
THE VILLAGE OF TINLEY PARK

Cook County, Illinois

Will County, Illinois

**RESOLUTION
NO. 2019-R-109**

**A RESOLUTION APPROVING A JOB ORDER CONTRACT FOR
CERTAIN REPAIRS TO THE 80TH AVENUE TRAIN STATION WITH
F.H. PASCHEN, S.N. NIELSEN & ASSOCIATES, LLC**

**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**

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

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RESOLUTION NO. 2019-R-109

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

WHEREAS, the Village of Tinley Park (“Village”) as of 2018 undertook the repair and replacement of various staircases, railings, and hand railings (“Repairs”) pursuant to the 80th Avenue Train Station Staircases/Hand Railing Replacement/Repair Project (“Project”) pertaining to said Repairs for the 80th Avenue Train Station; and

WHEREAS, the Village has completed phase 1 of said Repairs but desires to contract with F. H. Paschen, S.N. Nielsen & Associates, LLC (“FH Paschen”) to perform phase 2, 3, & 4 of said Project; and

WHEREAS, the Village and FH Paschen have previously negotiated and now desire to enter into a Job Order Contract (“Contract”) pertaining to FH Paschen’s completion of Phase 2, 3, & 4 of said Project, in an amount not greater than \$1,002,184.48, further described in the attached Exhibit 1; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interest of said Village of Tinley Park and its residents to approve said Contract with FH Paschen pursuant to this Resolution; and

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

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

SECTION 2: The President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interest of the Village and its residents that the aforesaid Contract be entered into with FH Paschen, in an amount not to exceed \$1,002,184.48, and that the Village President is hereby authorized to execute said Agreement on behalf of the Village, with said Agreement to be

substantially in the form attached hereto and made a part hereof as Exhibit 1, subject to review and revision as to form by the Village Attorney.

SECTION 3: Any policy, resolution, or ordinance of the Village that conflicts with the provisions of this Resolution shall be and is hereby repealed to the extent of such conflict.

SECTION 4: That this Resolution shall be in full force and effect from and after its adoption and approval.

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

PASSED THIS 15th day of October, 2019.

AYES: Berg, Brady, Brennan, Galante, Glotz, Mueller

NAYS: None

ABSENT: None

APPROVED THIS 15th day of October, 2019.

ATTEST:

DEPUTY VILLAGE CLERK


VILLAGE PRESIDENT

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

CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-109, "A RESOLUTION APPROVING A JOB ORDER CONTRACT FOR CERTAIN REPAIRS TO THE 80TH AVENUE TRAIN STATION WITH F.H. PASCHEN, S.N. NIELSEN & ASSOCIATES, LLC," which was adopted by the President and Board of Trustees of the Village of Tinley Park on October 15, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 15th day of October, 2019.


DEPUTY VILLAGE CLERK

VILLAGE OF TINLEY PARK

SERVICE CONTRACT

This contract is by and between the **Village of Tinley Park**, an Illinois home-rule municipal corporation (the "Village"), and **F.H. Paschen, S.N. Nielsen & Associates LLC** (the "Contractor"), for the project or work described in Exhibit A, attached hereto and made a part hereof.

1. In consideration of the compensation stated in paragraph 2, the Contractor shall provide all the services described in the Scope of Services attached hereto as Exhibit "A" and incorporated herein by reference. The express terms of this Contract shall take precedence and control over any term or provision of the Scope of Services (Exhibit A) that in any way conflicts with, differs from, or attempts to alter the terms of this Contract.
2. Except in the event of a duly authorized change order approved by the Village as provided in this Contract, and in consideration of the Contractor's final completion of all work in conformity with this Contract, the Village shall pay the Contractor an amount not to exceed **One Hundred Ninety Eight Thousand, Seven Hundred Eighty Six and 01/100 Dollars (\$198,786.01)**. Within thirty (30) calendar days of completion of the work, the Contractor shall submit his application for payment to the Village, and the Village shall pay Contractor for the work performed no later than **thirty (30)** calendar days from the date of the Village's receipt and the Village's approval of the work and the application for payment. No payment shall be made by the Village until the Contractor has submitted to the Village (i) a Contractor's Affidavit listing all subcontractors and material suppliers utilized on the project and (ii) final waivers of lien from the Contractor, all subcontractors and all material suppliers.
3. No changes shall be made, nor will invoices for changes, alterations, modifications, deviations, or extra work or services be recognized or paid except upon the prior written order from authorized personnel of the Village. The Contractor shall not execute change orders on behalf of the Village or otherwise alter the financial scope of the Project.
4. Written change orders may be approved by the Village Manager or his designee provided that the change order does not increase the amount set forth in paragraph 2 of this Contract to more than \$10,000.00. Changes in excess of this amount must be approved by the Village Board prior to commencement of the services or work. **If a requested change causes an increase or decrease in the cost of or time required for the performance of the contract, Contractor will agree to an equitable adjustment in the contract price or performance schedule, or both. Neither party is obligated to comply with requested changes unless and until both parties execute a written change order.**
5. **Time is of the essence on this Contract.** The Contractor shall complete all work under this Contract by the dates set forth below:

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

services of an unauthorized alien. The Contractor, not the Village, must verify eligibility for employment as required by IRCA.

