
	675.00	x	2.03	1.2018	\$1,646.77												
				Contractors Note: Assist in removing / loading pavers onto pallet once they are removed.													
288	02 41 19 13-0089		EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$612.03												
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td></td> <td>1.00</td> <td>x</td> <td>509.26</td> <td>1.2018</td> <td>\$612.03</td> </tr> </table>	Installation	Quantity		Unit Price	Factor	Total		1.00	x	509.26	1.2018	\$612.03	
Installation	Quantity		Unit Price	Factor	Total												
	1.00	x	509.26	1.2018	\$612.03												
				Contractors Note: Minimum sawcut charge at west ramp - north tunnel.													
289	02 41 19 13-0259		SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Light Reinforced, Slab On Grade	\$6,893.28												
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td></td> <td>170.00</td> <td>x</td> <td>33.74</td> <td>1.2018</td> <td>\$6,893.28</td> </tr> </table>	Installation	Quantity		Unit Price	Factor	Total		170.00	x	33.74	1.2018	\$6,893.28	
Installation	Quantity		Unit Price	Factor	Total												
	170.00	x	33.74	1.2018	\$6,893.28												
				Contractors Note: Remove and dispose of existing concrete curb. Curb to be cut into pieces and hauled by buggy to dumpster at the west ramp - north tunnel													
290	03 11 13 00-0007		SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	\$4,857.38												
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td></td> <td>425.00</td> <td>x</td> <td>9.51</td> <td>1.2018</td> <td>\$4,857.38</td> </tr> </table>	Installation	Quantity		Unit Price	Factor	Total		425.00	x	9.51	1.2018	\$4,857.38	
Installation	Quantity		Unit Price	Factor	Total												
	425.00	x	9.51	1.2018	\$4,857.38												
				Contractors Note: Formwork required for furnishing and install new concrete curb at the west ramp - north tunnel. 170' long ramp, formwork both sides													
291	03 11 13 00-0007	0001	SF	For Quantities < 1000, Add	\$919.38												
				<table> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td></td> <td>425.00</td> <td>x</td> <td>1.80</td> <td>1.2018</td> <td>\$919.38</td> </tr> </table>	Installation	Quantity		Unit Price	Factor	Total		425.00	x	1.80	1.2018	\$919.38	
Installation	Quantity		Unit Price	Factor	Total												
	425.00	x	1.80	1.2018	\$919.38												
				Contractors Note:													

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total	
West Ramp - North Tunnel						
292	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$452.48	
				Quantity Unit Price Factor Total		
			Installation	15.00 x 25.10 x 1.2018 =	\$452.48	
			Contractors Note: Buggy utilized to haul concrete debris from west ramp - north tunnel to truck or dumpster.			
293	03 31 13 00-0092		CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY	\$108.16	
				Quantity Unit Price Factor Total		
			Installation	6.00 x 15.00 x 1.2018 =	\$108.16	
			Contractors Note: Small concrete delivery upcharge for west ramp - north tunnel			
294	03 35 16 00-0005		SF	Concrete Floor Finishes, Steel Trowel	\$283.99	
				Quantity Unit Price Factor Total		
			Installation	170.00 x 1.39 x 1.2018 =	\$283.99	
			Contractors Note: Finish new concrete curb at west ramp - north tunnel			
295	03 35 16 00-0005	0057	SF	For Quantities > 50 To 250 SF, Add	\$283.99	
				Quantity Unit Price Factor Total		
			Installation	170.00 x 1.39 x 1.2018 =	\$283.99	
			Contractors Note:			
296	09 01 60 00-0003		SF	Remove Setting Bed And Clean Area	\$2,944.71	
				Quantity Unit Price Factor Total		
			Installation	675.00 x 3.63 x 1.2018 =	\$2,944.71	
			Contractors Note: Remove existing sand bedding to ensure ramps are level.			
297	31 05 16 00-0003		CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	\$106.19	
				Quantity Unit Price Factor Total		
			Installation	4.00 x 22.09 x 1.2018 =	\$106.19	
			Contractors Note: Furnish and install new stone as required for new concrete curb at the west ramp - north tunnel			
298	31 05 16 00-0003	0052	CY	For Quantities Up To 10 (Up To 8 M3), Add	\$29.28	
				Quantity Unit Price Factor Total		
			Installation	4.00 x 6.09 x 1.2018 =	\$29.28	
			Contractors Note:			
299	31 23 36 00-0007		CY	Excavation By Hand Up To 1 On 4 Slope	\$745.72	
				Quantity Unit Price Factor Total		
			Installation	10.00 x 62.05 x 1.2018 =	\$745.72	
			Contractors Note: Excavate as required to install new curb at the west ramp - north tunnel.			
300	31 23 36 00-0057		LF	Fine Grading Of Curb And Gutter	\$218.61	
				Quantity Unit Price Factor Total		
			Installation	170.00 x 1.07 x 1.2018 =	\$218.61	
			Contractors Note: Fine grading new curb at the west ramp - north tunnel			
301	32 14 11 00-0002		SF	1" To 2" Sand Bedding, Screeded	\$600.30	
				Quantity Unit Price Factor Total		
			Installation	675.00 x 0.74 x 1.2018 =	\$600.30	
			Contractors Note: Furnish and install additional sand bedding as required.			

