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**Addendum No. 3**

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**PROJECT:** Brainerd Golf Course Pump Station Safety Improvements

**Project No.:** W-16-023-201

**OWNER:** City of Chattanooga, Tennessee

**ENGINEER:** BARGE DESIGN SOLUTIONS  
1110 MARKET STREET, SUITE 200  
CHATTANOOGA, TENNESSEE 37402

**ISSUED DATE:** January 04, 2019

**ORIGINAL BID DATE:** January 10, 2019, 2:00 PM Local Time

**\*\*REVISED BID DATE\*\*:** January 24, 2019, 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. Refer to Specification Section 00 52 00 "Agreement", Article 4.02A & 4.03A. The Work will be substantially completed within 180 days after the date when the Contract Times commence to run instead of 270 days. The Work will be completed and ready for final payment in accordance with the General Conditions within 210 days after the date when the Contract Times Commence to run instead of 300 days.
2. Refer to Specification Section 01 22 00 "Measurement and Payment", Article 1.3J and 1.9E have been removed. Article 1.15A has been added to show that rock removal is its own pay item.
3. Refer to Specification Section 31 23 33 "Trenching and Backfilling", Article 3.3E1, has been revised to state that rock removal is its own pay item.
4. Refer to Specification Section 00 11 16 "Advertisement for Bids", the date for Bid Opening has been revised from January 10, 2019 to January 24, 2019 at 2:00 PM Local Time.
5. Refer to Specification Section 00 41 00 "Bid Form", pay items have been included for rock removal.

**QUESTIONS**

1. **Question:** I see that blasting may be permitted as allowed by owner. Will blasting be allowed for this project both in the wet well area and for the line work? If so, can a rock pay item be added?

**Response:** Due to TDEC regulations, blasting cannot be used within 50 feet of a stream centerline. This includes the concrete lined ditch between MH 0 and MH 1 and around MH 1 itself. It also includes the concrete lined ditch adjacent to the pump station site. The Engineer is working with TDEC to determine if this regulation can be waived due to the modified nature of the streams, however for bidding purposes, assume that blasting is not allowed within 50 feet of the streams' centerlines. A pay item for rock has been added to the bid form, refer to 1.15A in Section 01 22 00. This pay item has been separated into rock removal by blasting and rock removal by other means.

2. **Question:** Will there be access available for us to bring in and out dump trucks to remove the spoil and shot rock? Will there be a pay item provided for the restoration or the temporary access required to enter the site for this removal?

**Response:** Yes, coordinate route(s) with Engineer and golf course personnel (See Note 1 on CS100 for limits of disturbance pertaining to pipeline installation). See Bid Items No. 10a and 10b.

3. **Question:** When the existing pump station is demoed will we be allowed to bury the station in place or will we have to remove the debris? We will need access for this area.

**Response:** Inert material including brick and concrete only may be buried in place and installed similar to rock backfill as described in Section 31 23 33 Part 3.4C. Refer to CD101 for additional demolition instructions.

4. **Question:** I may have missed it but I did not see any specifications for the wet well other than it is 8'x10' x28'. Is there any special rating required for the pump station wet well walls (earthquake rating, 12" walls etc.) Is it precast or poured in Place?

**Response:** The wet well is to be precast conforming to requirements of ASTM C913 as noted on G003. Refer to CU401 for minimum wall thickness.

5. **Question:** I see we can install cold patch for the cart paths. Will road plating of the cart paths be allowed when crossing in these areas?

**Response:** Yes

6. **Question:** Can shot rock be used as backfill? If so, what are the size and specifications for this?

**Response:** Refer to Section 31 23 33 Part 3.4C. In addition, no earth backfill material containing rocks, or rock excavation detritus, shall be placed in the upper twelve (12) inches of backfill. Upper twelve (12) inches shall be topsoil.

7. **Question:** Please clarify where the Wetwell Rehabilitation Coating (Bid Item 3) is required?