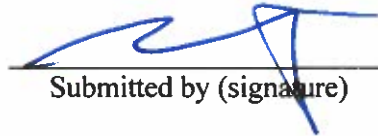
12. At any time, the Village may terminate this Contract for convenience, upon written notice to the Contractor. The Contractor shall cease work immediately upon receipt of such notice. The Contractor shall be compensated for services performed and accepted by the Village up to the date of termination.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

CERTIFICATIONS BY CONTRACTOR

Eligibility to Contract

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

F.H. Paschen, S.N. Nielsen & Associates LLC
Name of Contractor (please print)

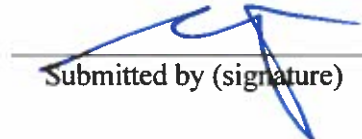

Submitted by (signature)

VP
Title

Certificate of Compliance with Illinois Human Rights Act

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

F.H. Paschen, S.N. Nielsen & Associates LLC
Name of Contractor (please print)

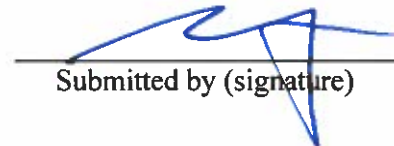

Submitted by (signature)

VP
Title

Certificate of Compliance with Illinois Drug-Free Workplace Act

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

F.H. Paschen, S.N. Nielsen & Associates LLC
Name of Contractor (please print)



Submitted by (signature)

VP
Title

Certificate Regarding Sexual Harassment Policy

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

F.H. Paschen, S.N. Nielsen & Associates LLC
Name of Contractor (please print)


Submitted by (signature)

VP
Title

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

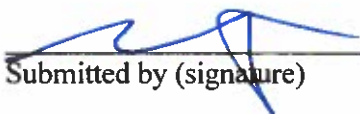
The undersigned hereby certifies that:

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

B. There is in place a collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (P.A. 95-0635)

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

F.H. Paschen, S.N. Nielsen & Associates LLC
Name of Contractor (please print)


Submitted by (signature)

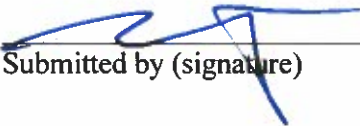
VP
Title

Certificate of Compliance with Prevailing Wage Requirements

The undersigned hereby certifies that:

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

F.H. Paschen, S.N. Nielsen & Associates LLC
Name of Contractor (please print)

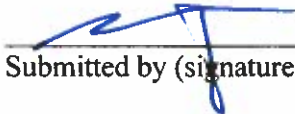

Submitted by (signature)

VP
Title

Certificate of Compliance with the Village of Tinley Park Responsible Bidder Ordinance

The undersigned or the entity making the proposal or bid has reviewed and is in compliance with the Village of Tinley Park Responsible Bidder Ordinance No. 2009-O-002.

F.H. Paschen, S.N. Nielsen & Associates LLC
Name of Contractor (please print)


Submitted by (signature)

VP
Title

F.H. Paschen, S.N. Nielsen & Associates LLC

BY: 

10/22/19

Date

Printed Name: Anthony Izzu

Title: Vice President

VILLAGE OF TINLEY PARK

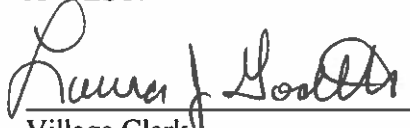
BY: 

Oct. 15, 2019

Date

Jacob Vandenberg, Mayor
(required if Contract is \$20,000 or more)

ATTEST:



Oct. 15, 2019

Date

Deputy
Village Clerk
(required if Contract is \$20,000 or more)

VILLAGE OF TINLEY PARK

BY: _____
Village Manager

Date

SCOPE OF SERVICES

Attached Scope of work for Train Station 3rd and 4th phase railings as detailed in:

- **Work Order Number #068496.00 Titled: Village of Tinley Park – Train Station 3rd and 4th phase railings**



Job Order Contract
Detailed Scope of Work

Job Order Number: 068496.00 **Date:** July 30, 2019
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

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:

- Remove and replace existing staircase railings with new powder coating steel railings at three (3) staircases.
- Railing to be field measured upon completion of concrete work.
- New steel railings to match existing style and the color is to match as close as possible to the existing.

Staircase Replacement:

- Remove and replace concrete stair #2.
- Remove and replace concrete stair #3.
- Remove and replace concrete stair #4.
- Excavated, haul and dispose of spoils in order to install new stair foundation footings, foundation walls and frost walls.
- Furnish and install formwork required to install new foundation footings, walls, frost walls and staircases.
- Furnish and install new concrete foundation footings, foundation walls, frost walls and railing curbs on both sides of the staircases as well as one curb in the middle of each staircase.
- Concrete foundation footings, walls and frost walls to be assembled similar to the as-built drawings from the Tinley Park Metra Station on Oak Park Ave provided by the owner.
- Furnish and install new epoxy coated rebar.
- Furnish and install new dowels to tie into existing adjacent concrete surfaces.
- Furnish and install new aggregate backfill upon completion of concrete foundation work.
- Backfill stockpiled spoils as needed.
- Provide all necessary traffic control barricades and caution tape each railing.