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
West Ramp - North Tunnel							
302	32 14 16 00-0002		SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	\$6,493.21		
				Quantity	Unit Price	Factor	Total
			Installation	485.00 x	8.68 x	1.2018 =	\$5,059.34
			Demolition	485.00 x	2.46 x	1.2018 =	\$1,433.87
Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Excludes new material.							
303	32 14 16 00-0002	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$2,005.08		
				Quantity	Unit Price	Factor	Total
			Installation	485.00 x	3.44 x	1.2018 =	\$2,005.08
Contractors Note:							
304	32 14 16 00-0002	0132	SF	For Quantities > 100 To 500, Add	\$542.07		
				Quantity	Unit Price	Factor	Total
			Installation	485.00 x	0.93 x	1.2018 =	\$542.07
Contractors Note:							
305	32 14 16 00-0003		SF	4" x 8" x 2-1/4" Brick, Laid On Edge	\$3,441.11		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	12.26 x	1.2018 =	\$2,799.47
			Demolition	190.00 x	2.81 x	1.2018 =	\$641.64
Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Pavers on the perimeter or each ramp are laid on edge. Excludes new material.							
306	32 14 16 00-0003	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$1,358.63		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	5.95 x	1.2018 =	\$1,358.63
Contractors Note:							
307	32 14 16 00-0003	0132	SF	For Quantities > 100 To 500, Add	\$269.44		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	1.18 x	1.2018 =	\$269.44
Contractors Note:							
308	32 16 13 13-0001		LF	6" x 12" Concrete Gutter With 6" Curb And Face - Straight	\$4,041.17		
				Quantity	Unit Price	Factor	Total
			Installation	170.00 x	19.78 x	1.2018 =	\$4,041.17
Contractors Note: Furnish and install new concrete curb 6"x12" at west tunnel - north ramp. Line item excludes concrete pumping equipment.							