**Response:** All interior concrete walls of the new 8' x 10' wet well shall receive rehabilitation coating as specified in Section 33 01 30.83.

8. **Question:** Please clarify which manholes receive rehabilitation coating (Bid Items 8c and 8f)?

**Response:** All interior concrete walls of new precast concrete manholes shall receive rehabilitation coating as specified in Section 33 01 30.83. No existing manholes will receive coating.

9. **Question:** Please clarify the measurement and payment of Bid Items 10a, 10b and 10c. Asphalt (10a and 10b) are is generally paid by the surface area in square yards, not CY as indicated on the bid form. Concrete (10c) is generally paid by the cubic yard, not linear feet as indicated on the bid form. Section 01 22 00 is silent on these items. If concrete is indeed paid by the LF, please provide width and depth for payment.

**Response:** Please refer to Drawing CS100. The limits of restoration are defined on this sheet. The contractor will not be paid for any disturbance outside of these areas. Given the defined area, we assigned a unit of CY for asphalt restoration (Bid Items 10a and 10b). As for Bid Item 10c, Concrete has been revised to CY on bid form with revised quantity. Depending on the contractor's disturbance within the defined limits of disturbance, concrete restoration may or may not be required.

10. **Question:** Please provide the Invert Elevation on the existing pump station Wet Well to be demolished and the dimensions.

**Response:** No existing drawings are available for the existing pump station to be demolished. The rough interior wet well dimensions have been estimated to be 10-ft x 16-ft x 29-ft. Record drawing invert elevations for the existing 8" gravity sewer entering the wet well are shown at approximately 658.68.

11. **Question:** Are there AIS Buy American Requirements for this project?

**Response:** No

12. **Question:** The detail on sheet MD-501 shows the fence to be buried 6" into the ground? Does the fence need to be buried 6" & still remain 6' tall, above grade? Or will total height be 6'?

**Response:** Please refer to Drawing MD-501, detail 5. The height of the fence shall be 6' above grade. The chain link fabric is to be buried a minimum of 6" below grade for a total average height of 6'-6".

13. **Question:** It is not listed on the drawings which manhole is the 5-foot diameter?

**Response:** Please refer to Drawing CU101. Manhole 10 is called out to be 5-feet in diameter.

14. **Question:** Can you provide the bid documents to be turned in at bid time, this will allow the specifications to remain with the contractor for future use?

**Response:** Bidders are required to provide and submit their own bidding documents that have been provided to them.

15. **Question:** The thumb drive that was given when I purchased from the City will not load the specification book, please provide in an email (Drop box, Google drive, etc..) for our potential subcontractors to quote?

**Response:** Coordinate all issues with bidding documents with the office at City of Chattanooga at which they were purchased.

16. **Question:** Reference General Conditions, Article 12.01.B.2. The wording of these Standard General Conditions has been altered to allow the Owner to be the sole authority for pricing change order work. Please consider reverting to original language of the document.

**Response:** The Standard General Conditions language will remain unchanged.

## **DRAWINGS**

1. Refer to Drawing E101 – Revised Notes related to conduit materials being schedule 40 PVC for underground and exposed being PVC coated rigid Aluminum.
2. Refer to Drawing E101 – Revised grounding notes to indicate 5 ohms resistance and exothermic welded connections.
3. Refer to Drawing E101 – Clarified notes on EC responsibility at transformer pad and wet well classification.
4. Refer to Drawing E200 – Revised Notes related to conduit materials being schedule 40 PVC for underground and exposed being PVC coated rigid Aluminum.
5. Refer to Drawing E200 – Added grounding graphic to transformer.

## **ATTACHMENTS:**

- Revised Drawing E101
- Revised Drawing E200
- Revised Specification Section 00 41 00 - Bid Form
- Revised Specification Section 01 22 00 – Measurement and Payment
- Revised Specification Section 31 23 33 – Trenching and Backfilling

This addendum consists of 3 Pages and 5 Attachments

January 04, 2019  
Date

Department of Public Works