



PURCHASING DEPARTMENT
DIVISION OF BUDGET & FINANCE

PUR-1623
ADDENDUM NO. 9
INVITATION TO BID

SMITHSBURG WwTP ENR UPGRADE AND EXPANSION

DATE: Thursday, September 21, 2023

BIDS DUE: Wednesday, September 27, 2023

(Revised Due Date – Addendum No. 3) 2:00 P.M.(EDT/EST)

To Bidders:

This Addendum is hereby made a part of the Contract Documents on which all bids will be based and is issued to correct and clarify the original documents.

Please acknowledge receipt of this Addendum at the appropriate space on the Proposal Form. This Addendum consists of four (4) pages.

NOTE: All Bidders must enter the Washington County Administration Complex through either the front door at the 100 West Washington Street entrance or through the rear entrance (w/blue canopy roof) which is handicap accessible and must use the elevator to access the Purchasing Department to submit their bid and/or to attend the Pre-Bid Conference. Alternate routes are controlled by a door access system. The general public will be subject to wand search and will be required to remove any unauthorized items from the building prior to entry. Prohibited items include but are not limited to: Weapons of any type; Firearms, ammunition, and explosive devices; Cutting instruments of any type - including knives, scissors, box cutters, work tools, knitting needles, or anything with a cutting edge, etc.; Pepper spray, mace, or any other chemical defense sprays; and Illegal substances.

ITEM NO. 1: *Inquiry:* Section 46 66 56, Paragraph 1.2 B. Please confirm that the limit is 200 fecal coliforms, not 126 fecal coliform. 2 channels in operation this design is only 1 channel, 2 banks. With 1 channel, this should be updated in the spec to say 2 banks. Clarification requested

Response: The limit shall be 200 fecal coliforms/100ml based on a 30-day Geometric Mean fecal coliform and not greater than 1000/100 mL in more than 10% of the samples tested. The design shall be based on 1 channel, 2 banks as shown on Sheet PM-10.

ITEM NO. 2: Inquiry: Section 46 66 56 Paragraph 1.2 B.1. Trojan controls the system to meet a 30mJ/cm² dose. The system as designed has the capacity to deliver a 36.2 does at peak flow. Clarification requested

Response: The UV system shall be designed to deliver a minimum UV dose of 30 mJ/cm² at peak flow.

ITEM NO. 3: Inquiry: Section 46 66 56 Paragraph 1.2 D Please confirm the design limit here is correct as 1.2.B. notes 126. Clarification requested.

Response: With the peak design flow rate through the single channel, provide a final treated effluent with a fecal coliform level less than 200 MPN/100 ml based on a 30-day Geometric Mean fecal coliform and not greater than 1000/100 mL in more than 10% of the samples tested at suspended solids concentration equal to or less than 30 mg/l.

ITEM NO. 4: Inquiry: Section 46 66 56 Paragraph 1.4 A/B For this size system, all the commissioning (install check, functional testing, operator training) would be done in a single week, 1 trip. If 2 separate visits are required to complete this work, additional cost would need to be applied for a return trip. Clarification requested:

Response: Providing all the commissioning in a single trip is acceptable provided installation inspection and startup testing is successful and scheduling of training is coordinated accordingly. If a second trip is required to complete the commissioning due to issues with any of these items, it shall be at no additional cost to the owner.

ITEM NO. 5: Inquiry: Section 46 66 56 Paragraph 1.5 A Trojan's standard warranty is 12 months from startup and 18 months from delivery whichever occurs first. A cost adder is required for 2-year warranty. Custom costing required.

Response: A two (2) year warranty shall be provided for the UV disinfection system.

ITEM NO. 6: Inquiry: Section 46 66 56 Paragraph 2.2 D.8 Please note the system should be operated using Trojan genuine parts and does not offer a second manufacturer for lamps. Exception requested

Response: We acknowledge the recommended use of genuine original manufacturer parts.

ITEM NO. 7: Inquiry: Section 46 66 56 Paragraph 2.2 1.4. To date Trojan's proposals show a 208Y/120V power supply for PDC (and HSC). Please confirm that a 480V is required instead. Clarification requested.

Response: The UV System shall be powered by 208 volt, 3 phase power.

ITEM NO. 8: Inquiry: Section 46 66 56 Paragraph 2.2 1.7 & Q.3. This should be 24VDC and will pass through a low level control panel. Clarification requested.

Response: This is acceptable.

ITEM NO. 9: Inquiry: Section 46 66 56 Paragraph 2.2 K.1.a. To date Trojan's proposals have included a TouchSmart controller. Please confirm if a PLC is truly required. A cost adder will apply for the PLC. Clarification requested.

Response: An Allen-Bradley CompactLogix PLC should be provided as specified.

ITEM NO. 10: Inquiry: Section 46 66 56 Paragraph 2.2 K.1.b. To date Trojan's proposals have included a TouchSmart controller. A TouchSmart uses the 7" Beijer HMI. This is the only size available. If a PLC is required Trojan offers a 10 or 15" as standard options—would either of these be acceptable? If a 12 inch is needed, it will be custom and be an additional cost. Custom costing required.

Response: A 10" OIT is acceptable.

ITEM NO. 11: Inquiry: Section 46 66 56 Paragraph 2.2 K.1.k. Please confirm if this is a typo. If so, could it please be removed? There is only 1 channel for this design. Clarification required.

Response: The design shall be based on 1 channel, 2 banks as shown on Sheet PM-10. Therefore, Section 46 66 56 Paragraph 2.2 K.1.k. is not applicable.

ITEM NO. 12: Inquiry: Section 46 66 56 Paragraph 2.2 M.3 Please note there is a cost adder for an analog output card. Custom costing required.

Response: An analog output card is not required.

ITEM NO. 13: Inquiry: Section 46 66 56 Paragraph 2.2 O.7 Trojan's HSC panel is standard and cannot be customized to add these features. Exception requested

Response: Trojan's standard HSC panel is acceptable.

ITEM NO. 14: Inquiry: Drawing E-26 Please confirm the power supply requirements. Trojan's equipment can support either a 208v or a480V. Clarification required.

Response: The power supply to the UV System shall be 208 volt, 3 phase.

ITEM NO. 15: Inquiry: The revised dwg S-13 for the Influent Equalization Tank from Addendum 3 still does not show any Stairs leading up to the conc walkways, but two sets of stairs do appear on dwg PM-8 without any details for their construction. Can you tell us if these stairs are to be included in our bid, and if so can you tell us what they are made of and how they are to be constructed?

Response: Yes, the stairs shown on PM-8 are to be included in the bid. They are 4' wide aluminum stairs with a 4' x 4' landing at the top to be submitted as a deferred submittal with the structural design of the stairs and landing provided by the stair manufacturer.

By Authority of:



Rick F. Curry, CPPO
Director of Purchasing