Subtotal for West Ramp - North Tunnel: \$56,591.57

West Ramp - South Tunnel							
309	01 22 23 00-0148		WK	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	\$8,750.43		
				Quantity	Unit Price	Factor	Total
			Installation	2.00 x	3,640.55 x	1.2018 =	\$8,750.43
Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking lot, backfilling and hauling stone from parking lot to parking area at west ramp - south tunnel.							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total	
West Ramp - South Tunnel						
310	01 22 23 00-0163	WK		Backhoe Attachment For Skid-Steer Loaders	\$578.81	
			Quantity	Unit Price	Factor	Total
		Installation	2.00 x	240.81 x	1.2018 =	\$578.81
Contractors Note: Backhoe / bobcat used to assist in excavation, hauling spoils from work area to parking log, backfilling and hauling stone from parking lot to parking area at west ramp - south tunnel.						
311	01 22 23 00-0527	WK		5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	\$9,211.63	
			Quantity	Unit Price	Factor	Total
		Installation	2.00 x	3,832.43 x	1.2018 =	\$9,211.63
Contractors Note: Equipment used to haul removed pavers to pallet and then used to bring pavers back to West Ramp - South Tunnel to be reinstalled.						
312	01 71 13 00-0002	EA		Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	\$483.89	
			Quantity	Unit Price	Factor	Total
		Installation	2.00 x	201.32 x	1.2018 =	\$483.89
Contractors Note: Mobilize / demobilize bobcat						
313	01 71 13 00-0003	EA		Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with > 40' boom lengths, etc.	\$1,935.52	
			Quantity	Unit Price	Factor	Total
		Installation	4.00 x	402.63 x	1.2018 =	\$1,935.52
Contractors Note: Mobilize / demobilize equipment including but not limited to bobcat(s), concrete pump truck and loader for west ramp - south tunnel.						
314	01 74 13 00-0003	CY		Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$353.69	
			Quantity	Unit Price	Factor	Total
		Installation	15.00 x	19.62 x	1.2018 =	\$353.69
Contractors Note: Load concrete debris from west ramp - south tunnel into dumpster.						
315	01 74 19 00-0013	EA		20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$459.33	
			Quantity	Unit Price	Factor	Total
		Installation	1.00 x	382.20 x	1.2018 =	\$459.33
Contractors Note: Dumpster for concrete and construction debris at the west ramp - south tunnel.						
316	02 41 19 13-0003	SF		Remove Brick Flooring And Salvage	\$1,646.77	
			Quantity	Unit Price	Factor	Total
		Installation	675.00 x	2.03 x	1.2018 =	\$1,646.77
Contractors Note: Assist in removing / loading pavers onto pallet once they are removed.						

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
West Ramp - South Tunnel					
317	02 41 19 13-0089		EA	Saw Cut Minimum Charge Note. For projects where the total saw cutting charge is less than the minimum charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$612.03
			Installation	Quantity 1.00 x Unit Price 509.26 x Factor 1.2018 =	Total \$612.03
Contractors Note: Minimum sawcut charge at west ramp - south tunnel.					
318	02 41 19 13-0259		SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Light Reinforced, Slab On Grade	\$12,570.11
			Installation	Quantity 310.00 x Unit Price 33.74 x Factor 1.2018 =	Total \$12,570.11
Contractors Note: Remove and dispose of existing concrete curb. Curb to be cut into pieces and hauled by buggy to dumpster at the west ramp - south tunnel.					
319	03 11 13 00-0007		SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	\$8,857.57
			Installation	Quantity 775.00 x Unit Price 9.51 x Factor 1.2018 =	Total \$8,857.57
Contractors Note: Formwork required for furnishing and install new concrete curb at the west ramp - south tunnel.					
320	03 11 13 00-0007	0001	SF	For Quantities < 1000, Add	\$1,676.51
			Installation	Quantity 775.00 x Unit Price 1.80 x Factor 1.2018 =	Total \$1,676.51
Contractors Note:					
321	03 21 13 00-0004		TON	Grade 50 Reinforcing Steel, Footings And Slabs, #3-#6	\$654.73
			Installation	Quantity 0.20 x Unit Price 2,723.94 x Factor 1.2018 =	Total \$654.73
Contractors Note: Furnish and install new #5 rebar at the west ramp - south tunnel.					
322	03 21 13 00-0004	0021	TON	For Epoxy Coated, Add	\$211.36
			Installation	Quantity 0.20 x Unit Price 879.36 x Factor 1.2018 =	Total \$211.36
Contractors Note:					
323	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$603.30
			Installation	Quantity 20.00 x Unit Price 25.10 x Factor 1.2018 =	Total \$603.30
Contractors Note: Buggy utilized to haul concrete debris from west ramp - south tunnel to truck or dumpster					
324	03 31 13 00-0092		CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY	\$54.08
			Installation	Quantity 3.00 x Unit Price 15.00 x Factor 1.2018 =	Total \$54.08
Contractors Note: Small concrete delivery upcharge for west ramp - south tunnel.					
325	03 35 16 00-0005		SF	Concrete Floor Finishes, Steel Trowel	\$517.86
			Installation	Quantity 310.00 x Unit Price 1.39 x Factor 1.2018 =	Total \$517.86
Contractors Note: Finish new concrete curb at west ramp - south tunnel.					
326	09 01 60 00-0003		SF	Remove Setting Bed And Clean Area	\$2,944.71
			Installation	Quantity 675.00 x Unit Price 3.63 x Factor 1.2018 =	Total \$2,944.71
Contractors Note: Remove existing sand bedding to ensure ramps are level.					

