# **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 Require	ements:	\$18,692.15		
02 - Site Work:		\$18,626.96		

\$293,919.46 \$28,322.40
ψ14,255.02
\$14,239.82
\$6,735.99

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

March 04, 2024 Date: Contract Number: 19013 NS-014-CY24.A Job Order Number: Job Order Title: Naper Settlement Site wide Fiber Optic Improvement Contractor: City of Naperville - Robe, Inc. \$628,600.74 Proposal Value: Naper Settlement Site wide Fiber Optic Improvement Proposal Name: 0.8206-Option 3 - Normal Working Hours Adjustment Factor(s) Used:

#### CSI Number UOM Line Total Rec# Mod Description 01 - General Requirements 01 22 20 00 0010 HR ElectricianFor tasks not included in the Construction Task Catalog® and as \$15,619.30 1 directed by owner only. Unit Price Total Quantity Factor Installation \$15,619.30 200.00 0.8206 = \$95.17 x х User Note: configure and install backbone switch 2 01 22 20 00 0010 Mod HR For Foreman, Add \$781.21 Quantity Unit Price Factor Total Installation \$781.21 0.8206 = 200.00 \$4.76 х 01 71 13 00 0003 FA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor \$2,291.64 3 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. Quantity Unit Price Factor Total Installation \$2,291.64 4.00 \$698.16 х 0.8206 = х

### Subtotal for 01 - General Requirements:

02 - Site Work 02 32 13 00 0002 Mobilization Of Drilling Crew FA \$906 71 Unit Price Quantity Factor Total Installation \$906.71 1.00 х \$1,104.93 х 0.8206 = 02 32 13 00 0020 5 CY Excavation For Test Pit, Light Soil, Hand Excavation \$4 958 80 Quantity Unit Price Factor Total Installation \$4,958.80 30.00 \$201.43 0.8206 = х х User Note: Fore Directional boring 02 41 19 13 0253 EA Core Drill Minimum ChargeFor projects where the total core drilling charge is \$12,761.45 6 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". Quantity Unit Price Factor Total Installation 22.00 \$706.88 0.8206 = \$12,761.45 х х User Note: core drill into foundations Subtotal for 02 - Site Work: \$18,626.96

11 - Equipment

\$18,692.15

## Price Proposal Detail - CSI Continues..

NS-014-CY24.A

Job Order Number:

Rec#	CSI Number	Mod.	UOM	Description	Line Tota
11 - I	Equipment				
7	11 41 33 00 0435		EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	\$6,735.9
			Installation	Quantity         Unit Price         Factor           7.00         x         \$1,172.66         x         0.8206         =	Total \$6,735.99
		User Note:	sliding shelf,		
Subte	otal for 11 - Equipr	nent:			\$6,735.9
26 - 1	Electrical				
8	26 27 16 00 0129		EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	\$14,239.8
			Installation	QuantityUnit PriceFactor22.00x\$788.77x0.8206=	Total \$14,239.82
Subte	otal for 26 - Electri	cal:			\$14,239.8
27 - (	Communications				
9	27 11 19 00 0017		EA	Terminate One End Of A Twisted Pair Of WiresPer each pair	\$5,058.5
			Installation	Quantity         Unit Price         Factor           660.00         x         \$9.34         x         0.8206         =	Total \$5,058.51
		User Note:	Fiber optic e	••••	φ <b>0</b> ,000.01
10	27 11 19 00 0025		EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	\$21,458.0
				Quantity Unit Price Factor	Total
			Installation	56.00 x \$466.95 x 0.8206 =	\$21,458.03
11	27 14 23 13 0006	User Note:	EA	360DPis-12LC-SM	¢01.046.0
11	27 14 23 13 0000			Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure Quantity Unit Price Factor	\$21,346.8  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	\$19,821.6
			Installation	Quantity         Unit Price         Factor           336.00         x         \$71.89         x         0.8206         =	Total \$19,821.63
		User Note:		336.00 x \$71.89 x 0.8206 = glemode strands (db loss, 1310/1550nm)	φ10,021.00
13	27 14 23 16 0407		MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	\$15,951.9
			Installation	Quantity Unit Price Factor	Total
		Lisor Noto:		7.00 x \$2,777.05 x 0.8206 = Z-012-DS-8W-FSUBK	\$15,951.93
14	27 14 23 16 0411	USEI NOLE.	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic	\$5,596.6
				Cable, Installed In Conduit           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	\$20,618.4
			Installation	Quantity         Unit Price         Factor           672.00         x         \$37.39         x         0.8206         =	Total \$20,618.46
16	27 14 43 00 0075		EA	Label Both Ends Of One 4 Pair Cable	\$619.3
				Quantity Unit Price Factor	Total
			Installation	40.00 x \$18.87 x 0.8206 =	\$619.39