Landscaping:

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

- Restore disturbed sod due to staircase replacements by grading adjacent areas, installing new sod.
- Sod restoration figured on each side of the new staircases.
- Landscape restoration figured to be completed on one mobilization

Clarifications:

- This proposal includes an allowance of \$5,000.00 for BNSF Permit Fees.
- This proposal includes an allowance of \$2,000.00 for Railroad Protective Liability Insurance.
- This proposal excludes any new soil. Excavated spoils to be re-used where required.
- This proposal excludes railroad flaggers.
- This proposal excludes any engineer costs, fees, calculations, etc.
- This proposal excludes any temporary railings or handrails.
- This proposal excludes any soil or concrete testing.
- This proposal excludes any unforeseen conditions that may arise. This proposal excludes any as-built drawings.
- This proposal excludes any landscaping other than indicated above.
- This proposal is based on normal working hours.
- New concrete stair assemblies and railing assemblies to be constructed similar to existing conditions at Oak Park Ave Metra Station per direction provided by Tinley Park.

Job Order Contract

Proposal Review Summary - Category

Date: July 30, 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: \$198,786.01
Proposal Name: Village of Tinley Park - Train Station 3rd and 4th phase railings
Proposal Submitted: 07/30/2019

BNSF Permit Fee:	\$5,000.00
Railroad Protective Liability Insurance:	\$2,000.00
Staircase #1:	\$63,928.67
Staircase #3:	\$63,928.67
Staircase #4:	\$63,928.67
Proposal Total	\$198,786.01

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: 0.00%

Job Order Contract

Proposal Review Detail - Category

Date: July 30, 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: \$198,786.01
Proposal Name: Village of Tinley Park - Train Station 3rd and 4th phase railings
Proposal Submitted: 07/30/2019

Rec#	CSI Number	Mod.	UOM	Description	Line Total
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BNSF Permit Fee

1	01 22 16 00-0002		EA	Reimbursable Fees Note: Reimbursable Fees will be paid to the contractor for the actual cost of all permits, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The labor cost involved in obtaining all permits is in the Adjustment Factor. The base cost of the Reimbursable Fee is \$1.00. The quantity used will adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, each one shall be listed separately with a comment in the "note" block to identify the Reimbursable Fees (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be included with the Proposal.	\$5,000.00
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	Quantity		Unit Price		Factor		Total
Installation	5,000.00	x	1.00	x	1.0000	=	\$5,000.00

Contractors Note: Reimbursable fee for BNSF Permit Fees

Subtotal for BNSF Permit Fee: \$5,000.00

Railroad Protective Liability Insurance

2	01 22 16 00-0002		EA	Reimbursable Fees Note: Reimbursable Fees will be paid to the contractor for the actual cost of all permits, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The labor cost involved in obtaining all permits is in the Adjustment Factor. The base cost of the Reimbursable Fee is \$1.00. The quantity used will adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, each one shall be listed separately with a comment in the "note" block to identify the Reimbursable Fees (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be included with the Proposal.	\$2,000.00
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	Quantity		Unit Price		Factor		Total
Installation	2,000.00	x	1.00	x	1.0000	=	\$2,000.00

Contractors Note: Reimbursable fee for Railroad Protective Liability Insurance

Subtotal for Railroad Protective Liability Insurance: \$2,000.00

Staircase #1

3	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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	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

Proposal Review Detail - Category Continued..

Date: July 30, 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						
4	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						
5	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						
6	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.						
7	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						
8	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						
9	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						
10	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.						
11	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						

Proposal Review Detail - Category Continued..

Date: July 30, 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					
12	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
			Installation	Quantity 2.00 x Unit Price 402.63 x Factor 1.2018 =	Total \$967.76
Contractors Note: Mobilize / demobilize backhoe staircase staircase #1					
13	01 74 13 00-0003	CY		Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$990.33
			Installation	Quantity 42.00 x Unit Price 19.62 x Factor 1.2018 =	Total \$990.33
Contractors Note: Load spoils into truck					
14	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 1.00 x Unit Price 382.20 x Factor 1.2018 =	Total \$459.33
Contractors Note: Construction debris.					
15	01 74 19 00-0025	CY		Dump Fee, Excavated Dirt	\$446.20
			Installation	Quantity 42.00 x Unit Price 8.84 x Factor 1.2018 =	Total \$446.20
Contractors Note: Dump fee for excavated spoils					
16	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 staircase #1					
17	02 41 19 13-0094	EA		Drill 3" (76 mm) Diameter Core In 4" (10 cm) Concrete	\$8,148.20
			Installation	Quantity 120.00 x Unit Price 56.50 x Factor 1.2018 =	Total \$8,148.20
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.					
18	02 41 19 13-0214	IN		3/4" Diameter Drilling In Concrete Per Inch Of Depth	\$670.60
			Installation	Quantity 186.00 x Unit Price 3.00 x Factor 1.2018 =	Total \$670.60
Contractors Note: Drill into existing concrete slab to install dowels					
19	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
			Installation	Quantity 77.00 x Unit Price 38.16 x Factor 1.2018 =	Total \$3,531.27
Contractors Note: Sawcut existing concrete stair #1 into pieces small enough to haul by hand / concrete buggy to the dumpster.					

