

July 21, 2015

Jim Dahl  
City Of Aurora

**Reference: Fiber/Cat 6 Equipment Install, Fiber Terms and Test**

Mr. Dahl:

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

**Indian Trail & Randall Rd Water Tower:**

1. Furnish & install 150 Ft of 48 count fiber from the existing east COA HH to the Water Tower Hut
2. Furnish & install 1-24 port cat 6 term panel
3. Cat 6 cables and terminations to be done by others
4. Furnish and install 1 locking wall mount FDP with 1-12 count LC pigtail, 1 tray and 1 LC bulk head
5. Prep in the 48 count fiber and terminate 12 fibers
6. Furnish 1-Tyco 450 D splice case and midsheath the existing backbone in the east hand hole
7. Prep in the new 48 count lateral & splice to backbone fibers 71-76 as directed
8. Test from the Water Treatment Plant to City Hall

**Job Total: \$5,885.00**

**Notes:**

- Access & Engineering issues will be charged at hourly rates

**Phillips Park Water Tower:**

1. Furnish & install 2-12 port protection panels (POE compatible)
2. Furnish & install 2-24 port cat 6 patch panels in an existing rack
3. Cat 6 cable & terminations to be done by others
4. Existing fiber terminations to remain as is
5. Test fibers 71-76 between City Hall & Church Rd Water Tower

**Job Total:** **\$4,870.00**

**Notes:**

- Access & Engineering issues will be charged at hourly rates

**Church Rd Water Tower:**

1. Furnish & install 2-12 port protection panels (POE compatible)
2. Furnish & install 2-24 port cat 6 patch panels in an existing rack
3. Cat 6 cable & terminations to be done by others
4. Furnish & install 1-1U FDP, with 1-12 count pigtail, 1 tray & 1-12 count LC bulkhead in water tower
5. Prep 1-48 count fiber cable (installed by others) & terminate 12 fibers in water tower
6. Furnish 1-12 count pigtail, 1 tray & 1-12 count LC bulkhead in existing building FDP
7. Prep 1-48 count fiber cable & terminate 12 fibers in building
8. Furnish & install Jumpers from new 48 count to backbone FDP in building
9. Test fibers 71-76 between Water Treatment & Phillips Park
10. Provide trucks, Splice trailers, Fusers, OTDR's, power meters & CAT 6 testers

**Job Total:** **\$6,798.00**

**Notes:**

- Access & Engineering issues will be charged at hourly rates

Indian Trail & Randall Rd	\$5,885.00
Phillips Park	\$ 4,870.00
Church Rd	\$ 6,798.00
<b>Total for All 3 sites</b>	<b>\$17,553.00</b>

I 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 I can be of further assistance, please call me at (630) 768-7093

Sincerely,

Brian James, RCDD

National Technologies NTI

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