## Price Proposal Detail - CSI Continues..

User Note:       Cisco MS125-24P-HW         24       27       21       16       00       00008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)       Quantity       Unit Price         1       00 <th>ec#</th> <th>CSI Number</th> <th>Mod.</th> <th>UOM</th> <th>Description</th> <th></th> <th></th> <th></th> <th></th> <th>Line Tot</th>	ec#	CSI Number	Mod.	UOM	Description					Line Tot	
Quantity         Unit Price           1.25° innerduct with rope, riser rated         1.25° innerduct with rope, riser rated         1.25° innerduct with rope, riser rated           18         27         16         16         00 0011         EA         Fiber Optic Ethermet Transceiver           Quantity         Unit Price         Quantity         Unit Price         1.100 x         \$1,060.43 x           19         27         16         16         00 0011         EA         Fiber Optic Ethermet Transceiver           19         27         16         16         00 0011         EA         Fiber Optic Ethermet Transceiver           20         27         16         19         00 0027         EA         Cloco MA-SFP-10GB-SR           20         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           21         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           22         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Multimode Cable           23         27         21         16         00 0007         EA         12 Port, Industrial E	7 -	Communications									
Installation         0.65         x         \$6,080.98         x           128         27         16         16         00 0011         EA         Fiber Optic Ethernet Transceiver         Unit Price           18         27         16         16         00 0011         EA         Fiber Optic Ethernet Transceiver         Unit Price           19         27         16         16         00 0011         EA         Fiber Optic Ethernet Transceiver           19         27         16         16         00 0011         EA         Fiber Optic Ethernet Transceiver           20         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           20         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           20         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           21         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           22         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable <td>17</td> <td>27 14 53 00 0006</td> <td></td> <td>MLF</td> <td>1-1/2" Riser Rated,</td> <td>Indoor Ir</td> <td>nnerduct, Installed</td> <td>In Cond</td> <td>uit</td> <td>\$4,245.</td>	17	27 14 53 00 0006		MLF	1-1/2" Riser Rated,	Indoor Ir	nnerduct, Installed	In Cond	uit	\$4,245.	
1.25*         Inserduct with rope, riser rated         0.000 No									Factor	Total	
18       27       16       16       00 0011       EA       Fiber Optic Ethernet Transceiver         Quantity       Unit Price       S1,060.43       5         19       27       16       16       00 0011       EA       Fiber Optic Ethernet Transceiver         19       27       16       16       00 0011       EA       Fiber Optic Ethernet Transceiver         19       27       16       19       00 0027       EA       Fiber Optic Ethernet Transceiver         20       27       16       19       00 0027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         20       27       16       19       00 0027       Mod       EA       For Each Additional Meter In Length, Multimode Cable         20       27       16       19       00 0027       Mod       EA       For Each Additional Meter In Length, Multimode Cable         21       27       16       19       00 0027       Mod       EA       For Each Additional Meter In Length, Add         22       27       16       19       00 0027       Mod       EA       For Each Additional Meter In Length, Multimode Cable         22       27       16       19       00 0007       EA       Cache A							\$6,080.98	х	0.8206 =	\$4,245.82	
Image: constraint of the state of			User Note:	1.25" innerd	luct with rope, riser rat	ed					
Installation         21.00         x         \$1,060.43         x           19         27         16         16         00 0011         EA         Fiber Optic Ethernet Transceiver           19         27         16         19         00 0011         EA         Fiber Optic Ethernet Transceiver           20         27         16         19         00 0027         EA         Cisco MA-SFP-10GB-SR           20         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           Quantity         Unit Price         Installation         \$5.00         x         \$49.73           20         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Multimode Cable           Quantity         Unit Price         Installation         \$5.00         x         \$1.48           22         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           10.00         x         \$49.73         \$1.68         \$1.28         \$1.48         \$2.50           23         27         21         16         00 0007         EA         LC To LC Conne	18 :	27 16 16 00 0011		EA	Fiber Optic Etherne	t Transce	eiver			\$18,273.	
User Note:         Cisco MA-QSFP-40G-CSR4e         City Optic Ethernet Transceiver           19         27         16         16         00 0011         EA         Fiber Optic Ethernet Transceiver           Quantity         Unit Price         Quantity         Unit Price           19         27         16         19         00 0027         EA         Fiber Optic Ethernet Transceiver           20         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           20         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           21         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           22         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Multimode Cable           22         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           23         27         21         16         00 0007         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4007           23         27         21				Installation	, i i i i i i i i i i i i i i i i i i i				Factor	Total \$18,273.97	
