

ADDENDUM TWO

TELEMETRY AND SCADA UPGRADES FOR MBWWTP AND VARIOUS LOCATIONS W-10-012-201 CITY OF CHATTANOOGA, TENNESSEE

The following changes shall be made to the Contract Documents, Specifications, and Drawings:

I. Clarifications

The following are questions received with associated answers.

1. Task 5: Supply and Installation of data paths at remote sites. Item 27 05 28.80 – Ethernet cable Cat5e UTP. How many terminations should be allowed for?
 - a. **Approximately 98 terminations are expected. All Cat5e terminations shall be incidental to the cost of item 27 05 28.80.**
 - b. **At approximately 90 sites the City has installed Cat5e (connected to the existing EPB fiber network) to the existing RTU cabinet. These cables were not terminated. The Contractor will be required to terminate these existing Cat5e cables and connect to the new RTU's.**
 - c. **There are 3 remote sites in the plans that show installation of new Cat5e cable. These sites will require the other 8 terminations.**

2. Task 5: Supply and Installation data paths at remote sites. Item 27 05 28.83 – Optic Fiber, single mode, 12 strand. - How many terminations should be allowed for?
 - a. **One fiber optic cable is expected to be installed between the Citico PS and the Citico CSO. This cable will require 2 terminations.**
 - b. **Only 4 strands of the 12 should be terminated. (two for Transmit and two for Receive) These need to be terminated at the switch (optical-to-electrical “media” converter) in each building. Coordinate color coding of fiber with City.**
 - c. **All Fiber optic terminations shall be incidental to the cost of item 27 05 28.83.**



October 11, 2016

/s/ Justin C Holland, Administrator
City of Chattanooga,
Department of Public Works