

Job Order Contract

**Proposal Review Summary - Category**

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**Date:** June 07, 2019  
**Work Order #:** 067215.00  
**Title:** City of Aurora - REPLACE STEPS AND BUILD OVERHANG, INSTALL RAILINGS  
**Contractor:** 11-082 - F. H. Paschen, S. N. Nielsen & Associates LLC  
**Proposal Value:** \$142,284.17  
**Proposal Name:** City of Aurora - REPLACE STEPS AND BUILD OVERHANG, INSTALL RAILINGS Rev 01  
**Proposal Submitted:** 06/06/2019

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<b>Concrete:</b>	<b>\$87,578.49</b>
<b>Railings:</b>	<b>\$10,884.73</b>
<b>Staircase 1 Epoxy:</b>	<b>\$15,855.96</b>
<b>Staircase 2 Epoxy:</b>	<b>\$13,920.44</b>
<b>Staircase 3 Epoxy:</b>	<b>\$14,044.54</b>
<b>Proposal Total</b>	<b>\$142,284.17</b>

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

**The Percent of NPP on this Proposal:**                    **0.00%**

Job Order Contract

Proposal Review Detail - Category

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Rec#	CSI Number	Mod.	UOM	Description	Line Total
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**Concrete**

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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	Installation	Quantity	Unit Price	Factor	Total
		5,000.00	1.00	1.0000 =	\$5,000.00

**Contractors Note:** Reimbursable fee for BNSF Permit Fees

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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	Installation	Quantity	Unit Price	Factor	Total
		2,000.00	1.00	1.0000 =	\$2,000.00

**Contractors Note:** Reimbursable fee for Railroad Protective Liability Insurance

3	01 22 23 00-0147		DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	\$6,898.33
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	Installation	Quantity	Unit Price	Factor	Total
		7.00	820.00	1.2018 =	\$6,898.33

**Contractors Note:** Backhoe/bobcat used to assist in excavation, hauling debris from work area to parking lot, backfilling and hauling stone from parking lot to work area.

4	01 22 23 00-0147		DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	\$1,970.95
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	Installation	Quantity	Unit Price	Factor	Total
		2.00	820.00	1.2018 =	\$1,970.95

**Contractors Note:** Landscape bobcat onsite used for landscape restoration upon completion of the project.

Proposal Review Detail - Category Continued..

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Rec#	CSI Number	Mod.	UOM	Description	Line Total		
<b>Concrete</b>							
5	01 22 23 00-0162		DAY	Backhoe Attachment For Skid-Steer Loaders	\$964.71		
				Quantity	Unit Price	Factor	Total
			Installation	8.00	x 100.34	x 1.2018	= \$964.71
<b>Contractors Note:</b> Backhoe/bobcat used to assist in excavation, hauling debris from work area to parking lot, backfilling and hauling stone from parking lot to work area.							
6	01 31 26 00-0004		EA	Minimum Labor Cost, 3 Person Crew Size	\$1,005.91		
				Quantity	Unit Price	Factor	Total
			Installation	1.00	x 837.00	x 1.2018	= \$1,005.91
<b>Contractors Note:</b> Minimum labor charge for formwork removal.							
7	01 55 26 00-0010		CLF	Safety Tape For Area Isolation	\$57.27		
				Quantity	Unit Price	Factor	Total
			Installation	5.00	x 9.53	x 1.2018	= \$57.27
<b>Contractors Note:</b> Safety tape to isolate construction lay down areas							
8	01 55 26 00-0108		EA	Place And Remove Up To 250 Barricades By Hand From Roadside	\$122.22		
				Quantity	Unit Price	Factor	Total
			Installation	30.00	x 3.39	x 1.2018	= \$122.22
<b>Contractors Note:</b> Barricades to isolate construction lay down areas							
9	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
<b>Contractors Note:</b> Mobilize and demobilize bobcat for concrete construction.							
10	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
<b>Contractors Note:</b> Mobilize / demobilize landscape bobcat / equipment.							
11	01 74 13 00-0003		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$1,061.07		
				Quantity	Unit Price	Factor	Total
			Installation	45.00	x 19.62	x 1.2018	= \$1,061.07
<b>Contractors Note:</b> Load debris into truck.							
12	01 74 13 00-0003		CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed	\$165.06		
				Quantity	Unit Price	Factor	Total
			Installation	7.00	x 19.62	x 1.2018	= \$165.06
<b>Contractors Note:</b> Loading of removed landscape spoils							

Proposal Review Detail - Category Continued..