19       27       16       16       00 0011       EA       Fiber Optic Ethernet Transceiver         Quantity       Unit Price         Installation       40.00       x       \$1,060.43       x         20       27       16       19       00 0027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         20       27       16       19       00 0027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         20       27       16       19       00 0027       Mod       EA       For Each Additional Meter In Length, Add         21       27       16       19       00 0027       Mod       EA       For Each Additional Meter In Length, Add         22       27       16       19       00 0027       Mod       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         22       27       16       19       00 0027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         23       27       21       16       00 0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         24       27       21       16       00 0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)       Installation       20.00						х	\$1,060.43	х	0.8206 =	\$10,273.97	
Quantity         Unit Price           Installation         40.00         x         \$1,060.43         x           20         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           20         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           21         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           22         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           22         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           22         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           23         27         21         16         00 0007         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4000           24         27         21         16         00 0008         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4000           24         27         21         16         00 0008			User Note:								
1nstallation       40.00       x       \$1,060.43       x         20       27       16       19       00 0027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         Quantity       Unit Price       Installation       55.00       x       \$49.73       x         21       27       16       19       00 0027       Mod       EA       For Each Additional Meter In Length, Add         21       27       16       19       00 0027       Mod       EA       For Each Additional Meter In Length, Add         22       27       16       19       00 0027       Mod       EA       For Each Additional Meter In Length, Add         22       27       16       19       00 0027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         23       27       21       16       00 0007       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         24       27       21       16       00 0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4007         24       27       21       16       00 0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)         24       27       21       16       00 0014       EA       <	19	27 16 16 00 0011		EA	•	t Transce				\$34,807.	
20         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           20         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           20         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           21         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           22         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           22         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           23         27         21         16         00 0007         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           24         27         21         16         00 0007         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4000           24         27         21         16         00 0008         EA         Power Supply (Cisco PWR-IE170W-PC-AC)           26         27         21         16         00 0014				Installation					Factor	Total \$34,807.55	
20       27       16       19       00       0027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         Quantity       Unit Price       Installation       55.00       x       \$49,73       x         21       27       16       19       00       0027       Mod       EA       For Each Additional Meter In Length, Add       Quantity       Unit Price         21       27       16       19       00       00027       Mod       EA       For Each Additional Meter In Length, Add       Quantity       Unit Price         22       27       16       19       00       0027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         22       27       16       19       00       00027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         23       27       21       16       00       0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         23       27       21       16       00       0008       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         24       27       21       16       00       0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)       Quantity       Unit Price			11 N			х	\$1,060.43	х	0.8206 =	\$34,007.55	
Cable         Quantity         Unit Price           1         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           21         27         16         19         00 0027         Mod         EA         For Each Additional Meter In Length, Add           22         27         16         19         00 0027         EA         For Each Additional Meter In Length, Add           22         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           22         27         16         19         00 0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           23         27         21         16         00 0007         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4000           23         27         21         16         00 0007         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4000           24         27         21         16         00 0008         EA         Power Supply (Cisco PWR-IE170W-PC-AC)           Quantity         Unit Price         Installation         3.00         x         \$879.74           24         27         21         16         00 0014			User Note:	-							
