

March 21, 2024

Quote #: Q-107166

Mike Baker
City of Aurora
44 E Downer Place
Aurora IL 60507

RE: PW Fiber Build

Mr Baker,

Thank you for the opportunity to submit the following proposal for the project referenced above.

1. Furnish and install diverse 144ct SM FOC's from existing backbone HH's 21-10.7 and 22-5.9 to PW Demarc room
2. Furnish and install (2) Edge 1U-SP panels and (2) cassettes/trays.
3. Prep 144ct cables into new panels and existing cases at the HH's..
4. Provide fusion splicing of up to (48) fibers.
5. Furnish and install (8) 12ct SM FOC's from each of the Nema enclosures back to the PW Demarc.
6. Furnish and install (1) PCH 4U panel in the Demarc loaded with (8) LC bulkheads, (8) LC pigtails, and splice trays.
7. Furnish and install (1) SPH panel loaded with a LC bulkhead, LC pigtails and splice tray in each of the (8) Nema enclosures.
8. Prep the (8) 12ct cables on each end into new installed SPH and PCH panels.
9. Provide fusion splicing of (192) fibers.
10. Perform power meter testing of (120) fibers on all newly installed cables.
11. Provide Power Meter test results package.
12. Label all panels and SPH's.
13. Furnish and install new route to North Gate for card reader.
14. Furnish and install (15) CAT6 cables for (6) cameras, (6) AP's and (3) gates per design from locations back to nearest Nema enclosure.
15. Terminate (24) CAT6 cable ends.
16. Perform Fluke Testing of (12) CAT6 cables.
17. Review, compile and submit Fluke test results package.
18. Label all cables and remove all debris.

Description	Hours / Qty	Unit	Rate	Cost
PROJECT MANAGER	40	Hours	\$105.00	\$4,200.00
Labor-Diverse Backbone Fiber Install/Prep, Splice/Test	24	Hours	\$140.00	\$3,360.00
Labor-Diverse Backbone Fiber Install/Prep, Splice/Test	40	Hours	\$125.00	\$5,000.00
144F CORNING CABLE SINGLE MODE RIBBON OUTDOOR	4,000	Feet	\$3.50	\$14,000.00

Description	Hours / Qty	Unit	Rate	Cost
Tray for (6) Mass Fusion or (12) Single Fusion Splices, TYPE 2S	10	Each	\$42.00	\$420.00
EDGE Housing wih Field Removable Strain Relief Plate	2	Each	\$375.00	\$750.00
EDGE Field-Term Cassette 12 F, LC duplex, Single-mode UPC, No Pigtail	2	Each	\$175.00	\$350.00
4U PCH Housing	1	Each	\$900.00	\$900.00
SPLICE TRAY HOLDER KIT FOR PCH-04U	1	Each	\$195.00	\$195.00
12 Fiber Singlemode Ribbon Pigtails 3M with LC-UPC Connectors	10	Each	\$100.00	\$1,000.00
12 Fiber Singlemode LC UPC Insert Panel Universal LGX Blue	10	Each	\$105.00	\$1,050.00
Labor-Nema Fiber Install/Prep, Splice/Test	40	Hours	\$140.00	\$5,600.00
Labor-Nema Fiber Install/Prep, Splice/Test	120	Hours	\$125.00	\$15,000.00
12F TINIFIBER CABLE SINGLE MODE RIBBON OSP MICRO-ARMOR	10,000	Feet	\$3.50	\$35,000.00
SPH Housing for 1 CCH Panel	8	Each	\$150.00	\$1,200.00
12 Fiber Singlemode Ribbon Pigtails 3M with LC-UPC Connectors	8	Each	\$100.00	\$800.00
12 Fiber Singlemode LC UPC Insert Panel Universal LGX Blue	8	Each	\$105.00	\$840.00
Tray for (6) Mass Fusion or (12) Single Fusion Splices, TYPE 4R	8	Each	\$42.00	\$336.00
Labor-CAT6 Cabling for CAM/APs	40	Hours	\$140.00	\$5,600.00
Labor-CAT6 Cabling for CAM/APs	40	Hours	\$125.00	\$5,000.00
CAT6 cable/connectors, pull line, grommets etc.	1	Each	\$3,000.00	\$3,000.00
Construction-new route for north gate from Nema 8 and HH swap outs	1	Each	\$9,500.00	\$9,500.00
Sub Total:				\$113,101.00
Equipment & Labor Total:				\$113,101.00

Notes

- no taxes included
- based on design provided
- no overtime or weekend work included

We appreciate the opportunity to provide your company with a proposal and hope to work with you on this project. Should you have any questions or if we can be of further assistance, please call me at the number below.

Sincerely,

Chad Peterson
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