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<b>Concrete</b>						
13	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.	\$1,377.98	
			Quantity	Unit Price	Factor	Total
		Installation	3.00 x	382.20 x	1.2018 =	\$1,377.98
<b>Contractors Note:</b> Dumpster for debris.						
14	01 74 19 00-0026	CY		Dump Fee, Asphalt, Concrete, Gravel And Subgrade Material	\$157.48	
			Quantity	Unit Price	Factor	Total
		Installation	7.00 x	18.72 x	1.2018 =	\$157.48
<b>Contractors Note:</b> Dump fee for landscape spoils						
15	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
<b>Contractors Note:</b> Minimum charge for sawcutting of staircase.						
16	02 41 19 13-0214	IN		3/4" Diameter Drilling In Concrete Per Inch Of Depth	\$3,028.54	
			Quantity	Unit Price	Factor	Total
		Installation	840.00 x	3.00 x	1.2018 =	\$3,028.54
<b>Contractors Note:</b> Drill into existing concrete to install dowels.						
17	02 41 19 13-0261	SF		Up To 6" Thick Concrete Cutouts, Up To 8 SF With Bar Reinforced, Slab On Grade	\$11,923.78	
			Quantity	Unit Price	Factor	Total
		Installation	260.00 x	38.16 x	1.2018 =	\$11,923.78
<b>Contractors Note:</b> Removal of existing concrete staircase.						
18	03 01 30 71-0015	LF		Epoxy Injection, Up To 1/4" Wide	\$3,594.58	
			Quantity	Unit Price	Factor	Total
		Installation	75.00 x	39.88 x	1.2018 =	\$3,594.58
<b>Contractors Note:</b> Epoxy injection for new dowels into concrete.						
19	03 05 00 00-0003	CY		Poly Fibers Reinforcing Concrete Mix - 1 1/2 Lb. Per CY	\$252.38	
			Quantity	Unit Price	Factor	Total
		Installation	30.00 x	7.00 x	1.2018 =	\$252.38
<b>Contractors Note:</b> Fibermesh reinforcement in concrete for durability.						
20	03 05 00 00-0024	SF		Concrete Sealer	\$99.99	
			Quantity	Unit Price	Factor	Total
		Installation	320.00 x	0.26 x	1.2018 =	\$99.99
<b>Contractors Note:</b> Seal concrete after concrete has cured.						
21	03 11 13 00-0007	SF		Below Grade Walls Foundation Wood Formwork Note: Excludes footing	\$2,171.53	
			Quantity	Unit Price	Factor	Total
		Installation	190.00 x	9.51 x	1.2018 =	\$2,171.53
<b>Contractors Note:</b> Formwork for new staircase foundation footings and wall footings.						