$ \begin{array}{ c c c c c c } \hline \begin{array}{c c c c c c c } \hline \begin{array}{c c c c c c c } \hline \begin{array}{c c c c c c c c c c c c c c c c c c c $	20	27 16 19 00 0027		EA		rs, 1 Me	ter Length, Multimo	ode, Dup	blex Fiber Optic Patch	\$2,244.	
User Note:         SYSTIMAX FPCWLCLC22-RF007           21         27         16         19         00         00027         Mod         EA         For Each Additional Meter In Length, Add           22         27         16         19         00         00027         EA         For Each Additional Meter In Length, Add           22         27         16         19         00         0027         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           24         27         21         16         00         0007         EA         LC To LC Connectors, 1 Meter Length, Multimode Cable           24         27         21         16         00         0007         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4000           23         27         21         16         00         0007         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4000           24         27         21         16         00         0008         EA         Power Supply (Cisco PWR-IE170W-PC-AC)           24         27         21         16         00         0004         EA         Power Supply (Cisco PWR-IE170W-PC-AC)           25         27         21         26         00         014 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>Unit Price</td><td></td><td>Factor</td><td>Total</td></td<>							Unit Price		Factor	Total	
21       27       16       19       00       00027       Mod       EA       For Each Additional Meter In Length, Add         22       27       16       19       00       00027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         22       27       16       19       00       00       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         23       27       21       16       00       00       Visit Price       Installation       10.00       x       \$49.73       x         23       27       21       16       00       00007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-40007         23       27       21       16       00       0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-40007         24       27       21       16       00       0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)         Quantity       Unit Price       Installation       3.00       x       \$879.74       x         24       27       21       16       00       00014       EA       Power Supply (Cisco PWR-IE170W-PC-AC)       Quantity       Unit Price       Installation       3.00       x       \$879				Installation	55.00	х	\$49.73	х	0.8206 =	\$2,244.46	
Quantity         Unit Price           22         27         16         19         00         0027         EA         LC To LC Connectors, 1 Meter Length, Multimode           22         27         16         19         00         0027         EA         LC To LC Connectors, 1 Meter Length, Multimode           23         27         21         16         00         0007         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4000           23         27         21         16         00         0007         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4000           24         27         21         16         00         0008         EA         Power Supply (Cisco PWR-IE170W-PC-AC)           Quantity         Unit Price           Installation         3.00         x         \$\$879.74         x           User Note:         Cisco MS125-24P-HW           User Note:         Cisco MA-PWR-250WAC           25         27         21         16         00         00014         EA         Catalyst 4500 E-Series Redundant Supervisor 8-           Quantity         Unit Price           Installation         3.00         x         <			User Note:	SYSTIMAX	FPCWLCLC22-RF00	7					
Installation       55.00       x       \$1.48       \$2         22       27       16       19       00       0027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         Quantity       Unit Price       Quantity       Unit Price         10.00       x       \$49.73       \$2         23       27       21       16       00       0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         23       27       21       16       00       0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         23       27       21       16       00       0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         24       27       21       16       00       0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)         Quantity       Unit Price       Installation       3.00       x       \$879.74       \$         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-         Quantity       Unit Price       Installation       3.00       x       \$17,206.95       \$         25       27       21       26	21	27 16 19 00 0027	Mod	EA	For Each Additional	Meter In	n Length, Add			\$66.	
