

March 7, 2025

Quote #: Q-108774

Timm Kopacz
City of Aurora
44 E Downer Place
Aurora IL 60507
United States

RE: FS9- Diverse Fiber Ties

Mr Kopacz,

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

Scope

1. Julie route and establish location of all utilities.
2. Furnish and install approx. 2800' of (3) 1.25" poly duct with tracer and pull rope via directional bore.
3. Furnish and install (5) 30" x 48" HH along route.
4. Furnish and install (5) locate peds at new HHs.
5. Furnish and install approx. 3300' of 144ct OSP SM FOC from existing HH 21-10 to HH 22-5.3 with slack coils in each HH.
6. At HH 21-10 and 22-5.3, pull existing back bone 144ct cable into trailer, perform midsheath, prep in new 144ct cable and perform fusion splicing of fibers TBD.
7. Furnish and install (2) D cases at new HHs outside FS9, prep in the new 144ct and 48ct cables and perform fusion splicing of up to (12) fibers.
8. Furnish and install (2) new loaded 1U panels and prep 48ct cable.
9. Perform fusion splicing of (96) fibers in the new panels.
10. Furnish and install (4) loop back jumpers.
11. Call COA and confirm circuit.
12. Create new SEP's for each new HH, panel and update SEP for existing HHs.
13. Clean up and remove all debris associated.
14. Provide as-builts upon completion.
15. Repair turf with seed and blanket.

Description	Hours / Qty	Unit	Rate	Cost
Project Manager	16	Hours	\$105.00	\$1,680.00
Kane County - Foreman - ST	40	Hours	\$140.00	\$5,600.00
Kane County - Technician - ST	80	Hours	\$125.00	\$10,000.00
Kane County - Pick-up Truck	112	Hours	\$15.00	\$1,680.00
Kane County - Splicing Trailer	16	Hours	\$31.00	\$496.00
Kane County - Fiber Optic Capstan Winch	16	Hours	\$20.00	\$320.00

Description	Hours / Qty	Unit	Rate	Cost
FOSC450-D6-6-NT-0-D6V 1152F RIB MAX Closure, Gel Cable sealing, no pre-installed tray, 6 cable attach., six ground feedthrough lugs, with test valve	2	Each	\$650.00	\$1,300.00
144ct OSP SM FOC	1	Each	\$8,000.00	\$8,000.00
1U PCH Housing	2	Each	\$550.00	\$1,100.00
SPLICE TRAY HOLDER FOR PCH-01U	2	Each	\$107.50	\$215.00
12 Fiber Singlemode Ribbon Pigtails 3M with LC-UPC Connectors	8	Each	\$100.00	\$800.00
12ct SM LC Bulkhead	8	Each	\$100.00	\$800.00
Construction- boring, (3)1.25" poly placement, HH's, building cores, peds and tracer.	1	Each	\$156,857.00	\$156,857.00
Sub Total:				\$188,848.00
Equipment & Labor Total:				\$188,848.00

Notes

- no permitting or engineering included
- not overtime or weekend hrs included
- no taxes included
- based on route provided

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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National Technologies
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Downers Grove, IL 60515 cpeterson@ntitech.com