

Job Order Contract

Price Proposal Summary - CSI

Date: March 04, 2024
Contract Number: 19013
Job Order Number: NS-014-CY24.A
Job Order Title: Naper Settlement Site wide Fiber Optic Improvement
Contractor: City of Naperville - Robe, Inc.
Proposal Value: \$628,600.74
Proposal Name: Naper Settlement Site wide Fiber Optic Improvement

01 - General Requirements:	\$18,692.15
02 - Site Work:	\$18,626.96
11 - Equipment:	\$6,735.99
26 - Electrical:	\$14,239.82
27 - Communications:	\$293,919.46
28 - Electronic Safety And Security:	\$28,322.40
33 - Utilities:	\$248,063.96
Proposal Total	\$628,600.74

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

Price Proposal Detail - CSI

Date: March 04, 2024
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Proposal Name: Naper Settlement Site wide Fiber Optic Improvement
Adjustment Factor(s) Used: 0.8206-Option 3 - Normal Working Hours

Rec#	CSI Number	Mod.	UOM	Description	Line Total								
01 - General Requirements													
1	01 22 20 00 0010		HR	ElectricianFor tasks not included in the Construction Task Catalog® and as directed by owner only.	\$15,619.30								
			Installation	<table border="0"> <tr> <td>Quantity</td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>200.00 x</td> <td>\$95.17 x</td> <td>0.8206 =</td> <td>\$15,619.30</td> </tr> </table>	Quantity	Unit Price	Factor	Total	200.00 x	\$95.17 x	0.8206 =	\$15,619.30	
Quantity	Unit Price	Factor	Total										
200.00 x	\$95.17 x	0.8206 =	\$15,619.30										
			User Note: configure and install backbone switch										
2	01 22 20 00 0010	Mod	HR	For Foreman, Add	\$781.21								
			Installation	<table border="0"> <tr> <td>Quantity</td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>200.00 x</td> <td>\$4.76 x</td> <td>0.8206 =</td> <td>\$781.21</td> </tr> </table>	Quantity	Unit Price	Factor	Total	200.00 x	\$4.76 x	0.8206 =	\$781.21	
Quantity	Unit Price	Factor	Total										
200.00 x	\$4.76 x	0.8206 =	\$781.21										
3	01 71 13 00 0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' BedIncludes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. 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 man lifts with >40' boom lengths, etc.	\$2,291.64								
			Installation	<table border="0"> <tr> <td>Quantity</td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>4.00 x</td> <td>\$698.16 x</td> <td>0.8206 =</td> <td>\$2,291.64</td> </tr> </table>	Quantity	Unit Price	Factor	Total	4.00 x	\$698.16 x	0.8206 =	\$2,291.64	
Quantity	Unit Price	Factor	Total										
4.00 x	\$698.16 x	0.8206 =	\$2,291.64										

Subtotal for 01 - General Requirements: \$18,692.15

02 - Site Work													
4	02 32 13 00 0002		EA	Mobilization Of Drilling Crew	\$906.71								
			Installation	<table border="0"> <tr> <td>Quantity</td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>1.00 x</td> <td>\$1,104.93 x</td> <td>0.8206 =</td> <td>\$906.71</td> </tr> </table>	Quantity	Unit Price	Factor	Total	1.00 x	\$1,104.93 x	0.8206 =	\$906.71	
Quantity	Unit Price	Factor	Total										
1.00 x	\$1,104.93 x	0.8206 =	\$906.71										
5	02 32 13 00 0020		CY	Excavation For Test Pit, Light Soil, Hand Excavation	\$4,958.80								
			Installation	<table border="0"> <tr> <td>Quantity</td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>30.00 x</td> <td>\$201.43 x</td> <td>0.8206 =</td> <td>\$4,958.80</td> </tr> </table>	Quantity	Unit Price	Factor	Total	30.00 x	\$201.43 x	0.8206 =	\$4,958.80	
Quantity	Unit Price	Factor	Total										
30.00 x	\$201.43 x	0.8206 =	\$4,958.80										
			User Note: Fore Directional boring										
6	02 41 19 13 0253		EA	Core Drill Minimum ChargeFor projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".	\$12,761.45								
			Installation	<table border="0"> <tr> <td>Quantity</td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>22.00 x</td> <td>\$706.88 x</td> <td>0.8206 =</td> <td>\$12,761.45</td> </tr> </table>	Quantity	Unit Price	Factor	Total	22.00 x	\$706.88 x	0.8206 =	\$12,761.45	
Quantity	Unit Price	Factor	Total										
22.00 x	\$706.88 x	0.8206 =	\$12,761.45										
			User Note: core drill into foundations										