22       27       16       19       00       0027       EA       LC To LC Connectors, 1 Meter Length, Multimode Cable         Quantity       Unit Price       Installation       10.00       x       \$49.73       x         23       27       21       16       00       0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         23       27       21       16       00       0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         24       27       21       16       00       0008       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         24       27       21       16       00       0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)         Quantity       Unit Price       Installation       3.00       x       \$879.74       x         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-         User Note:       Cisco MS425-16-HW       Unit Price       Installation       3.00       x       \$17,206.95       x         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-					Quantity		Unit Price		Factor	Total	
Cable         Quantity       Unit Price         Installation       10.00       x       \$49.73       x         User Note:       SYSTIMAX FPCWLCLC22-RF007         23       27       21       16       00 0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         Quantity       Unit Price       Installation       20.00       x       \$4,805.97       x         User Note:       Cisco MS125-24P-HW         24       27       21       16       00 0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)         Quantity       Unit Price         Installation       3.00       x       \$879.74       x         User Note:       Cisco MA-PWR-250WAC         Quantity       Unit Price         Installation       3.00       x       \$879.74       x         Quantity       Unit Price         Installation       3.00       x       \$879.74       x         Quantity       Unit Price         Installation       3.00       x       \$17,206.95       x         User Note:       Cisco MS425-16-HW <td cols<="" td=""><td></td><td></td><td></td><td>Installation</td><td>55.00</td><td>х</td><td>\$1.48</td><td>х</td><td>0.8206 =</td><td>\$66.80</td></td>	<td></td> <td></td> <td></td> <td>Installation</td> <td>55.00</td> <td>х</td> <td>\$1.48</td> <td>х</td> <td>0.8206 =</td> <td>\$66.80</td>				Installation	55.00	х	\$1.48	х	0.8206 =	\$66.80
Installation       10.0       x       \$49.73       \$         User Note:       SYSTIMAX FPCWLCLC22-RF007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000         Quantity       Unit Price       Installation       20.00       x       \$4,805.97       \$         User Note:       User Note:       Cisco MS125-24P-HW       Unit Price       Installation       20.00       x       \$4,805.97       \$         User Note:       Cisco MS125-24P-HW       EA       Power Supply (Cisco PWR-IE170W-PC-AC)       Quantity       Unit Price         User Note:       EA       Power Supply (Cisco PWR-IE170W-PC-AC)       Quantity       Unit Price         Installation       3.00       x       \$879.74       \$         User Note:       Cisco MA-PWR-250WAC       EA       Catalyst 4500 E-Series Redundant Supervisor 8-         Quantity       Unit Price       Installation       3.00       x       \$17,206.95       \$         User Note:       Cisco MS425-16-HW       User Note:       Cisco MS425-16-HW       \$       \$         ubtotal for 27 - Communications:       E8       Electronic Safety And Security       E8       \$       \$       \$	22 2	27 16 19 00 0027		EA		rs, 1 Met	<b>.</b> .	ode, Dup	·	\$408.	
User Note:         SYSTIMAX FPCWLCLC22-RF007           23         27         21         16         00         0007         EA         12 Port, Industrial Ethernet Switch (Cisco IE-4000)           Quantity         Unit Price         Installation         20.00         x         \$\$4,805.97         x           24         27         21         16         00         0008         EA         Power Supply (Cisco PWR-IE170W-PC-AC)           Quantity         Unit Price         Installation         3.00         x         \$\$879.74         x           24         27         21         26         00         0014         EA         Power Supply (Cisco PWR-IE170W-PC-AC)         Quantity         Unit Price           Installation         3.00         x         \$\$879.74         x         \$\$879.74         x           User Note:         Cisco MA-PWR-250WAC         EA         Catalyst 4500 E-Series Redundant Supervisor 8-Quantity         Unit Price           Installation         3.00         x         \$17,206.95         x           User Note:         Cisco MS425-16-HW         Unit Price         x         \$17,206.95         x           Stallation         3.00         x         \$17,206.95         x         \$17,206.95				Installation					Factor	Total \$408.08	
23       27       21       16       00       0007       EA       12 Port, Industrial Ethernet Switch (Cisco IE-4000)         Quantity       Unit Price       Installation       20.00       x       \$4,805.97       x         24       27       21       16       00       0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)         Quantity       Unit Price       Installation       3.00       x       \$879.74       x         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8- Quantity       Unit Price         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8- Quantity       Unit Price         26       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8- Quantity       Unit Price         27       21       26       00       014       EA       Catalyst 4500 E-Series Redundant Supervisor 8- Quantity       Unit Price         28       27       21       26       00       014       EA       Catalyst 4500 E-Series Redundant Supervisor 8- Quantity       20.00       20.00       20.00       20.00       20.00			11 N				\$49.73	х	0.8206 =	<b>φ400.00</b>	
