

January 18, 2023

Quote #: Q-CHI-N567330

Purchasing Division
City of Aurora
44 E. Downer Place, P.O. Box 2067
Aurora IL 60507

RE: Well 119 Constitution Dr

Mr Baker,

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

SCOPE

1. Furnish and install approximately 900 LF of 1.25" polyduct with tracer and pull rope via horizontal direction drill method from HH 4-8 to Well 119 at Constitution and Downer.
2. Provide outside wall core into Well 119 and install outside box.
3. Furnish and install (1) 30"x48" blank handhole.
4. Furnish and install (1) locate pedestal with conduit tie to the handhole.
5. Furnish and install approx. 1,200' of 144ct SM Ribbon OSP cable from existing case at HH 4-8 to the new HH at Well 119 per design leaving slack coils at each new HH.
6. Furnish and install B case in HH outside of Well 119.
7. Provide fiber tags at each slack coil.
8. Inside Well 119, install plywood backer and mount loaded SPH panel on plywood.
9. Furnish and install 12ct fiber in HH outside Well 119 and into building and prep on both ends.
10. Prep cable in new case at new case at Well 119 and existing HH 4-8.
11. Provide fusion splicing of TBD fibers in HH 4-8, HH outside Well 119 and 12ct fiber at panel..
12. Provide pick up trucks, fusion splicer, capstans, trailer and splice trailer.

Testing

1. Uni-directionally OTDR test (144) fibers from HH 4-8 to new HH outside Well 119.
2. Plug in loop back jumpers in fibers tbd and confirm link with COA.
3. Provide pick-up trucks, OTDR and power meters.
4. Provide test results package upon completion.

HH SEP's

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	8	Hours	\$105.00	\$840.00
Install, splice/test and documentation	32		\$140.00	\$4,480.00
Install, splice/test and documentation	32		\$125.00	\$4,000.00
Kane County - Splicing Trailer	16	Hours	\$31.00	\$496.00
Kane County - Pick-up Truck	32	Hours	\$15.00	\$480.00

Description	Hours / Qty	Unit	Rate	Cost
Kane County - Fiber Optic Capstan Winch	8	Hours	\$20.00	\$160.00
144ct SM OSP RIBBON FOC	1,200	Each	\$3.00	\$3,600.00
SPH Panel	1	Each	\$450.00	\$450.00
Construction- 1.25" poly placement, tracer/peds, HH install and restoration	1	Each	\$46,930.00	\$46,930.00
Sub Total:				\$61,436.00
Equipment & Labor Total:				\$61,436.00

NOTES

- 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 engineering and layout, permits, drawings, etc 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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Downers Grove, IL 60515 cpeterson@ntitech.com