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
West Ramp - South Tunnel							
327	31 05 16 00-0003		CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	\$185.83		
				Quantity	Unit Price	Factor	Total
			Installation	7.00 x	22.09 x	1.2018 =	\$185.83
Contractors Note: Furnish and install new stone as required for new concrete curb at the west ramp - south tunnel.							
328	31 05 16 00-0003	0052	CY	For Quantities Up To 10 (Up To 8 M3), Add	\$51.23		
				Quantity	Unit Price	Factor	Total
			Installation	7.00 x	6.09 x	1.2018 =	\$51.23
Contractors Note:							
329	31 23 36 00-0007		CY	Excavation By Hand Up To 1 On 4 Slope	\$1,491.43		
				Quantity	Unit Price	Factor	Total
			Installation	20.00 x	62.05 x	1.2018 =	\$1,491.43
Contractors Note: Excavate as required to install new curb at the west ramp - south tunnel.							
330	31 23 36 00-0057		LF	Fine Grading Of Curb And Gutter	\$398.64		
				Quantity	Unit Price	Factor	Total
			Installation	310.00 x	1.07 x	1.2018 =	\$398.64
Contractors Note: Fine grading new curb at the west ramp - south tunnel.							
331	32 14 11 00-0002		SF	1" To 2" Sand Bedding, Screeded	\$600.30		
				Quantity	Unit Price	Factor	Total
			Installation	675.00 x	0.74 x	1.2018 =	\$600.30
Contractors Note: Furnish and install additional sand bedding as required.							
332	32 14 16 00-0002		SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	\$6,493.21		
				Quantity	Unit Price	Factor	Total
			Installation	485.00 x	8.68 x	1.2018 =	\$5,059.34
			Demolition	485.00 x	2.46 x	1.2018 =	\$1,433.87
Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Excludes new material.							
333	32 14 16 00-0002	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$2,005.08		
				Quantity	Unit Price	Factor	Total
			Installation	485.00 x	3.44 x	1.2018 =	\$2,005.08
Contractors Note:							
334	32 14 16 00-0002	0132	SF	For Quantities > 100 To 500, Add	\$542.07		
				Quantity	Unit Price	Factor	Total
			Installation	485.00 x	0.93 x	1.2018 =	\$542.07
Contractors Note:							
335	32 14 16 00-0003		SF	4" x 8" x 2-1/4" Brick, Laid On Edge	\$3,441.11		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	12.26 x	1.2018 =	\$2,799.47
			Demolition	190.00 x	2.81 x	1.2018 =	\$641.64
Contractors Note: Remove existing clay pavers and reinstall once concrete repairs are complete. Pavers on the perimeter or each ramp are laid on edge. Excludes new material.							
336	32 14 16 00-0003	0122	SF	For 2-3/4" Thick Paver (Vehicular), Add	\$1,358.63		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	5.95 x	1.2018 =	\$1,358.63
Contractors Note:							

Proposal Review Detail - Category Continued..