Quantity       Unit Price         Installation       20.00       x       \$4,805.97       x         User Note:       Cisco MS125-24P-HW       Cisco PWR-IE170W-PC-AC)       Quantity       Unit Price         24       27       21       16       00 0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)       Quantity       Unit Price         25       27       21       26       00 0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-Quantity       Unit Price         25       27       21       26       00 0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-Quantity       Unit Price         26       27       21       26       00 0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-Quantity       Unit Price         27       21       26       00 0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-Quantity       Unit Price         28       Very Note:       Cisco MS425-16-HW       Very Note:       Stor MS425-16-HW         Ubtotal for 27 - Communications:         Very Note:       Very Note:         Very Note:         Very Note:         Very Note:         Very Note: <td></td> <td></td> <td>User Note:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			User Note:								
Installation       20.00       x       \$4,805.97       x         User Note:       Cisco MS125-24P-HW       Cisco PWR-IE170W-PC-AC)       Quantity       Unit Price         24       27       21       16       00 0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)       Power Supply (Cisco PWR-IE170W-PC-AC)         User Note:       User Note:       Cisco MA-PWR-250WAC       S879.74       x         25       27       21       26       00 0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-Quantity       Unit Price         25       27       21       26       00 0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-Quantity       Unit Price         1       Installation       3.00       x       \$17,206.95       x         User Note:       User Note:       Cisco MS425-16-HW       Starting the security       Starting the security         ubtotal for 27 - Communications:       Safety And Security       Safety And Security       Safety And Security       Safety And Security	23	27 21 16 00 0007		EA	-	thernet &		00-4GC	,	\$78,875.	
User Note: Cisco MS125-24P-HW         24       27       21       16       00       0008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)         Quantity       Unit Price       Installation       3.00       x       \$879.74       x         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-Quantity       Unit Price         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8-Quantity       Unit Price         Installation       3.00       x       \$17,206.95       x         User Note:       Cisco MS425-16-HW       Security       Security				Installation		v		x	Factor 0.8206 =	Total \$78,875.58	
24       27       21       16       00       00008       EA       Power Supply (Cisco PWR-IE170W-PC-AC)         Quantity       Unit Price         Installation       3.00       x       \$879.74       x         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8- Quantity       Quantity       Unit Price         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8- Quantity       Quantity       Unit Price         Installation       3.00       x       \$17,206.95       x         Ubser Note:       Cisco MS425-16-HW       User Note:       Cisco MS425-16-HW			Liser Note:			^	\$ <del>4</del> ,000.97	^	0.0200	<i>Q1</i> 0,010.00	
Quantity       Unit Price         Installation       3.00 x       \$879.74 x         User Note:       Cisco MA-PWR-250WAC         25       27       21       26       00       0014         EA       Catalyst 4500 E-Series Redundant Supervisor 8- Quantity       Unit Price         Installation       3.00 x       \$17,206.95 x         User Note:       Cisco MS425-16-HW         ubtotal for 27 - Communications:       28 - Electronic Safety And Security	24	27 21 16 00 0008	USEI NOLE.							¢0.465	
Installation       3.00       x       \$879.74       x         User Note:       Cisco MA-PWR-250WAC       Cisco MA-PWR-250WAC       x       x         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8- Quantity       Unit Price         Installation       3.00       x       \$17,206.95       x         User Note:       Cisco MS425-16-HW       x       \$17,206.95       x         ubtotal for 27 - Communications:       x       x       x       x       x         x8 - Electronic Safety And Security       x	24	27 21 10 00 0008		EA		0 PWR-I	,		Contan	\$2,165.	
User Note: Cisco MA-PWR-250WAC         25       27       21       26       00       0014       EA       Catalyst 4500 E-Series Redundant Supervisor 8- Quantity       Unit Price         Installation       3.00       x       \$17,206.95       x         User Note:       Cisco MS425-16-HW       Subtotal for 27 - Communications:       28 - Electronic Safety And Security				Installation		Y		x	Factor 0.8206 =	Total \$2,165.74	
25       27       21       26       00       00       101       EA       Catalyst 4500 E-Series Redundant Supervisor 8-Quantity       Unit Price         Installation       3.00       x       \$17,206.95       x         User Note:       Cisco MS425-16-HW       102       102         ubtotal for 27 - Communications:       28 - Electronic Safety And Security       28			User Note:	Cisco MA-P		X	\$010.11	X	0.0200	<b>+</b> -, · <b>- ·</b> · · ·	
Quantity       Unit Price         Installation       3.00 x       \$17,206.95 >         User Note:       Cisco MS425-16-HW         ubtotal for 27 - Communications:       28 - Electronic Safety And Security	25	27 21 26 00 0014				ries Red	undant Supervisor	8-E (Cie	xco WS-X45-SI IP8-E/2)	\$42,360.	
Installation 3.00 x \$17,206.95 User Note: Cisco MS425-16-HW ubtotal for 27 - Communications: 28 - Electronic Safety And Security	25	27 21 20 00 0014					•		Factor		
User Note: Cisco MS425-16-HW Subtotal for 27 - Communications: 28 - Electronic Safety And Security				Installation		x		x	0.8206 =	\$42,360.07	
28 - Electronic Safety And Security			User Note:	Cisco MS42			••••				
28 - Electronic Safety And Security										<u>_</u>	
				-						\$293,919.	
				-	20 Usor Enternrise	Liconso	Pack (Polco V/MX)	200 E I I	(C20)	\$28,322.	
Quantity Unit Price	20	20 21 00 00 0710			•	LICENSE		,00-L-LI	Factor	\$20,322. Total	
Quantity Unit Price Installation 23.00 x \$1,500.62 >				Installation	-	x		x	0.8206 =	\$28,322.40	
User Note: Cisco LIC-MS425-16-5YR			User Note:	Cisco LIC-M			. ,				
<sup>•</sup> 28 - Electronic Safety And Security:	otal for	28 - Electro	onic Safety	And Secu	ırity:					\$28,322.	