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Rec#	CSI Number	Mod.	UOM	Description	Line Total		
<b>Concrete</b>							
22	03 11 13 00-0007	0001	SF	For Quantities < 1000, Add	\$411.02		
				Quantity	Unit Price	Factor	Total
			Installation	190.00 x	1.80 x	1.2018 =	\$411.02
<b>Contractors Note:</b>							
23	03 11 23 00-0003		SF	Elevated Stairway Wood Formwork Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.	\$10,844.56		
				Quantity	Unit Price	Factor	Total
			Installation	340.00 x	26.54 x	1.2018 =	\$10,844.56
<b>Contractors Note:</b> Formwork required on either side of new staircase and for new sidewalls.							
24	03 11 23 00-0003	0008	SF	For Quantities < 1000, Add	\$2,104.35		
				Quantity	Unit Price	Factor	Total
			Installation	340.00 x	5.15 x	1.2018 =	\$2,104.35
<b>Contractors Note:</b>							
25	03 21 13 00-0006		TON	Grade 60 Reinforcing Steel, Footings And Slabs, #3-#6	\$3,326.19		
				Quantity	Unit Price	Factor	Total
			Installation	1.00 x	2,767.67 x	1.2018 =	\$3,326.19
<b>Contractors Note:</b> Furnish and install required rebar for new stairs, footings and sidewalls.							
26	03 21 13 00-0006	0021	TON	For Epoxy Coated, Add	\$1,096.44		
				Quantity	Unit Price	Factor	Total
			Installation	1.00 x	912.33 x	1.2018 =	\$1,096.44
<b>Contractors Note:</b>							
27	03 21 13 00-0026		EA	Straight Dowels, 5/8" Diameter x 24" Long (16 mm Diameter x 61 cm Long), Deformed	\$189.04		
				Quantity	Unit Price	Factor	Total
			Installation	55.00 x	2.86 x	1.2018 =	\$189.04
<b>Contractors Note:</b> Furnish and install new dowels to tie new staircase into existing concrete.							
28	03 21 13 00-0026	0025	EA	For Installation In Existing Concrete, Vertical, Add Per Inch Of Depth (Note: Includes Drilling Hole Into Concrete And Grout)	\$144.76		
				Quantity	Unit Price	Factor	Total
			Installation	55.00 x	2.19 x	1.2018 =	\$144.76
<b>Contractors Note:</b>							
29	03 31 13 00-0013		CY	Direct Chute, Place 3000 PSI Concrete Spread Footings	\$1,011.68		
				Quantity	Unit Price	Factor	Total
			Installation	5.00 x	168.36 x	1.2018 =	\$1,011.68
<b>Contractors Note:</b> Concrete for new footings and slabs.							
30	03 31 13 00-0013	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$53.48		
				Quantity	Unit Price	Factor	Total
			Installation	5.00 x	8.90 x	1.2018 =	\$53.48
<b>Contractors Note:</b>							
31	03 31 13 00-0013	0046	CY	For Quantities Up To 20, Add	\$155.87		
				Quantity	Unit Price	Factor	Total
			Installation	5.00 x	25.94 x	1.2018 =	\$155.87
<b>Contractors Note:</b>							

Proposal Review Detail - Category Continued..

