



Fulton County, GA

Department of Purchasing & Contract Compliance

*Cecil S. Moore, CPPO, CPPB, CPSM, C.P.M., A.P.P
Director*

August 29, 2011

**Re: 11ITB79458K-MH
S131 Northeast Creek Pump Station Upgrade**

Dear **Bidders**:

Attached is one (1) copy of Addendum 4, hereby made a part of the above referenced ITB.

Except as provided herein, all terms and conditions in the **ITB** referenced above remain unchanged and in full force and effect.

Sincerely,

Mark Hawks

**Mark Hawks
Assistant Purchasing Agent**

Winner 2000 - 2009 Achievement of Excellence in
Procurement Award • National Purchasing Institute



11ITB79458K-MH
S131 Northeast Creek Pump Station Upgrade

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This Addendum forms a part of the contract documents and **modifies** the original ITB documents as noted below:

Question 1. From what I can see... (see attached photo), your existing SCADA Processor can only handle a single 8 Digital Input card, and it appears full. The prints call for wiring in (2) Minicas relays into SCADA for pump fault. Do you have inputs you intend to do away with, or intend to upgrade the SCADA processor?

Answer: Minicas is not going to the SCADA panel. If additional input/outputs are required at the SCADA panel they are not part of this project.

Question 2. It appears that we are going to have to bypass the station in order to install the new pumps and the bypass. Are there provisions for the temporary bypass at the plant? If not, please provide the following information:

- a. Location, size, pipe diameter of manhole (s) upstream of the station
- b. Routing of the force main downstream of the station
- c. normal and peak flows for the station

Answer: There are no provisions for temporary bypass at the pump station. Please review the requirements of Section 33 0130.13.

- a. The best information available is provided in the attached file. These drawings may or may not reflect current conditions, and the Contractor accepts all risk associated with using this information.
- b. See response 2a.
- c. See Section 33 0130.13.

Question 3. Would we have a key to access the station and a key code to access the main gate to the subdivision during construction?

Answer: Appropriate access information will be provided to the awarded Contractor.

Question 4. This was asked at the Pre-Bid, but for the record...The Prints show just schematics, but Section 40 9443 calls for a redundant ControLogix PLC's. Is a PLC part of the bid?

Answer: Yes PLC is part of this bid. Redundant PLC CPU'S are required.

Question 5. I just received the prints on disk mailed out, and they do not match the prints purchased and picked up in person from Fulton Co. The Prints on disk call for a PLC and removal of the Level controls and SCADA. The hand carried prints call for using the existing SCADA panel and Level controls. Please advise which is correct?

Answer: The hand carried prints using the existing SCADA panel & level control are correct.

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Question 6: Spec Section 26 3216 Part 72.3 states the gen set and ats are to be supplied as a complete system while part 73.11 A. states the ATS is part of the MCC. MCC Spec Section 26 2419 Part 71.2.E.4 only calls for a generator breaker. It is not clear whether the MCC is to be equipped with a transfer switch. Can you please clarify about the ATS?

Answer: ATS & generator shall be supplied by the same vendor and not by the MCC vendor. However the ATS shall be located next to the MCC as shown in drawing. Provide ATS as shown in the specification. However the ATS shall be breaker type and can be from Cutler-hammer/Sq. D etc.

Question 7: Please provide specifications for the flow meter

Answer: See drawing E3.0 note 1.

Question 8: Spec 33 1216 94.3 & 95.4

The specifications for the Swing Check Valve connection states that they shall be grooved while plan sheet M-1.1 indicates flanged connections. Please clarify.

Answer: Exposed (not buried) valves and fittings shall be flanged.

Question 9: Plan Sheet M-1.1

Is there a drain pipe for the sump in the Flow Meter Vault? Please clarify.

Answer: No. The sump will be pumped out as needed with a portable pump.

Question 10: Plan Sheet M-1.1

Are there Filler Flanges utilized on the 10" discharge piping between all flanged connections? Please clarify.

Answer: No. Dimensional adjustments may be required depending on the pump and valves submitted in order to tie to the existing discharge piping.

Question 11: By-Pass Connection: Plan Sheet C-1.1, M-1.1

There is a 12" FLG 45 bend shown on sheet C-1.1 and not on M-1.1. Is this 45 bend required? Please clarify.

