

January 23, 2023

Quote #: Q-100618

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

RE: Well 115-1435 Southlawn

Mr Baker,

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. 5000' of 1.25" poly duct with tracer and pull rope via directional bore.
3. Furnish and install (6) 30" x 48" HHs outside of Well 115.
4. Furnish and install (6) locate peds at new HHs.
5. Furnish and install building bore with nema box.
6. Furnish and install approx 6000' of 144ct OSP SM FOC from existing HH 3-2 to Well 115 HH with slack coils in each new HH.
7. At HH 3-2, pull existing back bone 144ct cable into trailer, perform midsheath, prep in new 144ct cable and perform fusion splicing of fibers TBD.
8. Furnish and install approx.150' of 12ct cable from new HH to inside Well 115.
9. Furnish and install B case at new HH outside well, prep in the new 144ct and 12ct cables and perform fusion splicing of up to (12) fibers.
10. Furnish and install plywood on inside wall tbd, mount new loaded SPH panel and prep 12ct cable.
11. Perform fusion splicing of (12) fibers in the new SPH.
12. Furnish and install (4) loop back jumpers.
13. Call COA and confirm circuit.
14. Create new SEP's for each new HH and SPH and update SEP for HH 3-2.
15. Clean up and remove all debris associated.
16. Provide as-builts upon completion.
17. 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	48	Hours	\$140.00	\$6,720.00
Kane County - Technician - ST	80	Hours	\$125.00	\$10,000.00
Kane County - Pick-up Truck	80	Hours	\$15.00	\$1,200.00
Kane County - Splicing Trailer	40	Hours	\$31.00	\$1,240.00
Kane County - Fiber Optic Capstan Winch	32	Hours	\$20.00	\$640.00
Kane County - Optical Time-Domain Reflectometer	32	Hours	\$14.00	\$448.00

Description	Hours / Qty	Unit	Rate	Cost
Kane County - Power Meter	16	Hours	\$10.00	\$160.00
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	1	Each	\$650.00	\$650.00
FOSC450-B6-6-NT-0-B3V 288F RIB MAX Closure, Gel Cable sealing, no pre-installed tray, 6 cable attach., three ground feedthrough lugs, with test valve	1	Each	\$450.00	\$450.00
Loaded-SPH Housing for 1 CCH Panel	1	Each	\$350.00	\$350.00
144ct OSP SM FOC	6,000	Each	\$3.00	\$18,000.00
12ct lateral	1	Each	\$450.00	\$450.00
Construction- boring, 1.25" poly placement, HH, building core, ped and tracer.	1	Each	\$182,325.00	\$182,325.00

Sub Total: \$224,313.00

Equipment & Labor Total: **\$224,313.00**

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