ADDENDUM NO. 4

PROJECT:	**Moccasin Bend WWTP Effluent Disinfection System Upgrade** **Contract No. W-11-007-202**
BWSC No.:	35539-00
OWNER:	City of Chattanooga, Tennessee
ENGINEER:	BARGE, WAGGONER, SUMNER & CANNON, INC. 1110 MARKET STREET, SUITE 200 CHATTANOOGA, TENNESSEE 37402
ISSUED DATE:	December 9, 2014
BID DATE:	**Revised: December 16, 2014, 2:00 PM Local Time**

ALL BIDS SHALL CONFORM TO THIS ADDENDUM:

This addendum is an amendment to the bid documents for the referenced project, and as such will be made part of the contract documents. Acknowledge receipt of this addendum on the Bid Proposal. Failure to do so may subject the bidder to disqualification.

SPECIFICATIONS

1. The bid opening is date is hereby changed from December 11 to **December 16, 2014 at 2:00 PM local time**.
   a. Section 00 11 16, Advertisement for Bids, Page 1, change date of the bid opening in the first paragraph to **December 16, 2014 at 2:00 PM local time**.
2. Bidders are reminded to include all license information, including Electrical, Plumbing, Heating, Ventilation and Air Conditioning, and Masonry Subcontractors, on outside of envelope per Tennessee Code Annotated TCA-62-6-119, and Sections 00 21 19, 15.03 and 00 45 77.
3. No further questions or interpretations about the Bid Documents will be entertained.

DRAWINGS

1. Drawings C1.06 and C1.07, change Note 3 to read "SODIUM HYPOCHLORITE FEED PIPING SHALL BE SCH 80 CPVC."

CLARIFICATIONS in Response to Bidder's Questions:

Question: *The specifications do not mention in section 352016.26 what grade of stainless steel the gates themselves are to be fabricated from. The stems, anchor bolts, etc. are called to be type 316 but the gates and frames are not called out.*

Response: No preference on grade of SS.

Question: *The same specification section mentions that the gates are to be thimble mount. The drawings however show the gates as wall mount. We need clarification as to which if any of the gates are thimble mounted. If they are thimble mount then we will have to offer SST thimbles as opposed to cast or ductile iron.*

Response: Wall thimbles are not shown on plans and are not mandated. Installation is envisioned with RCP pipes embedded in concrete; however actual installation could be up to contractor how he decides to install RCP and gates in structures.

Question: *In regards to section 333213, package utility pump station I need a clarification. The specifications make no mention of us needing to mount the flow meter (CCB6-FE-1) transmitter box in our control panel. I've looked at the CCB No. 6 P&ID (Sheet I4.01) and it appears to show the transmitter in the pump station control panel. To further confuse myself I looked at the electrical riser diagram for CCB6 on sheet E6.01 and it shows the flow meter being powered from the mini power center and then it appears to show the signal wire from the flow meter going straight into the PLC21-R1 enclosure which would indicate we don't need to install the flow transmitter in our panel. I need to clear this up so that we can allow space if need be. Since it is powered from the other panel it doesn't really make sense to install it in our panel as then the power wire would have to be run between the 2 panels when we could just power it from ours.*

Response: Flow meter spec in 409100 includes NEMA 4X enclosure. That being said, it is the ultimate prime contractor's responsibility to coordinate between subs and equipment suppliers (e.g. pump, flow meter, electrical).

Question: *Note 3 on drawings C1.06 and C1.07 states that sodium hypochlorite feed piping shall be SCH 80 PVC. All "I" drawings show the sodium hypochlorite piping to be CPVC. Bid form items 7a and 7b state that the feed piping is to be CPVC. Please clarify if the sodium hypochlorite piping is to be PVC or CPVC.*

Response: All chemical feed piping is CPVC, see item this Addendum, except diffusers are Schedule 80 PVC per Detail 1/C1.09.

Question: *Please reference City of Chattanooga Standard Specification 02220-2.05.D.1 which states that common earth backfill is to be used for backfilling around structures. The soils boring report, in paragraph 7.6, states that free draining crushed stone is to be used for backfill of below grade walls but Specification 02220-1.02.D states that the soil borings report is to be used by the Contractor for such use as he may choose but the Owner does not guarantee the accuracy of the report. Drawing S1.02 shows the backfill of CCB6 to be "free draining <u>soil</u> (typ) see note 20.12". Note 20.12 states to backfilled with free draining crushed <u>stone</u>. Please clarify what material is to be used for backfill of the below grade structural walls.*

Response: Backfill CCB6 with crushed stone per Note 20.12.

Question: *We are unable to find specification regarding the HVAC on this project. Please advise at your earliest convenience.*

Response: HVAC units (heater, exhaust fan) are specified on Drawing M1.01.

This addendum consists of 2 Pages.

CITY OF CHATTANOOGA, TENNESSEE

<u>December 9, 2014</u> Date

<u>/s/ Lee Norris, Administrator</u>
Department of Public Works