ADDENDUM 1

November 13, 2018

WET WEATHER COMBINED SEWER STORAGE – PHASE 1

CONTRACT NO. W-17-004-101

CITY OF CHATTANOOGA, TENNESSEE

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

Project Manual – Volume I

1. **Section 00 11 16, Advertisement for Bids**

   Paragraph 2

   - Replace: "Wednesday, November 14, 2018 at 10AM"
   - With: "Tuesday, November 20, 2018 at 1PM"

   - Replace: "Bidder attendance is mandatory"
   - With: "Bidder attendance is not mandatory, but is encouraged."

   Paragraph 4

   - Add: Builder's Exchange of Tennessee

Nashville Office	Knoxville Office
2322 Winford Ave	300 Clark street
Nashville, TN 37211	Knoxville, TN 37921

2. **Section 01 51 43, Temporary Bypass Pumping**

   Paragraph 1.01 Scope

   - Add: "C. Bypass pumping is optional, and if provided it shall be done by the Contractor at no additional cost to the Owner"

3. **Section 01 75 16, Starting of Systems**

   Paragraph 1.07 Operating Test Period, D, 2

   - Add: "a. Failure of critical equipment, component, or system which is not corrected within 4 hours.
     b. Failure of ancillary equipment, component, or system which is not corrected within 8 hours.
     c. Failure of equipment or system to consistently meet performance requirements within a rolling 2-hr period.
     d. More than 1 failure of the same type within a 24-hr period."

4. **Section 31 50 00, Excavation Support and Protection**
   Paragraph 1.01
   - Add: "B. Limits of excavation are shown on the Drawings. Contractor shall establish an excavation and excavation support plan to accomplish construction of the specified facilities within the limitations shown and specified. The implementation of excavation lay back, vertical earth retention systems, or a combination of methods is at the sole discretion of the Contractor in establishing the excavation and excavation support plan. Contractor shall be responsible for protecting existing facilities and shall provide movement monitoring as specified. The design and installation of excavation support systems required to complete the Work, whether shown or not shown, shall be the sole responsibility of the Contractor."

5. **Section 43 25 13, Submersible Non-Clog Pumps**
   Paragraph 3.03 (new)
   - Add: 3.03 Field Testing
     A. After pumps have been installed, operate each pump at 100 percent speed and obtain the wet well depth, discharge pressure, and flow measurement.

     B. Manually operate each pump through the predetermined speed range to verify pumps do not experience any vibration or hydraulic issues through the operating speed range. At the design wet well elevation, decrease speed to determine the minimum speed which the pump can deliver flow as evidenced by the check valve opening and a positive flow measurement.

     C. Operate pump station in automatic PLC control mode without significant interruption for a continuous period of no less than 24 hours. Flowrate into the pump station shall be varied by adjusting the Diversion Structure weir gate and/or the isolation gate on the 84-inch interceptor. Diverted flow shall simulate a rain event where flow ramps up and then back down. A testing plan shall be submitted for approval prior to commencing the test. Any significant interruption during the test shall cause the testing period to restart. If a significant interruption is experienced, after troubleshooting and repairs or modifications are complete, the test period shall restart and the pump station shall be retested until a significant interruption is not experienced.

Supplemental Information by Others

1. Geotechnical Final Report – Terracon, October 3, 2018
2. Phase I Environmental Site Assessment – Terracon, June 13, 2011
3. Limited Site Investigation – Terracon, January 14, 2013
4. Analysis of Brownfield Cleanup Alternatives – Terracon, August 9, 2013

November 13, 2018

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