

---

**Addendum No. 4**

---

**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 18, 2019

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

**\*\*REVISED BID DATE\*\*:** February 7, 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 11 16 "Advertisement for Bids", the date for Bid Opening has been revised from January 10, 2019 to February 7, 2019 at 2:00 PM Local Time. The plans are being modified to include a permanent standby diesel pump of similar capacity as the submersible pumps. Revised drawing(s) and specification(s) to incorporate the standby pump will be issued in a subsequent addendum.

**QUESTIONS**

1. **Question:** Plug Valves: the project specs call for a DeZurik PEC, and there is about an 80% opening on that model valve. The spec also calls for 100% opening which would be a PEF model. Which opening % is required on this project?

**Response:** 100% opening is required for this project. Use the PEF model.

2. **Question:** Air Valves: Some of the models listed in the specs are the APCO 400 / 401 SWA. These are two different valve types. The 400 is an air valve and the 401 is an air & vacuum valve. However, the spec also lists (the detail drawing does too) a combination air & vacuum valve which would be a 406 (this is different than an air & vacuum valve). Which type of air valve is required for the project?

**Response:** A combination air release valve shall be used, 406 model.

3. **Question:** Air Valves: are the bodies to be stainless steel? The spec calls for this but the APCO SWA is not an SS body air valve, which is also called out in the specs.

**Response:** Refer to specification section 33 34 00, Article 2.5 H.2. The body and the cover of the valve shall be of stainless steel with a stainless steel float. All internal parts shall be stainless steel or bronze. The APCO combination air release valve has a 316 stainless steel body.

4. **Question:** Can you provide flow data on the 30-inch sewer line? It will have to be bypassed to allow coating of new manhole, MH10. And be advised that the bypass line for this operation will have to run across the fairway on top of the ground.

**Response:** There are no flow monitors installed upstream of the existing PS, so no exact number can be provided. If bypass pumping is required, based on the downstream flow monitor data, the estimated flow on the 30-inch sewer line is approximately 6.20 MGD (average) and 10.62 MGD (peak).

**ATTACHMENTS:**

- None

This addendum consists of 2 Pages and no Attachments

CITY OF CHATTANOOGA, TENNESSEE

January 18, 2019

Date

Department of Public Works