Proposal Review Detail - Category Continued..

Date: July 30, 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							
20	03 01 30 71-0015		LF	Epoxy Injection, Up To 1/4" Wide	\$1,198.19		
				Quantity	Unit Price	Factor	Total
			Installation	25.00 x	39.88 x	1.2018 =	\$1,198.19
Contractors Note: Furnish and install epoxy base once railing posts are installed. Minimum of 6" embedment.							
21	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							
22	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.							
23	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.							
24	03 11 23 00-0002	0008		For Quantities < 1000, Add	\$175.82		
				Quantity	Unit Price	Factor	Total
			Installation	55.00 x	2.66 x	1.2018 =	\$175.82
Contractors Note:							
25	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.							
26	03 21 13 00-0006	0021		For Epoxy Coated, Add	\$657.86		
				Quantity	Unit Price	Factor	Total
			Installation	0.60 x	912.33 x	1.2018 =	\$657.86
Contractors Note:							
27	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							
28	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.							
29	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.							

Proposal Review Detail - Category Continued..

Date: July 30, 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					
30	03 31 13 00-0034	0037		For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$267.40
			Installation	Quantity 25.00 x Unit Price 8.90 x Factor 1.2018 =	Total \$267.40
Contractors Note:					
31	03 31 13 00-0034	0047		For Quantities > 20 To 50, Add	\$638.16
			Installation	Quantity 25.00 x Unit Price 21.24 x Factor 1.2018 =	Total \$638.16
Contractors Note:					
32	03 31 13 00-0062		CY	12" Thick, By Direct Chute, Place 3000 PSI Concrete Walls	\$3,585.79
			Installation	Quantity 18.00 x Unit Price 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 #1					
33	03 31 13 00-0062	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$192.53
			Installation	Quantity 18.00 x Unit Price 8.90 x Factor 1.2018 =	Total \$192.53
Contractors Note:					
34	03 31 13 00-0062	0051	CY	For Quantities Up To 20, Add	\$538.65
			Installation	Quantity 18.00 x Unit Price 24.90 x Factor 1.2018 =	Total \$538.65
Contractors Note:					
35	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$1,508.26
			Installation	Quantity 50.00 x Unit Price 25.10 x Factor 1.2018 =	Total \$1,508.26
Contractors Note: Buggy utilized to haul new and demolished concrete at stair #1					
36	03 35 16 00-0005		SF	Concrete Floor Finishes, Steel Trowel	\$317.40
			Installation	Quantity 190.00 x Unit Price 1.39 x Factor 1.2018 =	Total \$317.40
Contractors Note: Finish new concrete stairs.					
37	03 35 16 00-0005	0057		For Quantities > 50 To 250 SF, Add	\$317.40
			Installation	Quantity 190.00 x Unit Price 1.39 x Factor 1.2018 =	Total \$317.40
Contractors Note:					
38	05 05 23 00-0189		EA	3/8" Multi-Set Anchor	\$596.87
			Installation	Quantity 35.00 x Unit Price 14.19 x Factor 1.2018 =	Total \$596.87
Contractors Note: Concrete anchors for new railings					
39	05 05 23 00-0189	0044	EA	For Quantities > 10 To 50, Deduct	\$-29.02
			Installation	Quantity 35.00 x Unit Price -0.69 x Factor 1.2018 =	Total \$-29.02
Contractors Note:					

Proposal Review Detail - Category Continued..

Date: July 30, 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							
40	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							
41	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	\$3,224.97		
				Quantity	Unit Price	Factor	Total
			Installation	55.00	x 39.95	x 1.2018	= \$2,640.66
			Demolition	55.00	x 8.84	x 1.2018	= \$584.32
Contractors Note: Replace railings throughout							
42	05 52 13 00-0005	0088	LF	For Aluminum, Clear Anodized Finish, Add	\$956.45		
				Quantity	Unit Price	Factor	Total
			Installation	55.00	x 14.47	x 1.2018	= \$956.45
Contractors Note:							
43	05 52 13 00-0005	0100	LF	For Mounting On Stairs, Add	\$322.56		
				Quantity	Unit Price	Factor	Total
			Installation	55.00	x 4.88	x 1.2018	= \$322.56
Contractors Note:							
44	05 52 13 00-0005	0101	LF	For Mounting On Slopes, Add	\$117.00		
				Quantity	Unit Price	Factor	Total
			Installation	55.00	x 1.77	x 1.2018	= \$117.00
Contractors Note:							
45	05 52 13 00-0005	0102	LF	For Post Base Flange With Screws, Add Per Post	\$1,273.73		
				Quantity	Unit Price	Factor	Total
			Installation	55.00	x 19.27	x 1.2018	= \$1,273.73
Contractors Note:							
46	05 73 00 00-0016		LF	Refinish Metal Handrail	\$556.55		
				Quantity	Unit Price	Factor	Total
			Installation	55.00	x 8.42	x 1.2018	= \$556.55
Contractors Note: Line item used to powder coat new railings throughout							
47	07 92 00 00-0023		CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	\$957.92		
				Quantity	Unit Price	Factor	Total
			Installation	1.50	x 379.11	x 1.2018	= \$683.42
			Demolition	1.50	x 152.27	x 1.2018	= \$274.50
Contractors Note: Continuous sealant around slotted railing posts once epoxy base is installed.							
48	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.							
49	31 05 16 00-0003	0053		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:							

Proposal Review Detail - Category Continued..