Subtotal for 02 - Site Work: \$18,626.96

11 - Equipment

Price Proposal Detail - CSI Continues..

Job Order Number: NS-014-CY24.A
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Rec#	CSI Number	Mod.	UOM	Description	Line Total	
11 - Equipment						
7	11 41 33 00 0435	EA		24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	\$6,735.99	
			Quantity	Unit Price	Factor	Total
		Installation	7.00 x	\$1,172.66 x	0.8206 =	\$6,735.99
User Note: sliding shelf, 1U						
Subtotal for 11 - Equipment:					\$6,735.99	
26 - Electrical						
8	26 27 16 00 0129	EA		18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	\$14,239.82	
			Quantity	Unit Price	Factor	Total
		Installation	22.00 x	\$788.77 x	0.8206 =	\$14,239.82
Subtotal for 26 - Electrical:					\$14,239.82	
27 - Communications						
9	27 11 19 00 0017	EA		Terminate One End Of A Twisted Pair Of WiresPer each pair	\$5,058.51	
			Quantity	Unit Price	Factor	Total
		Installation	660.00 x	\$9.34 x	0.8206 =	\$5,058.51
User Note: Fiber optic ends						
10	27 11 19 00 0025	EA		12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	\$21,458.03	
			Quantity	Unit Price	Factor	Total
		Installation	56.00 x	\$466.95 x	0.8206 =	\$21,458.03
User Note: SYSTIMAX 360DPis-12LC-SM						
11	27 14 23 13 0006	EA		Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	\$21,346.83	
			Quantity	Unit Price	Factor	Total
		Installation	22.00 x	\$1,182.44 x	0.8206 =	\$21,346.83
12	27 14 23 13 0017	EA		Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	\$19,821.63	
			Quantity	Unit Price	Factor	Total
		Installation	336.00 x	\$71.89 x	0.8206 =	\$19,821.63
User Note: test fiber singlemode strands (db loss, 1310/1550nm)						
13	27 14 23 16 0407	MLF		12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	\$15,951.93	
			Quantity	Unit Price	Factor	Total
		Installation	7.00 x	\$2,777.05 x	0.8206 =	\$15,951.93
User Note: SYSTIMAX Z-012-DS-8W-FSUBK						
14	27 14 23 16 0411	MLF		48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	\$5,596.61	
			Quantity	Unit Price	Factor	Total
		Installation	1.50 x	\$4,546.76 x	0.8206 =	\$5,596.61
User Note: SYSTIMAX Z-012-DS-8W-FSUBK						
15	27 14 43 00 0045	EA		LC Type Fiber Optic, Snap-In Modular Jack	\$20,618.46	
			Quantity	Unit Price	Factor	Total
		Installation	672.00 x	\$37.39 x	0.8206 =	\$20,618.46
16	27 14 43 00 0075	EA		Label Both Ends Of One 4 Pair Cable	\$619.39	
			Quantity	Unit Price	Factor	Total
		Installation	40.00 x	\$18.87 x	0.8206 =	\$619.39

Price Proposal Detail - CSI Continues..

