



THE CITY OF ROME, GEORGIA
WATER & SEWER DIVISION

**HAMLER WTP
FILTER CONSOLE REPLACEMENT
BID NUMBER 011-18**

PRE-BID CONFERENCE MEETING NOTES

MONDAY, APRIL 2, 2018
10:00 AM

The mandatory Pre-Bid Conference on the Hamler Water Treatment Plant Filter Console Replacement project was held in the Break Room at the Hamler Water Treatment Plant at 10:00 AM on Monday, April 2, 2018. The following potential Bidders were in attendance:

- Electric Machine Control
- Universal Controls, Inc.
- Industrial Control Systems
- J. K. Duren Company
- C2i/Control Systems Inc.
- Southern Flow, Inc.
- MR Systems
- Dexter Fortson Associates

The following specific items were discussed:

1. Introductions
 - a. All parties in attendance were introduced.
2. Mandatory Prebid Meeting
 - a. This Meeting is mandatory.
 - b. Proposals received from Bidders not in attendance will not be considered.
3. General Scope of Work
 - a. The general scope of work is to replace all eight (8) existing filter backwash consoles with new consoles, equipment, and appurtenances as required to install an automatic filter backwash process.
 - b. The scope of work in the Project Manual is intentionally very loose in order to allow each Bidder the opportunity to develop their optimal solution and put their best foot forward for their Proposal.



- c. It is understood that each Bidder accomplishes the same filter backwash process in various ways, and the Scope of Work is intended to accommodate that.
- d. The intent is for the graphics to be high-quality 2-D graphics that are highly functional for the operators, with maybe one (1) screen of 3-D graphics to show during plant tours, etc.
- e. The intent is for the software to be capable of producing daily reports for each filter; and then for the operator to have the ability to manually enter the data onto his monthly operating report. The MOR is not to be automatically generated by the system.
- f. The following questions were asked prior to the Meeting and were addressed at this time:

Q1: Can the integrator furnish square push-buttons to match the existing instead of the round push-buttons called out in the Scope.

A1: Yes. Round or square push-buttons are acceptable; whichever is the most economical and functional for the integrator's system.

Q2: Can we furnish a computer + a thin client touchscreen in lieu of the Allen Bradley PanelView called out in the Scope?

A2: Yes.

4. Bid Date/Time

- a. The project is scheduled to bid at 10:00 AM local time on Tuesday, April 10, 2018, in the Sam King Room, 601 Broad Street.
- b. Bids may be hand-delivered or may be mailed if desired, but they MUST arrive by the 10:00AM deadline.
- c. Any bids received after that time will not be opened.
- d. Bids should first be taken to the Purchasing Department in the same building to be date and time stamped.

5. Bonds

- a. A Bid Bond is not required.
- b. A 100% Payment Bond will be required.



- c. A 100% Performance Bond will be required.
6. Construction Period
 - a. Bidders shall include their proposed contract durations where indicated on the Bid Form.
7. Liquidated Damages
 - a. There are no liquidated damages established for the work.
 - b. If the integrator fails to meet the contract times that he establishes on the Bid Form, it may impact his ability to bid on future SCADA work for the City.
8. Bid Form & Attachments
 - a. Bidders were reminded to fully complete the Bid Form as well as all other attachments included in the Project Manual.
9. Alternate Proposals
 - a. Bidders were encouraged to submit "alternate proposals" if they believe that there is a better way to do the Work.
 - b. Bidders were asked to clearly identify any alternates and/or exceptions in their Bids.
10. Questions
 - a. Bidders were given the opportunity to tour and inspect the facility and develop a list of any questions that may arise as a result.
 - b. The following questions were asked and answered:
 - Q3: How many filters can be offline at a time?
A3: One.

 - Q4: What is the intent of the manual mode? How do we want to change from automatic to manual?
A4: The manual mode is for a redundant backup in case the automatic mode fails. The use of a switch to change from automatic to manual is acceptable.

 - Q5: Can we replace the entire console box instead of just the doors?



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A5: Yes. If the bidder prefers to fabricate an entirely new console and wire and test it in the shop instead of in the field, that is acceptable. ***The City requested that Bidders who choose not to furnish an entirely new console as part of their base quotation provide an additive alternate price for a new console with their proposal.***

Q6: Can we send signals over the network in lieu of hardwiring each individual console?

A6: No, the Owner prefers the consoles be hardwired.

Q7: Would radios be OK in lieu of hardwiring?

A7: Yes.

Q8: Is there existing conduit between the consoles?

A8: Yes, but the Owner is not aware of what is in the conduits or what might come out of the conduits as a result of this Work.

Q9: What is the shortest time that has been experienced between backwashes?

A9: 8 hours.

Q10: Is backwash water pumped or gravity flow through a control valve?

A10: Gravity flow through a rate of flow controller.

Q11: If we replace the entire console box, do we need to replace the two cover plates as well?

A11: Yes, with aluminum plates.

Q12: Are all of the existing instruments and transmitters working?

A12: Yes.



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Q13: Do we need to replace the existing Filter Effluent Valve Controller on the front of the panels?

A13: No.

Q14: Is there an existing vent valve on the air scour line?

A14: Yes. The blowers open against an open vent valve, then the vent valve closes to put air on the filter underdrains.

Bidders were instructed to have additional questions submitted to the Engineer by close of business Wednesday, April 4 in order to allow time for answers to be distributed in advance of the bid opening.

The above represents our understanding of the discussions held and decisions reached at this meeting. If you have any questions, comments, corrections, or clarifications, please contact InSite Engineering, LLC at 205-733-9696 as soon as possible.

Prepared by:

A handwritten signature in black ink, appearing to read "B.K. Pate", written over a horizontal line.

Bryan K. Pate, Principal

Attachments: Agenda
Sign-in Sheet

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