Date: September 13, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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West Ramp - South Tunnel

337	32 14 16 00-0003	0132	SF	For Quantities > 100 To 500, Add	\$269.44
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Installation	Quantity	Unit Price	Factor	Total
	190.00	1.18	1.2018 =	\$269.44

Contractors Note:

338	32 16 13 13-0001		LF	6" x 12" Concrete Gutter With 6" Curb And Face - Straight	\$7,369.20
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Installation	Quantity	Unit Price	Factor	Total
	310.00	19.78	1.2018 =	\$7,369.20

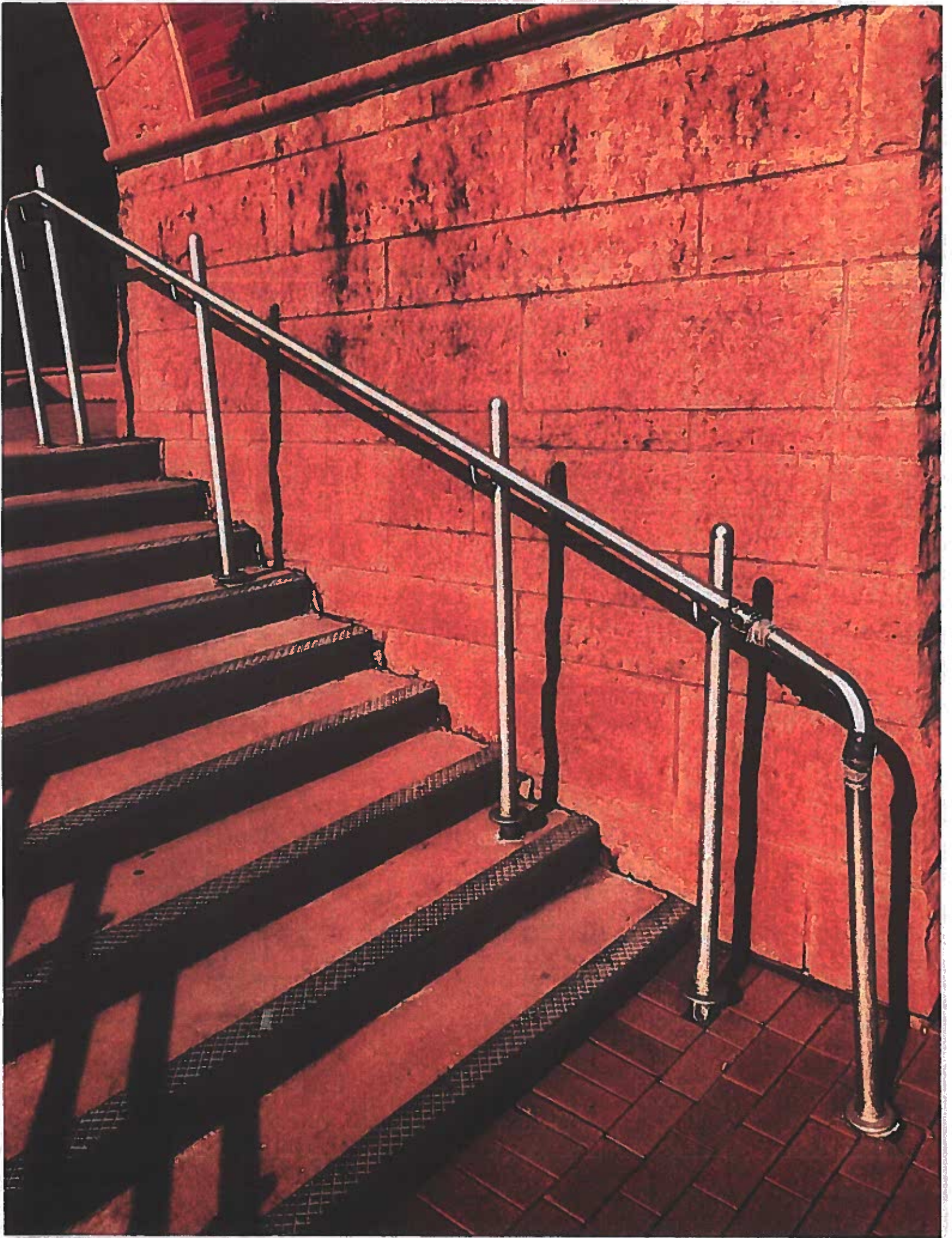
Contractors Note: Furnish and install new concrete curb 6"x12" at west ramp - south tunnel. Line item excludes concrete pumping equipment.

