

Filter Rehabilitation Proposal - Q & A

PROJECT: City of Tifton – Traveling Bridge Filter Rehabilitation

ACTION: Answer questions asked at Pre-proposal Meeting on 9/9/16

DATE: September 16, 2016

The following clarifications are for the above referenced Request for Proposal documents:

- 1.) **Q:** The RFP states that the rehabilitated filters should be capable of reducing a 24-hour upset loading of 200 mg/l to ≤ 30 mg/l. Is this a hard requirement or will exceptions be considered?
A: Technologies that cannot meet this requirement will be considered. Every proposal should include information stating that the technology can meet all the performance requirements or, if not, provide information on what 24-hour upset loading concentration could be reduced to ≤ 30 mg/l.
- 2.) **Q:** Is 120 contract days firm?
A: No, The Contract time shall be revised to 240 days per discussion between the City and multiple vendors. See Addendum #2.
- 3.) **Q:** Can the City provide upstream and downstream water surface elevations?
A: The City can provide the elevations shown in the original construction drawings by JJ&G. Per these drawings, the overflow weir elevation in the clarifier directly upstream of the filters is set at 319.50'. Filter Influent Weir is set at 318.00'. Filter Effluent Weir is set at 316.50'. The water surface elevations in the downstream flash mix and chlorine contact chamber (CCC) are not called out; however, the overflow weir in the CCC is set at 315.50'. Plans show the water surface elevation in the post aeration basin at 315.00. Copies of JJ&G drawings P-24, 25, 30, and 31 showing the clarifier and CCC are included through Addendum #2, Appendix B.
- 4.) **Q:** Where will the electrical panel for new equipment need to be mounted? What type of enclosure will be required?
A: The electrical panel will be mounted outdoor near or, preferably, on top of the existing filter basin. A stainless steel, NEMA 4X enclosure will be required. The existing system is 3 phase, 480 V. Per the original plans, there are currently (6)#12 and (2)#12G wires running from two(2) 20 Amp, 3 pole, 600 VAC breakers in MCC-C to the filter basin location. The breaker sizes and bucket locations were confirmed correct on-site. The Contractor may reuse these wires, breakers, and conduit or replace wires/breakers as necessary. The contractor will be responsible for all electrical materials and labor required.

Copies of original JJ&G electrical drawings E-2 and E-5 are included through Addendum #2, Appendix B.

- 5.) **Q:** Will the City of Tifton determine which valves and gates will be replaced?
A: Yes, the contractor should provide a price per “Each” valve and the City will determine the number that will actually be replaced during construction. Note that the proposal price should include assumed quantities per Part 5, E of the Request for Proposals.
- 6.) **Q:** Can sand removed from the existing structure be used as fill, or must it be disposed of in a landfill?
A: Sand removed from the existing structure must be disposed of in a landfill. The nearest landfill to the plant is approximately 30 mins away by road.
- 7.) **Q:** Do you want SCADA connection abilities? How many I/O?
A: The Plant does not currently have an active SCADA system, but we would like to be prepared to connect with one should it be added in the future. The description of each I/O will be specific to each individual proposed system, however, at a minimum please provide 16 DI/DO and 4 AI/AO slots. We would expect to be able to see the status of each motor present in the system and receive alarms pertinent to operation.
- 8.) **Q:** Does the City want to replace the overflow weirs to the middle by-pass channel?
A: Yes, the weirs will need to be replaced. Pricing for this item will be added to Part 5, E of the Request for Proposals through Addendum #2. The overflow weirs should meet the Weir specifications also added to the RFP through Addendum #2, Appendix C.
- 9.) **Q:** Does the City want to replace handrails around the basin?
A: Yes, the City would like to replace all handrails. Pricing for this item will be added to Part 5, E of the Request for Proposals through Addendum #2. The handrails should meet the specifications also added to the RFP through Addendum #2, Appendix C.
- 10.) **Q:** Please specify effluent weir and slide gate materials.
A: Weir and Slide Gate specifications have been added to the RFP documents through Addendum #2, Appendix C.
- 11.) **Q:** Will the contractor need to file any permits w/ the state?
A: No, the City and/or ESG will be responsible for obtaining any permits required. At this time we do not think that an EPD permit, a Land Disturbance permit, or a Local Building permit will be required.
- 12.) **Q:** Will a new cabling system be required?
A: Yes, a new cabling system is required per section 3.3, G of the RFP.

13.) **Q:** Is it acceptable to treat all WW flows in one filter basin if the technology can meet the performance requirements? If so, does equipment in the other basin need to be demolished.

A: Yes, it is acceptable to treat all WW flows in one existing filter basin; however, demolition of the existing equipment in both basins will still be required.

ATTENTION

BIDDERS ARE ADVISED THAT IT IS THEIR RESPONSIBILITY TO VERIFY THAT ANY AND ALL ADDENDA HAVE BEEN RECEIVED PRIOR TO SUBMISSION OF THE BID. IN CASE ANY BIDDER FAILS TO CHECK THE CITY OF TIFTON WEBSITE FOR ADDENDA IMMEDIATELY PRIOR TO BIDDING, THE PROPOSAL WILL NEVERTHELESS BE CONSTRUED AS THOUGH THE BIDDER HAS RECEIVED ALL SUCH ADDENDA, AND THE SUBMISSION OF THE PROPOSAL WILL CONSTITUTE ACKNOWLEDGEMENT AND RECEIPT OF SAME.