Date: July 30, 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							
50	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							
51	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 #1							
52	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							
53	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							
54	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							
55	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							
56	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 #1:					\$63,928.67		

Staircase #3							
57	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 #3							
58	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 #3							

Proposal Review Detail - Category Continued..

Date: July 30, 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						
59	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						
60	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.						
61	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.						
62	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						
63	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						
64	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.						
65	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						
66	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 #3						

Proposal Review Detail - Category Continued..

Date: July 30, 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							
67	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				
68	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.				
69	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				
70	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				
71	02 41 19 13-0094		EA	Drill 3" (76 mm) Diameter Core In 4" (10 cm) Concrete	\$8,148.20		
				Quantity	Unit Price	Factor	Total
			Installation	120.00	56.50	1.2018	\$8,148.20
				x	x	=	
			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.				
72	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				
73	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.				
74	03 01 30 71-0015		LF	Epoxy Injection, Up To 1/4" Wide	\$1,198.19		
				Quantity	Unit Price	Factor	Total
			Installation	25.00	39.88	1.2018	\$1,198.19
				x	x	=	
			Contractors Note: Furnish and install epoxy base once railing posts are installed. Minimum of 6" embedment.				
75	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: July 30, 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							
76	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.							
77	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.							
78	03 11 23 00-0002	0008		For Quantities < 1000, Add	\$175.82		
				Quantity	Unit Price	Factor	Total
			Installation	55.00	x 2.66	x 1.2018	= \$175.82
Contractors Note:							
79	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							
80	03 21 13 00-0006	0021		For Epoxy Coated, Add	\$657.86		
				Quantity	Unit Price	Factor	Total
			Installation	0.60	x 912.33	x 1.2018	= \$657.86
Contractors Note:							
81	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							
82	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.							
83	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							
84	03 31 13 00-0034	0037		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:							
85	03 31 13 00-0034	0047		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: July 30, 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							
86	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							
87	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:							
88	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:							
89	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							
90	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.							
91	03 35 16 00-0005	0057		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:							
92	05 05 23 00-0189		EA	3/8" Multi-Set Anchor	\$596.87		
				Quantity	Unit Price	Factor	Total
			Installation	35.00 x	14.19 x	1.2018 =	\$596.87
Contractors Note: Concrete anchors for new railings							
93	05 05 23 00-0189	0044	EA	For Quantities > 10 To 50, Deduct	\$-29.02		
				Quantity	Unit Price	Factor	Total
			Installation	35.00 x	-0.69 x	1.2018 =	\$-29.02
Contractors Note:							
94	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							
95	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	\$3,224.97		
				Quantity	Unit Price	Factor	Total
			Installation	55.00 x	39.95 x	1.2018 =	\$2,640.66
			Demolition	55.00 x	8.84 x	1.2018 =	\$584.32
Contractors Note: Replace railings throughout							

Proposal Review Detail - Category Continued..

Date: July 30, 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								
96	05 52 13 00-0005	0088	LF	For Aluminum, Clear Anodized Finish, Add				\$956.45
				Quantity	Unit Price	Factor	Total	
				Installation	55.00 x	14.47 x	1.2018 =	\$956.45
Contractors Note:								
97	05 52 13 00-0005	0100	LF	For Mounting On Stairs, Add				\$322.56
				Quantity	Unit Price	Factor	Total	
				Installation	55.00 x	4.88 x	1.2018 =	\$322.56
Contractors Note:								
98	05 52 13 00-0005	0101	LF	For Mounting On Slopes, Add				\$117.00
				Quantity	Unit Price	Factor	Total	
				Installation	55.00 x	1.77 x	1.2018 =	\$117.00
Contractors Note:								
99	05 52 13 00-0005	0102	LF	For Post Base Flange With Screws, Add Per Post				\$1,273.73
				Quantity	Unit Price	Factor	Total	
				Installation	55.00 x	19.27 x	1.2018 =	\$1,273.73
Contractors Note:								
100	05 73 00 00-0016		LF	Refinish Metal Handrail				\$556.55
				Quantity	Unit Price	Factor	Total	
				Installation	55.00 x	8.42 x	1.2018 =	\$556.55
Contractors Note: Line item used to powder coat new railings throughout								
101	07 92 00 00-0023		CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking				\$957.92
				Quantity	Unit Price	Factor	Total	
				Installation	1.50 x	379.11 x	1.2018 =	\$683.42
				Demolition	1.50 x	152.27 x	1.2018 =	\$274.50
Contractors Note: Continuous sealant around slotted railing posts once epoxy base is installed.								
102	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.								
103	31 05 16 00-0003	0053		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:								
104	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								
105	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 #3								

Proposal Review Detail - Category Continued..