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Rec#	CSI Number	Mod.	UOM	Description	Line Total		
<b>Concrete</b>							
32	03 31 13 00-0034		CY	Direct Chute, Place 3000 PSI On Grade Concrete Stairs	\$4,418.60		
				Quantity	Unit Price	Factor	Total
			Installation	15.00 x	245.11 x	1.2018 =	\$4,418.60
<b>Contractors Note:</b> Concrete for new stairs.							
33	03 31 13 00-0034	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$160.44		
				Quantity	Unit Price	Factor	Total
			Installation	15.00 x	8.90 x	1.2018 =	\$160.44
<b>Contractors Note:</b>							
34	03 31 13 00-0034	0046	CY	For Quantities Up To 20, Add	\$1,021.05		
				Quantity	Unit Price	Factor	Total
			Installation	15.00 x	56.64 x	1.2018 =	\$1,021.05
<b>Contractors Note:</b>							
35	03 31 13 00-0062		CY	12" Thick, By Direct Chute, Place 3000 PSI Concrete Walls	\$1,992.10		
				Quantity	Unit Price	Factor	Total
			Installation	10.00 x	165.76 x	1.2018 =	\$1,992.10
<b>Contractors Note:</b> Concrete for new sidewalls.							
36	03 31 13 00-0062	0037	CY	For 4000 PSI (280 Kg/Cm2) Concrete, Add	\$106.96		
				Quantity	Unit Price	Factor	Total
			Installation	10.00 x	8.90 x	1.2018 =	\$106.96
<b>Contractors Note:</b>							
37	03 31 13 00-0062	0051	CY	For Quantities Up To 20, Add	\$299.25		
				Quantity	Unit Price	Factor	Total
			Installation	10.00 x	24.90 x	1.2018 =	\$299.25
<b>Contractors Note:</b>							
38	03 31 13 00-0086		CY	150' (46 m) Haul, Non-Motorized, Concrete Buggy	\$603.30		
				Quantity	Unit Price	Factor	Total
			Installation	20.00 x	25.10 x	1.2018 =	\$603.30
<b>Contractors Note:</b> Buggy utilized to assist in hauling new and demolished concrete and construction debris.							
39	03 35 16 00-0003		SF	Concrete Floor Finishes, Broom	\$411.50		
				Quantity	Unit Price	Factor	Total
			Installation	320.00 x	1.07 x	1.2018 =	\$411.50
<b>Contractors Note:</b> Finishing of new concrete stairs and sidewalls.							
40	05 05 23 00-0181		EA	1/2" Diameter x 6" Long Concrete Strike Anchor	\$817.70		
				Quantity	Unit Price	Factor	Total
			Installation	40.00 x	17.01 x	1.2018 =	\$817.70
<b>Contractors Note:</b> Anchors to fix in place 4'x8' Temp barriers to stop pedestrian traffic from entering construction area during rush hours.							
41	06 11 16 00-0040		LF	2"x4" (5cm x 10cm) Stud Framing, For Partition Walls	\$232.55		
				Quantity	Unit Price	Factor	Total
			Installation	150.00 x	1.29 x	1.2018 =	\$232.55
<b>Contractors Note:</b> 2x4 for construction of 4'x8' Temp barriers to stop pedestrian traffic from entering construction area during rush hours.							

Proposal Review Detail - Category Continued..

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Rec#	CSI Number	Mod.	UOM	Description	Line Total		
<b>Concrete</b>							
42	06 16 33 00-0010		SF	3/8" (9.5mm) Interior BC Plywood Wall Sheathing Note: Applied To Wall Studs	\$3,259.28		
				Quantity	Unit Price	Factor	Total
			Installation	1,200.00	x 1.62	x 1.2018	= \$2,336.30
			Demolition	1,200.00	x 0.64	x 1.2018	= \$922.98
<b>Contractors Note:</b> Sheathing 150' of temp barriers to stop pedestrian traffic from entering construction area during rush hours. Cost includes removal of temporary barriers upon completion of the work.							
43	06 16 33 00-0010	0005	SF	For Exterior CC Grade Plywood, Add	\$86.53		
				Quantity	Unit Price	Factor	Total
			Installation	1,200.00	x 0.06	x 1.2018	= \$86.53
<b>Contractors Note:</b>							
44	31 05 16 00-0005		CY	#6 Stone Aggregate Fill (3/8" To 3/4" Clean)	\$715.37		
				Quantity	Unit Price	Factor	Total
			Installation	25.00	x 23.81	x 1.2018	= \$715.37
<b>Contractors Note:</b> Furnish and install new aggregate for concrete stair and fill material.							
45	31 05 16 00-0005	0053	CY	For Quantities > 10 To 25 (> 8 To 19 M3), Add	\$71.51		
				Quantity	Unit Price	Factor	Total
			Installation	25.00	x 2.38	x 1.2018	= \$71.51
<b>Contractors Note:</b>							
46	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
<b>Contractors Note:</b> Excavate existing spoils in order to install new staircase, footings and sidewalls.							
47	31 23 36 00-0012		CY	Excavation Around Buried Structures To Remain > 8'	\$318.36		
				Quantity	Unit Price	Factor	Total
			Installation	30.00	x 8.83	x 1.2018	= \$318.36
<b>Contractors Note:</b> Excavate soil surrounding stair set and sidewall for new construction.							
48	31 23 36 00-0034		CY	Loading Or Spreading Of Stockpile (0-500 CY)	\$61.53		
				Quantity	Unit Price	Factor	Total
			Installation	20.00	x 2.56	x 1.2018	= \$61.53
<b>Contractors Note:</b> Spreading of stockpiled soil upon completion of construction of new concrete stairs and sidewalls.							
49	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.	\$214.40		
				Quantity	Unit Price	Factor	Total
			Installation	40.00	x 4.46	x 1.2018	= \$214.40
<b>Contractors Note:</b> Grade and compact stone at new staircase location.							
50	31 23 36 00-0056		SY	Fine Grading Of Landscaped And Green Areas	\$14.78		
				Quantity	Unit Price	Factor	Total
			Installation	30.00	x 0.41	x 1.2018	= \$14.78
<b>Contractors Note:</b> Fine grading of area before concrete pour.							

