

January 6, 2022

Quote #: Q-CHI-35131

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

RE: Phase 1 Aurora Public Works 144 tie- Liberty
and Eola

Mr. Baker,

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

Phase 1

1. Provide labor to investigate and JULIE the proposed route.
2. Furnish and install approx. 6000 LF of (3)-1 1/4" polyduct with pull rope and tracer wire via horizontal direction drill method.
3. Furnish and install (7) 30"x48" blank handholes along route.
4. Furnish and install (7) locate pedestals with conduit tie to the handhole.
5. Furnish and install approx. 7000' of 144CT FO OS2 SM cable from existing HH 21-10 at Eola and Liberty St to the building entrance per design provided leaving (50) slack coils in each of the HH's.
6. Provide fiber tags at each slack coil.
7. Provide labor to prep in new 144CT cable in existing case at Eola and Liberty St HH 21-10 and midsheath TBD fibers on the existing backbone fiber in HH 21-10.
8. Furnish and install (1) 450D case at HH outside building and prep in the newly installed 144ct cable.
9. Provide labor to fusion splice TBD fibers in HH 21-10.
10. Provide pick up trucks, fusion splicer, capstans, trailer and splice trailer.

HH Audits

1. Provide labor to audit all new handholes as well as existing handholes that were used for the project.
2. Provide pictures and details of each handhole.

Description	Hours / Qty	Unit	Rate	Cost
Project Manager	16	Hours	\$105.00	\$1,680.00
Foreman Labor- cable install, prep/splice and audits	176	Hours	\$105.00	\$18,480.00
Technician Labor- cable install, prep and splice	104	Hours	\$92.00	\$9,568.00
Truck-Standard	280	Hours	\$12.00	\$3,360.00
Trailer - Equipment	64	Each	\$10.00	\$640.00
CAPSTAN	40	Hours	\$25.00	\$1,000.00
Mass Fusion Splicer	8	Each	\$18.00	\$144.00
450 Case with trays for Public Works Tie	1	Each	\$450.00	\$450.00

Description	Hours / Qty	Unit	Rate	Cost
144 Fiber Ribbon Central Tube OFNR Rated LSHF Outdoor/Indoor RoHS Fiber Optic Cable 250um FreeForm Ribbon™ Units containing PureAccess Single Mode Fiber	7,000	Feet	\$5.25	\$36,750.00
Boring Subcontractor	1	Each	\$252,980.00	\$252,980.00

Sub Total: \$325,052.00

Equipment & Labor Total: **\$325,052.00**

- Restoration with seed and blanket is included
- Hard surface restoration at applicable T&E rates
- Obstruction removal at applicable T&E rates (rock, foundations, etc.)
- Does not include permitting or engineering

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
630-973-6147
National Technologies
5101 Thatcher RD
Downers Grove, IL 60515 cpeterson@ntitech.com