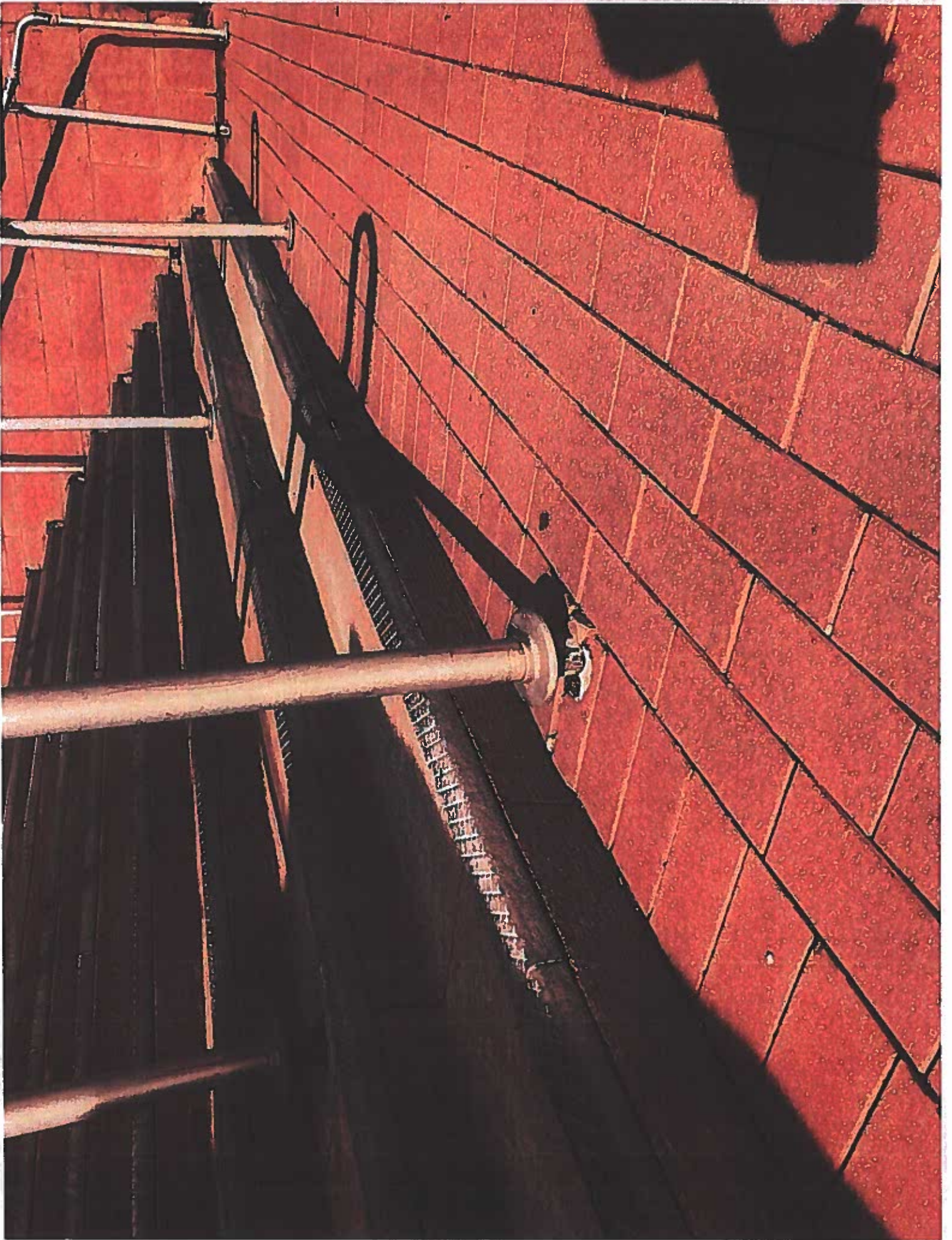
Subtotal for West Ramp - South Tunnel: \$76,328.50