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<b>Concrete</b>							
51	32 32 19 00-0006		LF	\$16.00/ton 8' High Stone Retaining Wall, Dry Set	\$8,093.26		
				Quantity	Unit Price	Factor	Total
				Installation	6.00 x 748.27	x 1.2018 =	\$5,395.63
				Demolition	6.00 x 374.11	x 1.2018 =	\$2,697.63
				<b>Contractors Note:</b> Labor only for the removal and reinstall of the retaining wall surrounding each side of concrete sidewall and stair set.			
52	32 91 19 13-0013		SY	Furnish And Place Imported Topsoil, 4" Deep	\$197.58		
				Quantity	Unit Price	Factor	Total
				Installation	30.00 x 5.48	x 1.2018 =	\$197.58
				<b>Contractors Note:</b> Furnish and install new topsoil for landscape repairs upon completion of the project.			
<b>Subtotal for Concrete:</b>					<b>\$87,578.49</b>		
<b>Railings</b>							
53	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
				<b>Contractors Note:</b> Generator on site for field welding of railings.			
54	01 31 26 00-0004		EA	Minimum Labor Cost, 3 Person Crew Size	\$1,005.91		
				Quantity	Unit Price	Factor	Total
				Installation	1.00 x 837.00	x 1.2018 =	\$1,005.91
				<b>Contractors Note:</b> Minimum charge for grinding of existing railings for removal prior to concrete pouring on sidewalls.			
55	02 41 19 13-0094		EA	Drill 3" (76 mm) Diameter Core In 4" (10 cm) Concrete	\$1,629.64		
				Quantity	Unit Price	Factor	Total
				Installation	24.00 x 56.50	x 1.2018 =	\$1,629.64
				<b>Contractors Note:</b> Drill new post holes for railings.			
56	03 01 30 71-0015		LF	Epoxy Injection, Up To 1/4" Wide	\$958.56		
				Quantity	Unit Price	Factor	Total
				Installation	20.00 x 39.88	x 1.2018 =	\$958.56
				<b>Contractors Note:</b> Furnish and install epoxy at each railing base once railing posts are installed.			
57	05 12 23 00-0122		EA	> 15 Spot Weldings, Welds Up To 1" Length Each	\$626.09		
				Quantity	Unit Price	Factor	Total
				Installation	64.00 x 8.14	x 1.2018 =	\$626.09
				<b>Contractors Note:</b> Field welding of railings.			
58	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	\$3,811.33		
				Quantity	Unit Price	Factor	Total
				Installation	65.00 x 39.95	x 1.2018 =	\$3,120.77
				Demolition	65.00 x 8.84	x 1.2018 =	\$690.55
				<b>Contractors Note:</b> Removal of railings for new concrete work to begin and new railing installation upon completion of concrete sidewall construction.			
59	05 52 13 00-0005	0100	LF	For Mounting On Stairs, Add	\$381.21		
				Quantity	Unit Price	Factor	Total
				Installation	65.00 x 4.88	x 1.2018 =	\$381.21
				<b>Contractors Note:</b>			



Proposal Review Detail - Category Continued..