Date: July 30, 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							
106	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							
107	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							
108	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							
109	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							
110	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 #3:					\$63,928.67		
Staircase #4							
111	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 #4							
112	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 #4							
113	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							
114	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.							

Proposal Review Detail - Category Continued..

Date: July 30, 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							
115	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.							
116	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							
117	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							
118	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							
119	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.							
120	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							
121	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							
122	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.							

Proposal Review Detail - Category Continued..

Date: July 30, 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							
123	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							
124	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							
125	02 41 19 13-0094		EA	Drill 3" (76 mm) Diameter Core In 4" (10 cm) Concrete	\$8,148.20		
				Quantity	Unit Price	Factor	Total
			Installation	120.00 x	56.50 x	1.2018 =	\$8,148.20
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.							
126	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							
127	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.							
128	03 01 30 71-0015		LF	Epoxy Injection, Up To 1/4" Wide	\$1,198.19		
				Quantity	Unit Price	Factor	Total
			Installation	25.00 x	39.88 x	1.2018 =	\$1,198.19
Contractors Note: Furnish and install epoxy base once railing posts are installed. Minimum of 6" embedment.							
129	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							
130	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.							
131	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.							
132	03 11 23 00-0002	0008		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: July 30, 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							
133	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 #4.							
134	03 21 13 00-0006	0021		For Epoxy Coated, Add	\$657.86		
				Quantity	Unit Price	Factor	Total
			Installation	0.60 x	912.33 x	1.2018 =	\$657.86
Contractors Note:							
135	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							
136	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 #4 due to the width of the stairs.							
137	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 #4							
138	03 31 13 00-0034	0037		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:							
139	03 31 13 00-0034	0047		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:							
140	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 #4							
141	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:							
142	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:							

Proposal Review Detail - Category Continued..

Date: July 30, 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							
143	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							
144	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.							
145	03 35 16 00-0005	0057		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:							
146	05 05 23 00-0189		EA	3/8" Multi-Set Anchor	\$596.87		
				Quantity	Unit Price	Factor	Total
				Installation	35.00 x 14.19 x	1.2018 =	\$596.87
Contractors Note: Concrete anchors for new railings							
147	05 05 23 00-0189	0044	EA	For Quantities > 10 To 50, Deduct	\$-29.02		
				Quantity	Unit Price	Factor	Total
				Installation	35.00 x -0.69 x	1.2018 =	\$-29.02
Contractors Note:							
148	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							
149	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	\$3,224.97		
				Quantity	Unit Price	Factor	Total
				Installation	55.00 x 39.95 x	1.2018 =	\$2,640.66
				Demolition	55.00 x 8.84 x	1.2018 =	\$584.32
Contractors Note: Replace railings throughout							
150	05 52 13 00-0005	0088	LF	For Aluminum, Clear Anodized Finish, Add	\$956.45		
				Quantity	Unit Price	Factor	Total
				Installation	55.00 x 14.47 x	1.2018 =	\$956.45
Contractors Note:							
151	05 52 13 00-0005	0100	LF	For Mounting On Stairs, Add	\$322.56		
				Quantity	Unit Price	Factor	Total
				Installation	55.00 x 4.88 x	1.2018 =	\$322.56
Contractors Note:							
152	05 52 13 00-0005	0101	LF	For Mounting On Slopes, Add	\$117.00		
				Quantity	Unit Price	Factor	Total
				Installation	55.00 x 1.77 x	1.2018 =	\$117.00
Contractors Note:							

Proposal Review Detail - Category Continued..

Date: July 30, 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							
153	05 52 13 00-0005	0102	LF	For Post Base Flange With Screws, Add Per Post	\$1,273.73		
				Quantity	Unit Price	Factor	Total
			Installation	55.00	19.27	1.2018	\$1,273.73
				x	x	=	
Contractors Note:							
154	05 73 00 00-0016		LF	Refinish Metal Handrail	\$556.55		
				Quantity	Unit Price	Factor	Total
			Installation	55.00	8.42	1.2018	\$556.55
				x	x	=	
Contractors Note: Line item used to powder coat new railings throughout							
155	07 92 00 00-0023		CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	\$957.92		
				Quantity	Unit Price	Factor	Total
			Installation	1.50	379.11	1.2018	\$683.42
			Demolition	1.50	152.27	1.2018	\$274.50
				x	x	=	
Contractors Note: Continuous sealant around slotted railing posts once epoxy base is installed.							
156	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	22.09	1.2018	\$663.69
				x	x	=	
Contractors Note: Furnish and install new aggregate for concrete stairs.							
157	31 05 16 00-0003	0053		For Quantities > 10 To 25 (> 8 To 19 M3), Add	\$66.40		
				Quantity	Unit Price	Factor	Total
			Installation	25.00	2.21	1.2018	\$66.40
				x	x	=	
Contractors Note:							
158	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	62.05	1.2018	\$2,610.01
				x	x	=	
Contractors Note: Excavate existing spoils in order to install new staircase foundation footings, walls and frost walls							
159	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	4.46	1.2018	\$246.56
				x	x	=	
Contractors Note: Grade and compact new CA-7 stone fill at staircase #4							
160	31 23 36 00-0056		SY	Fine Grading Of Landscaped And Green Areas	\$81.79		
				Quantity	Unit Price	Factor	Total
			Installation	166.00	0.41	1.2018	\$81.79
				x	x	=	
Contractors Note: Fine grade restoration areas prior to sod install							
161	32 01 80 26-0002		MSF	Watering Sod/Grass, Per Inch Of Water	\$669.05		
				Quantity	Unit Price	Factor	Total
			Installation	21.00	26.51	1.2018	\$669.05
				x	x	=	
Contractors Note: Provide new sod watering							
162	32 91 13 38-0005		SY	Roll Topsoil With Machine	\$161.59		
				Quantity	Unit Price	Factor	Total
			Installation	166.00	0.81	1.2018	\$161.59
				x	x	=	
Contractors Note: Topsoil / sod rolling							