Proposal Total \$1,002,184.84

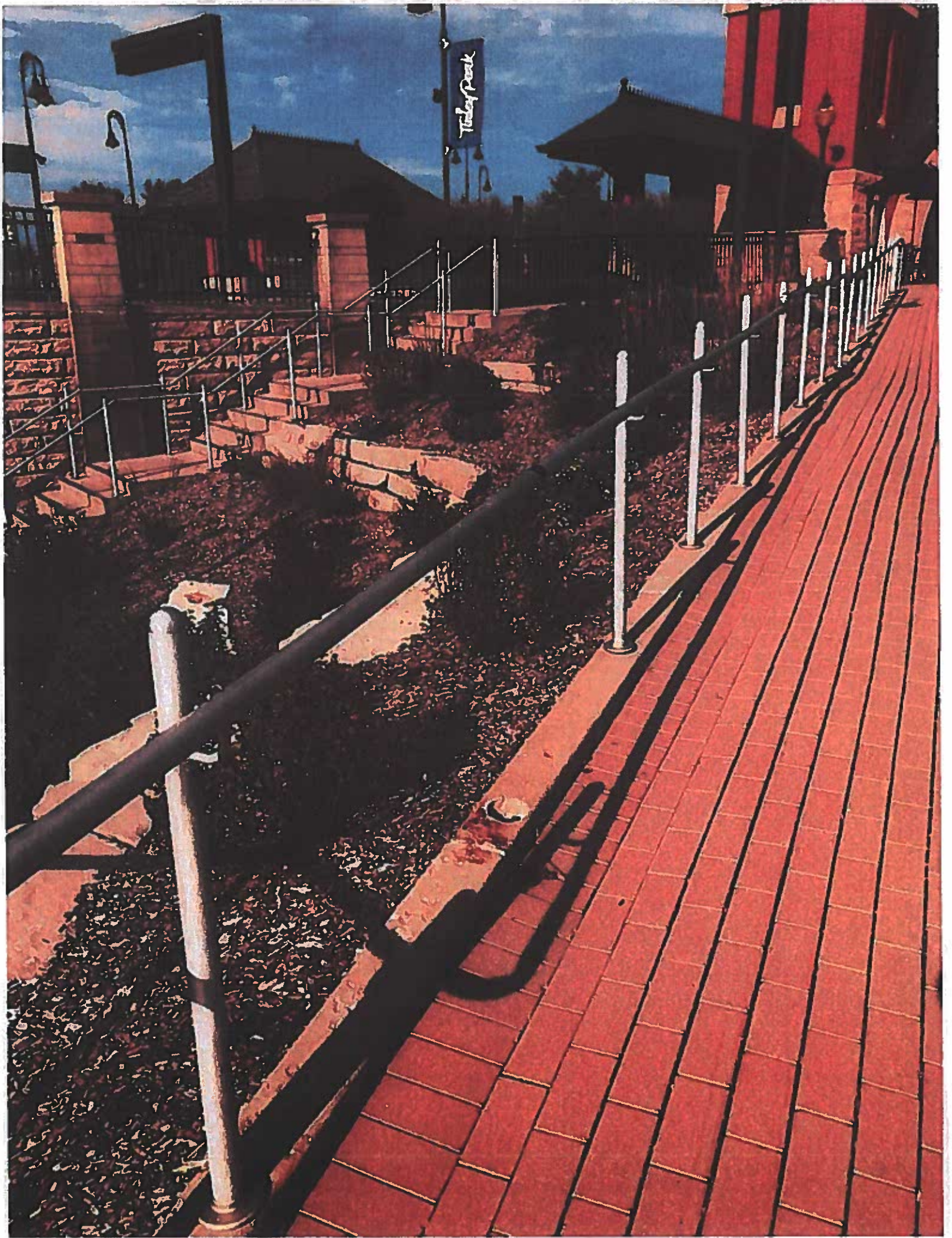
This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals