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Rec#	CSI Number	Mod.	UOM	Description	Line Total		
<b>Railings</b>							
60	05 52 13 00-0005	0101	LF	For Mounting On Slopes, Add	\$138.27		
				Quantity	Unit Price	Factor	Total
			Installation	65.00 x	1.77 x	1.2018 =	\$138.27
<b>Contractors Note:</b>							
61	05 52 13 00-0005	0102	LF	For Post Base Flange With Screws, Add Per Post	\$833.71		
				Quantity	Unit Price	Factor	Total
			Installation	36.00 x	19.27 x	1.2018 =	\$833.71
<b>Contractors Note:</b>							
62	07 92 00 00-0023		CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	\$638.61		
				Quantity	Unit Price	Factor	Total
			Installation	1.00 x	379.11 x	1.2018 =	\$455.61
			Demolition	1.00 x	152.27 x	1.2018 =	\$183.00
<b>Contractors Note:</b> Sealant around railing posts							
<b>Subtotal for Railings:</b>					<b>\$10,884.73</b>		
<b>Staircase 1 Epoxy</b>							
63	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
<b>Contractors Note:</b> Mobilize and demobilize epoxy crew equipment for staircase #1 & #2 due to different mobilizations							
64	02 41 19 13-0010		SF	Scarify Floor	\$862.59		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	1.45 x	1.2018 =	\$862.59
<b>Contractors Note:</b> Grind and scarify concrete prior to installation of new epoxy flooring / coatings on staircase #1							
65	09 35 00 00-0001		SF	Chemical Resistant Thin-Set - Epoxy and Furan Resin Mortar	\$2,028.58		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	3.41 x	1.2018 =	\$2,028.58
<b>Contractors Note:</b> Skim coat areas of concrete stairs prior to floor coating application on staircase #1							
66	09 67 29 00-0005		SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4", Chemical Resistant (10000 - 12000 PSI)	\$8,929.31		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	15.01 x	1.2018 =	\$8,929.31
<b>Contractors Note:</b> Apply two coat epoxy floor coating system on entire staircase #1							
67	09 67 29 00-0005	0198	SF	For Quantities Up To 500, Add	\$1,838.21		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	3.09 x	1.2018 =	\$1,838.21
<b>Contractors Note:</b>							

Proposal Review Detail - Category Continued..

**Date:** June 07, 2019  
**Work Order #:** 067215.00  
**Title:** City of Aurora - REPLACE STEPS AND BUILD OVERHANG, INSTALL RAILINGS

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
<b>Staircase 1 Epoxy</b>							
68	09 67 29 00-0005	0418	SF	For Skid Resistant Abrasive Sand Finish, Add	\$17.85		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	0.03 x	1.2018 =	\$17.85
<b>Contractors Note:</b>							
69	09 91 43 00-0007		SF	Pressure Wash Concrete Or Masonry, Up To 5,000 PSI	\$214.16		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	0.36 x	1.2018 =	\$214.16
<b>Contractors Note:</b> Wash concrete staircase prior to floor coating application on staircase #1							
70	09 91 43 00-0007	0358	SF	For Quantities > 250 To 500, Add	\$29.74		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	0.05 x	1.2018 =	\$29.74
<b>Contractors Note:</b>							
<b>Subtotal for Staircase 1 Epoxy:</b>					<b>\$15,855.96</b>		
<b>Staircase 2 Epoxy</b>							
71	02 41 19 13-0010		SF	Scarify Floor	\$862.59		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	1.45 x	1.2018 =	\$862.59
<b>Contractors Note:</b> Grind and scarify concrete prior to installation of new epoxy flooring / coatings.							
72	09 35 00 00-0001		SF	Chemical Resistant Thin-Set - Epoxy and Furan Resin Mortar	\$2,028.58		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	3.41 x	1.2018 =	\$2,028.58
<b>Contractors Note:</b> Skim coat areas of concrete stairs prior to floor coating application							
73	09 67 29 00-0005		SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4", Chemical Resistant (10000 - 12000 PSI)	\$8,929.31		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	15.01 x	1.2018 =	\$8,929.31
<b>Contractors Note:</b> Apply two coat epoxy floor coating system on entire staircase.							
74	09 67 29 00-0005	0198	SF	For Quantities Up To 500, Add	\$1,838.21		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	3.09 x	1.2018 =	\$1,838.21
<b>Contractors Note:</b>							
75	09 67 29 00-0005	0418	SF	For Skid Resistant Abrasive Sand Finish, Add	\$17.85		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	0.03 x	1.2018 =	\$17.85
<b>Contractors Note:</b>							
76	09 91 43 00-0007		SF	Pressure Wash Concrete Or Masonry, Up To 5,000 PSI	\$214.16		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	0.36 x	1.2018 =	\$214.16
<b>Contractors Note:</b> Wash concrete staircase prior to floor coating application.							