Proposal Review Detail - Category Continued..

Date: July 30, 2019
 Work Order #: 068496.00
 Title: Village of Tinley Park - Train Station 3rd and 4th phase railings

Rec#	CSI Number	Mod.	UCM	Description	Line Total		
Staircase #4							
163	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							
164	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: \$63,928.67

Proposal Total \$198,786.01

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: 0.00%



VILLAGE IN TRAIL
PARK RD. #75 MITTA
STATION

LEGAT ARCHITECTS
24 NORTH CHASE ST.
MILWAUKEE, WI 53211
TEL: 414-333-4499

KMI
Kellinmont, Mettala, Inc.
447 GARDNER ST. MILWAUKEE, WI 53211
TEL: 414-333-4499

1	200	200	200
2	200	200	200
3	200	200	200
4	200	200	200
5	200	200	200
6	200	200	200
7	200	200	200
8	200	200	200
9	200	200	200
10	200	200	200

DATE:	01/06/08
ROW:	CHECKED
DATE:	01/06/08
BY:	TCM
PROJECT NO:	PROJ. MANAGER
DATE:	TCM
DRAWING NO:	251
PROJECT NO:	AS11.00A
DRAWING TITLE:	ARCHITECTURAL SITE PLAN - ALTERNATE TUNNEL OPTION
DATE:	01/06/08