The Percent of NPP on this Proposal: 28.15%



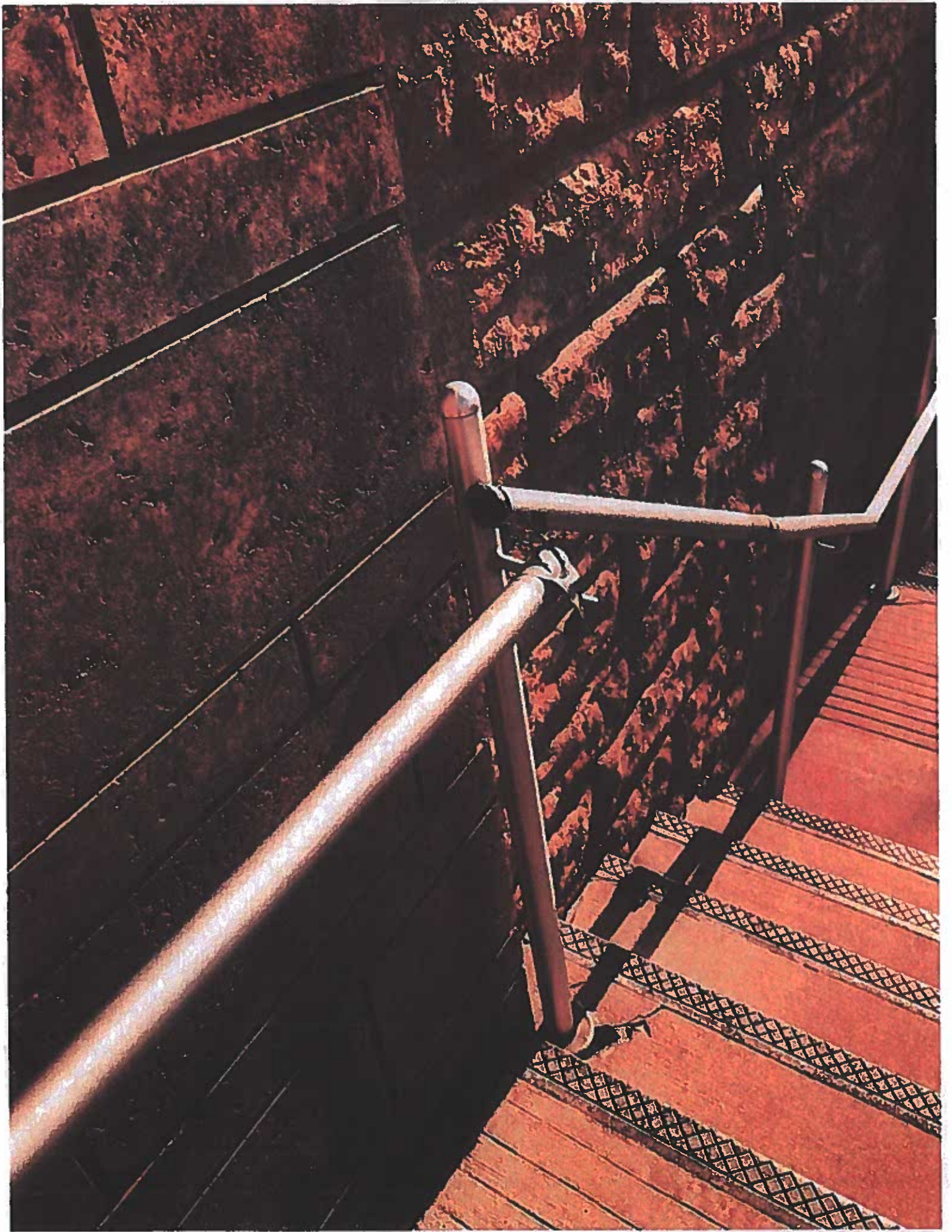
















**PUBLIC
COMMENT**

ADJOURNMENT