Proposal Review Detail - Category Continued..

**Date:** June 07, 2019  
**Work Order #:** 067215.00  
**Title:** City of Aurora - REPLACE STEPS AND BUILD OVERHANG, INSTALL RAILINGS

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
<b>Staircase 2 Epoxy</b>							
77	09 91 43 00-0007	0358	SF	For Quantities > 250 To 500, Add	\$29.74		
				Quantity	Unit Price	Factor	Total
			Installation	495.00 x	0.05 x	1.2018 =	\$29.74
<b>Contractors Note:</b>							
<b>Subtotal for Staircase 2 Epoxy:</b>					<b>\$13,920.44</b>		
<b>Staircase 3 Epoxy</b>							
78	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
<b>Contractors Note:</b> Mobilize and demobilize epoxy crew equipment for staircase #3							
79	02 41 19 13-0010		SF	Scarify Floor	\$810.31		
				Quantity	Unit Price	Factor	Total
			Installation	465.00 x	1.45 x	1.2018 =	\$810.31
<b>Contractors Note:</b> Grind and scarify concrete prior to installation of new epoxy flooring / coatings on staircase #3							
80	09 35 00 00-0001		SF	Chemical Resistant Thin-Set - Epoxy and Furan Resin Mortar	\$1,905.63		
				Quantity	Unit Price	Factor	Total
			Installation	465.00 x	3.41 x	1.2018 =	\$1,905.63
<b>Contractors Note:</b> Skim coat areas of concrete stairs prior to floor coating application on staircase #3							
81	09 67 29 00-0005		SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4", Chemical Resistant (10000 - 12000 PSI)	\$8,388.14		
				Quantity	Unit Price	Factor	Total
			Installation	465.00 x	15.01 x	1.2018 =	\$8,388.14
<b>Contractors Note:</b> Apply two coat epoxy floor coating system on entire staircase #3							
82	09 67 29 00-0005	0198	SF	For Quantities Up To 500, Add	\$1,726.81		
				Quantity	Unit Price	Factor	Total
			Installation	465.00 x	3.09 x	1.2018 =	\$1,726.81
<b>Contractors Note:</b>							
83	09 67 29 00-0005	0418	SF	For Skid Resistant Abrasive Sand Finish, Add	\$16.77		
				Quantity	Unit Price	Factor	Total
			Installation	465.00 x	0.03 x	1.2018 =	\$16.77
<b>Contractors Note:</b>							
84	09 91 43 00-0007		SF	Pressure Wash Concrete Or Masonry, Up To 5,000 PSI	\$201.18		
				Quantity	Unit Price	Factor	Total
			Installation	465.00 x	0.36 x	1.2018 =	\$201.18
<b>Contractors Note:</b> Wash concrete staircase prior to floor coating application on staircase #3							

Proposal Review Detail - Category Continued..

**Date:** June 07, 2019  
**Work Order #:** 067215.00  
**Title:** City of Aurora - REPLACE STEPS AND BUILD OVERHANG, INSTALL RAILINGS

Rec#	CSI Number	Mod.	UOM	Description	Line Total	
<b>Staircase 3 Epoxy</b>						
85	09 91 43 00-0007	0358	SF	For Quantities > 250 To 500, Add	\$27.94	
				Installation		
			Quantity	Unit Price	Factor	Total
			465.00	x 0.05	x 1.2018	= \$27.94

Contractors Note:

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**Subtotal for Staircase 3 Epoxy:** **\$14,044.54**

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**Proposal Total** **\$142,284.17**

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%**