#### Job Order Number: NS-014-CY24.A Job Order Title: Naper Settlement Site wide Fiber Optic Improvement

33 - Utilities

Price Proposal Detail - CSI

Job Order Number:	NS-014-CY24.A
Job Order Title:	Naper Settlement Site wide Fiber Optic Improvement

Rec#	CSI Number	Mod.	UOM	Description					Line Total
33 - 1	Utilities								
27	33 05 07 13 0024		LF	2-1/2" Diameter Dire	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground				\$154,633.86
				Quantity		Unit Price		Factor	Total
			Installation	7,000.00	х	\$26.92	х	0.8206 =	\$154,633.86
28 33 05 07 13 0036			EA		zontal dir his task	ectional boring cha exclusively. This ta	arge is le ask shou	ChargeFor projects ess than the minimum Ild not be used in	\$16,964.36
				Quantity		Unit Price		Factor	Total
			Installation	6.00	х	\$3,445.52	х	0.8206 =	\$16,964.36
29	33 05 07 24 0016		LF	2-1/2" Polyethylene	Pipe Pu	I In Place By Borir	ig Mach	ineIncludes pipe welding.	\$39,060.56
				Quantity		Unit Price		Factor	Total
			Installation	7,000.00	x	\$6.80	х	0.8206 =	\$39,060.56
		User Note:	HDPE Cond	uit will be utilized					
30 33 71	33 71 19 00 0003		EA	24" x 36" x 24", Elec	ctric Pull	Boxes, Precast Co	oncrete		\$37,405.18
				Quantity		Unit Price		Factor	Total
			Installation	24.00	x	\$1,899.28	х	0.8206 =	\$37,405.18
		User Note:	Quazite - se	t flush vault outside bu	uilding				
	otal for 33 - Utilitie								\$248,063.9

### **Proposal Total**

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%

\$628,600.74