



Proposal #10598

for

City of Columbus

Attn: Bill Rogers

P.O. Box 2949

Columbus, OH 43216-2949

For

Olentangy and 5th Avenue Fiber Repair

September 14, 2010

Dear Bill,



Thank you for this opportunity to propose fiber optic cable cabling and repair services at 5th and Olentangy.

If you have any questions please do not hesitate to call me at 740-964-7081 ext. 2101.

Sincerely,

Anthony Gunter, RCDD
President

Proposed Services

Fiber Optic Cabling: Echo 24 shall replace a 48 strand aerial / duct single mode fiber optic cable starting at the existing Battelle / Tisdale splice closure all the way to the Pedestal we installed at the old heliport last summer in accordance with the following:

- De-lash and remove an 1,850' segment of 48 strand cable including underground portion in manhole and across bridge on 5th Avenue
- Install and lash approximately 1,850' of Corning aerial / duct 48 strand single mode fiber optic cable
 - At each end, 100' of slack will be stored in snow-shoes. One existing set of snow shoes will be reused for this purpose
 - The existing strand (messenger cable) is adequate and will be reused for this work.
- At the intersection of 5th and Olentangy, on the Olentangy side, aerially splice 48 strands to the new 288 strand cable on Olentangy River Road.
 - A new 288 strand splice closure will be installed.
 - 48 strands spliced to the new 288 cable, 240 strands will be left dark for future
- At Tisdale (Battelle Area) re-splice 48 strand in existing closure to match current configuration
- Along Olentangy River Road, replace the existing 48 strand cable from the above splice closure all the way back to the pedestal we installed last summer in front of the old heliport.
 - This will include a repair of the broken messenger cable in that pole line
 - Includes de-lash and wreck out of the 48 strand cable all the way back to the pedestal.
- At the OCC Pedestal, Echo 24 will install a new Corning Splice Shelf and two each 144 fiber capacity Corning Closet Connector Housings
 - All 288 strands will be fusion spliced to factory polished SC pigtailed
- All fibers are to be OTDR tested with a launch cable of sufficient length to escape the OTDR's blind spot rendering the trace fully viewable from connector to connector. All Test results will be turned over to the City in an electronic format that will be viewable by the City without the use of special or additional equipment or software other than that delivered by the vendor
- This proposal includes removal from site and disposal of cable waste material.

ECHO 24

- It is understood that this cable is out of service and that all work will take place during normal business hours.

Pricing:

Labor:	\$38,469
Materials:	\$21,426
Total:	\$59,895