Job Order Number: NS-014-CY24.A
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Rec#	CSI Number	Mod.	UOM	Description	Line Total		
27 - Communications							
17	27 14 53 00 0006		MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	\$4,245.82		
				Quantity	Unit Price	Factor	Total
			Installation	0.85 x	\$6,080.98 x	0.8206 =	\$4,245.82
			User Note: 1.25" innerduct with rope, riser rated				
18	27 16 16 00 0011		EA	Fiber Optic Ethernet Transceiver	\$18,273.97		
				Quantity	Unit Price	Factor	Total
			Installation	21.00 x	\$1,060.43 x	0.8206 =	\$18,273.97
			User Note: Cisco MA-QSFP-40G-CSR4e				
19	27 16 16 00 0011		EA	Fiber Optic Ethernet Transceiver	\$34,807.55		
				Quantity	Unit Price	Factor	Total
			Installation	40.00 x	\$1,060.43 x	0.8206 =	\$34,807.55
			User Note: Cisco MA-SFP-10GB-SR				
20	27 16 19 00 0027		EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	\$2,244.46		
				Quantity	Unit Price	Factor	Total
			Installation	55.00 x	\$49.73 x	0.8206 =	\$2,244.46
			User Note: SYSTIMAX FPCWLCLC22-RF007				
21	27 16 19 00 0027	Mod	EA	For Each Additional Meter In Length, Add	\$66.80		
				Quantity	Unit Price	Factor	Total
			Installation	55.00 x	\$1.48 x	0.8206 =	\$66.80
22	27 16 19 00 0027		EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	\$408.08		
				Quantity	Unit Price	Factor	Total
			Installation	10.00 x	\$49.73 x	0.8206 =	\$408.08
			User Note: SYSTIMAX FPCWLCLC22-RF007				
23	27 21 16 00 0007		EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E)	\$78,875.58		
				Quantity	Unit Price	Factor	Total
			Installation	20.00 x	\$4,805.97 x	0.8206 =	\$78,875.58
			User Note: Cisco MS125-24P-HW				
24	27 21 16 00 0008		EA	Power Supply (Cisco PWR-IE170W-PC-AC)	\$2,165.74		
				Quantity	Unit Price	Factor	Total
			Installation	3.00 x	\$879.74 x	0.8206 =	\$2,165.74
			User Note: Cisco MA-PWR-250WAC				
25	27 21 26 00 0014		EA	Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2)	\$42,360.07		
				Quantity	Unit Price	Factor	Total
			Installation	3.00 x	\$17,206.95 x	0.8206 =	\$42,360.07
			User Note: Cisco MS425-16-HW				

Subtotal for 27 - Communications: \$293,919.46

28 - Electronic Safety And Security

26	28 21 00 00 0715		EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	\$28,322.40		
				Quantity	Unit Price	Factor	Total
			Installation	23.00 x	\$1,500.62 x	0.8206 =	\$28,322.40
			User Note: Cisco LIC-MS425-16-5YR				

Subtotal for 28 - Electronic Safety And Security: \$28,322.40

33 - Utilities

Price Proposal Detail - CSI Continues..

Job Order Number: NS-014-CY24.A
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Rec#	CSI Number	Mod.	UOM	Description	Line Total
33 - Utilities					
27	33 05 07 13 0024		LF	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	\$154,633.86
				Quantity Unit Price Factor Total	
			Installation	7,000.00 x \$26.92 x 0.8206 =	\$154,633.86
28	33 05 07 13 0036		EA	Up To 6" Horizontal Directional Boring Minimum Set-up ChargeFor projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$16,964.36
				Quantity Unit Price Factor Total	
			Installation	6.00 x \$3,445.52 x 0.8206 =	\$16,964.36
29	33 05 07 24 0016		LF	2-1/2" Polyethylene Pipe Pull In Place By Boring MachineIncludes pipe welding.	\$39,060.56
				Quantity Unit Price Factor Total	
			Installation	7,000.00 x \$6.80 x 0.8206 =	\$39,060.56
			User Note: HDPE Conduit will be utilized		
30	33 71 19 00 0003		EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	\$37,405.18
				Quantity Unit Price Factor Total	
			Installation	24.00 x \$1,899.28 x 0.8206 =	\$37,405.18
			User Note: Quazite - set flush vault outside building		

Subtotal for 33 - Utilities: \$248,063.96

Proposal Total \$628,600.74

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The Percent of NPP on this Proposal: 0.00%