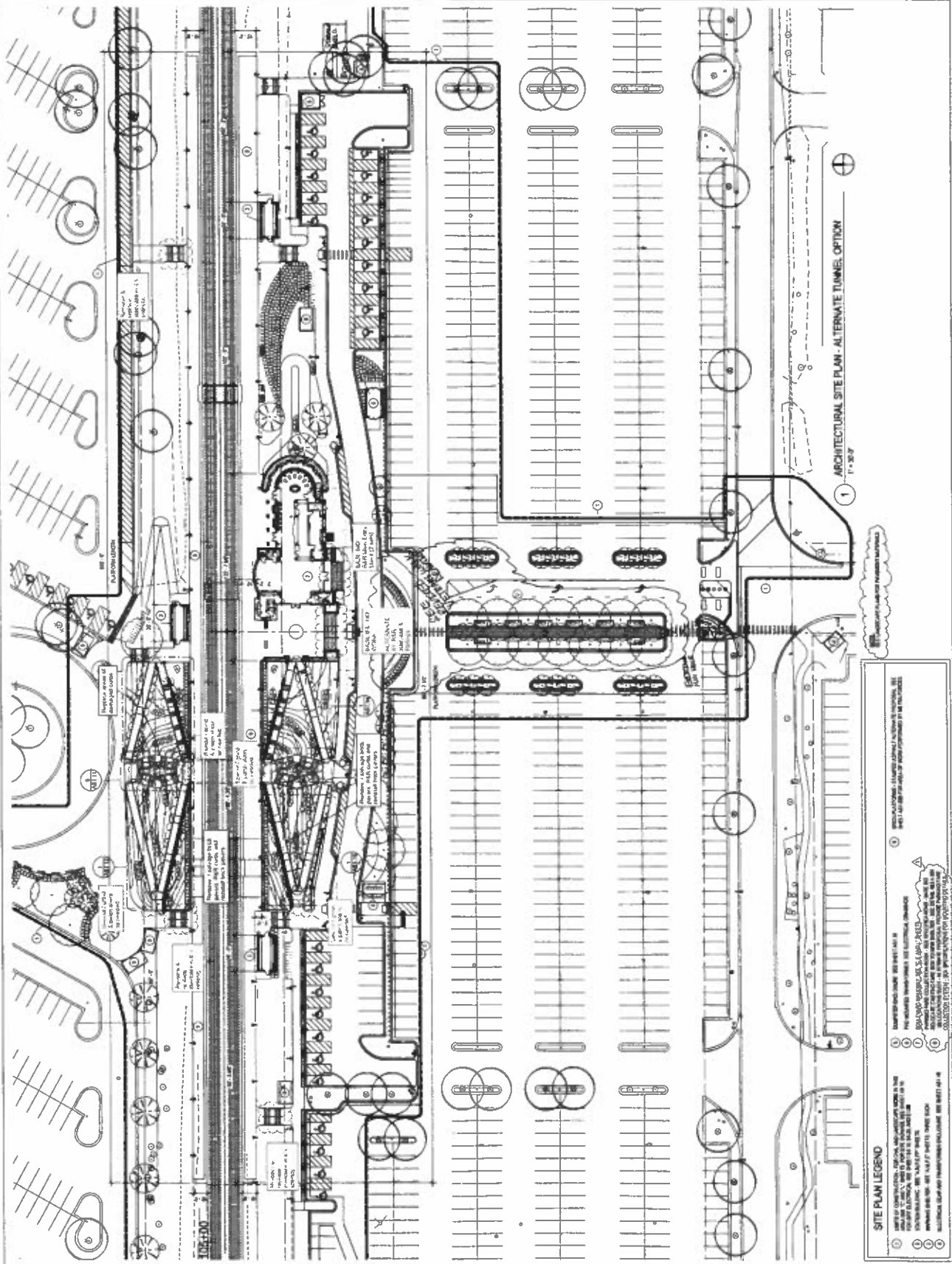


Exhibit B

INSURANCE REQUIREMENTS

(See Risk Manager for Insurance Requirements)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
09/21/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER MARSH USA INC. 540 W. MADISON CHICAGO, IL 60661 Attn: chicago.CertRequest@marsh.com	CONTACT NAME: PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS:														
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Zurich American Insurance Company</td> <td>16535</td> </tr> <tr> <td>INSURER B : American Zurich Insurance Company</td> <td>40142</td> </tr> <tr> <td>INSURER C : American Guarantee and Liability Insurance Company</td> <td>26247</td> </tr> <tr> <td>INSURER D : Indian Harbor Insurance Company</td> <td>36940</td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Zurich American Insurance Company	16535	INSURER B : American Zurich Insurance Company	40142	INSURER C : American Guarantee and Liability Insurance Company	26247	INSURER D : Indian Harbor Insurance Company	36940	INSURER E :		INSURER F :
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INSURER D : Indian Harbor Insurance Company	36940														
INSURER E :															
INSURER F :															
INSURED F.H. Paschen, S.N. Nielsen & Associates LLC 5515 N. East River Road Chicago, IL 60656															

COVERAGES **CERTIFICATE NUMBER:** CHI-008665552-06 **REVISION NUMBER:** 3

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		GLO 5833476-06	10/01/2018	10/01/2019	EACH OCCURRENCE	\$ 1,000,000
						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
						MED EXP (Any one person)	\$ 10,000
						PERSONAL & ADV INJURY	\$ 1,000,000
						GENERAL AGGREGATE	\$ 2,000,000
						PRODUCTS - COMPOP AGG	\$ 2,000,000
							\$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		BAP5833474-06	10/01/2018	10/01/2019	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
						BODILY INJURY (Per person)	\$
						BODILY INJURY (Per accident)	\$
						PROPERTY DAMAGE (Per accident)	\$
							\$
C	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		SXS 0222911-02	10/01/2018	10/01/2019	EACH OCCURRENCE	\$ 1,000,000
						AGGREGATE	\$ 2,000,000
							\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	WC 5833475-06 (AOS) WC 5833477-06 (WI)	10/01/2018 10/01/2018	10/01/2019 10/01/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT	\$ 1,000,000
						E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
						E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
D	Professional / Pollution Liability		CEO7420104-05 'SIR: \$250,000'	10/01/2018	10/01/2019	Each Act Aggregate	5,000,000 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Village of Tinley Park is/are included as additional insured (except Workers' Compensation) where required by written contract. This insurance is primary and non-contributory over any existing insurance and limited to liability arising out of the operations of the named insured and where required by written contract. Waiver of subrogation is applicable where required by written contract. The Umbrella policy is follow form subject to policy terms, conditions, and exclusions. XCU-Explosion, Collapse, Underground is included on the General Liability policy.

CERTIFICATE HOLDER Village of Tinley Park 16250 S. Oak Park Ave. Tinley Park, IL 60477	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE of Marsh USA Inc. Manashi Mukherjee <i>Manashi Mukherjee</i>
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ADDITIONAL REMARKS SCHEDULE

AGENCY MARSH USA INC.		NAMED INSURED F.H. Paschen, S.N. Nielsen & Associates LLC 5515 N. East River Road Chicago, IL 60656	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance**

Umbrella Liability
 Insurer: XL Specialty Insurance Company
 Policy Number: US00076565L118A
 Policy Period: 10/01/2018 - 10/01/2019
 Each Occurrence: \$25,000,000
 Aggregate: \$25,000,000
 SIR: \$10,000

First Layer Excess Liability
 Insurer: Endurance American Insurance Company
 Policy Number: EXC10004227005
 Policy Period: 10/01/2018 - 10/01/2019
 Each Occurrence: \$25,000,000
 Aggregate: \$25,000,000