Answer: The arrangement shown on C-1.1 is correct. The 45° bend is required.

Question 12: Plan Sheet C-1.1 refer to MJ x PE Reducer

Please note that EBAA Iron Works will NOT guarantee the use of Megalug restraints where DI PE fittings connect to an MJ fitting.

Answer: Contractor shall use spool piece between existing 45° bend and new 18" x 12" reducer. Reducer shall be MJ x MJ. All mechanical joints shall be restrained with Megalugs. Length of spool piece shall be sufficient for access to and removal of each Megalug.

Question 13: Specification Section 40 9443 Programmable Process Logic Controller and Section 40 9513 Process Control Panels and Hardware are identical. Please provide any missing information.

Answer: Please ignore specification section 40 9513. There is no I/O list. Please see drawing E2.0 for PLC I/O. All references to specification section 13460 shall be ignored.

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Question 14. Please provide as built for the current station and include the influent lines coming in.

Answer: See response 2a.

Question 15. How many influent lines are coming into the wetwell?

Answer: One.

Question 16. Please provide the location and information for each upstream manholes on the influent lines coming into the wetwell.

Answer: See response 2a. Contractor is advised to review the requirements of Section 33 0130.13

Question 17. How long is the forcemain?

Answer: See response 2a.

Question 18. Instead of milling down the existing asphalt. It might be more cost effective to remove and replace the existing asphalt. Is this acceptable?

Answer: Contractor shall bid the project as shown on the plans. Owner and Engineer will consider cost-saving alternatives proposed by the awarded Contractor.

Question 19. On sheet CD1.1 detail 2 indicates the generator and sound enclosure are to be supplied by others. Is this correct?

Answer: No. Generator and sound enclosure are to be provided under this contract. Disregard the "(by others)" notation in Detail 2 on Drawing CD-1.1.

Question 20. On sheet C1.1, the invert of the influent on the flow meter vault is 4.5' deep. The invert of the forcemain out of the pump station is 9.5' deep. Are additional fittings required?

Answer: I do not believe the forcemain is 9.5 ft deep. See response to 2a. No additional fittings are required.

Question 21. Please verify the length and size of the forcemain. 18" is too large for 1250 gpm.

Answer: See response 2a. Flow is 1,750 gpm.

Question 22. These questions are from the by pass pump supplier: Where will we discharge?

Answer: See specifications.

Question 23. How deep is the man hole that we will need access to?

Answer: See specifications.

Question 24. Are they going to need a stand by pump?

Answer: See specifications.

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Question 25. What is the force main pressure?

Answer: See specifications.

Question 26. Do the pumps need to be critically Silenced?

Answer: See specifications.

Question 27. Where are the pumps pulling from?

Answer: Presumably, pumps will draw from the wetwell or the first manhole upstream of the station.

Question 28. What is the gpm required/

Answer: See specifications.

Question 29. What is the total feet of head?

Answer: See specifications.

Question 30. Will it be ok to combine the Terminal Junction Box and the Mini-cas Panels for the pumps into one enclosure due to all cables (power and sensor) being in one jacket and this could also be a cost savings to the county?

Answer: Please bid the job the way it is designed. We will evaluate any value engineering after a winning contractor is selected.

Question 31. Specification Section 44 0130.13. 89.3.A.- States that wastewater shall be directly pumped into the existing forcemain, downstream of the construction. Is there an existing bypass connection? If so, how far is it from the proposed construction? If no connection is available, will the engineer please advise the length of the force main to the discharge manhole or wetwell? A profile of the existing FM would be helpful, if available.

Answer: See response 2a. One possible option is to construct the bypass first and use it for subsequent bypasses.

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ACKNOWLEDGEMENT OF ADDENDUM NO. 4

The undersigned proposer acknowledges receipt of this addendum by returning one (1) copy of this form with the proposal package to the Department of Purchasing & Contract Compliance, Fulton County Public Safety Building, 130 Peachtree Street, Suite 1168, Atlanta, Georgia 30303 by the ITB due date and time **September 13, 2011 11:00 A.M.**

This is to acknowledge receipt of Addendum No. 4, _____ day of _____, 20__.

Legal Name of Bidder

Signature of Authorized Representative

Title