



Department of Purchasing & Contract Compliance

September 11, 2013

Re: 13ITB072213K-NH – S-126 Sullivan Wastewater Pump Station Improvements

Dear Vendors:

Attached is one (1) copy of Addendum 3, hereby made a part of the above referenced **13ITB072213K-NH – S-126 Sullivan Wastewater Pump Station Improvements**.

The due date for the project listed above has been changed to **Friday, September 20, 2013 at 11:00 am**. The question deadline for this solicitation has been extended to **Friday, September 13, 2013 at 2:00 pm**.

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

Sincerely,

Nancy Harrison

Nancy Harrison, CPPB
Assistant Purchasing Agent

Attachments:

Winner 2000 - 2009 Achievement of Excellence in
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**13ITB072213K-NH – S-126 Sullivan Wastewater Pump Station Improvements
Addendum No. 3
Page Two**

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

GENERAL INFORMATION:

- 1) The following lighting fixture types are acceptable:
 - i. TYPE A WILLIAMS GLN 4 232 SCHA118A12125PRISMATIC HUBMT ¾ EB2 UNV
 - ii. TYPE CX- PHOENIX PX S 10 0 BP PXB3 PXG1 (INCLUDED THE CAST GARD AROUND REFRACTOR GLOBE)
- 2) PICS shall install the pump protection relay (CAS) as provided by the pump manufacturer inside the Main Control Panel. Typical for Pump Stations No. 1, 2, 3, and 4. Provide control power and interconnections as required.
- 3) The solicitation document has been revised to address the following issues:

In the Table of Contents, DELETE references to specification section 40 9443 “Programmable Logic Process Controller”. The specification does not exist.

Replace Specification Section 26 3200 “Generator and ATS”

1. **Question:** Section 1.5 P-1, page 4 states “the drawings and specifications use Fairbanks Morse as the basis of design equipment” However Section 2.2 B, page 5 states that “pumps shall be model NT3301 HT, dry pit pumps as manufactured by ITT Flygt”. Should the basis of design then not be NT3301 HT, dry pit pumps as manufactured by ITT Flygt in place of Fairbanks Morse?
Answer: *The basis of the design should be ITT Flygt. Pumps shall be model NT3301 HT dry pit submersible pumps as manufactured by ITT Flygt or other equal as determined by the engineer of record including Fairbanks Morse pumps.*
2. **Question:** Where will the CAS unit specified in Section 2.5 L-4 page 9 be located?
Answer: *The CAS unit shall be located in the Pump Control Panel.*
3. **Question:** In regards to the Sullivan PS project, spec section 23 78 80 Packaged Carbon Odor Control System, PureAir Filtration, who is already named as acceptable supplier, would like to request that the County allow the use of HDPE as a material for the odor control system tanks for this project. PureAir recently supplied a very similar system in size and scope to that specified for this project for a County odor control system along the Riverside Drive Interceptor constructed from HDPE. Further, there are other odor control systems within Fulton County that are also constructed of HDPE, specifically the odor control systems at the JCEC. For this size system, HDPE is a standard material and has a larger installed base than FRP. As this has been acceptable to the County in the past, and has proven to be entirely suitable for the application and environments it has been utilized, PureAir Filtration would like to request that it be accepted for this project as well.
Answer: *The use of HDPE as a material substitute for the odor control system may be evaluated after the bid award provided a submittal of the appropriate document is made by the contractor to Fulton County and(or) the engineer of record.*
4. **Question:** Will any permitting be required to work in the stream buffers?
Answer: *The engineer of record has prepared approved drawings for this project as outlined in the documents.*

5. **Question:** Has Fulton County acquired all permanent and temporary easements for construction? Specifically for the construction of the retaining wall at PS #1. Can you provide the size and locations of the easements?
Answer: *Fulton County has acquired all temporary and permanent easements necessary for the construction of the retaining wall at Pump Station #1 (see attached easement drawings).*
6. **Question:** Please provide details and/or as built drawings on the existing force mains.
Answer: *There are no known as built drawings for the existing force mains. There is limited and incomplete data on the force mains but the accuracy of the data has not been verified. See attached data file "Sullivan Force Main PDF."*
7. **Question:** Is there sufficient storage at each pump station to empty the force main in order to make the new connection?
Answer: *There is pressure flow and (or) gravity flow at each pump station. There is no precise estimate of flow. The amount of storage needed at each pump station will be a function of the time taken to make the connection, the time of the day the connection is made, and the nature of the bypass pumping operation etc. which are all a part of the means and methods of doing the work. It is suggested that low flow conditions be utilized as much as possible.*
8. **Question:** Where are the existing stations to be bypassed to during construction?
Answer: *The intricacies of the by-pass pumping operation are part of the means and methods of executing the project and are therefore the contractor's responsibility to identify how and where the flows will be pumped to. If the contractor wants to provide a holding tank and temporary odor control or by-pass a station to the next downstream station that may be an alternative. It is suggested that low flow conditions be utilized as much as possible.*
9. **Question:** The drawings for Process piping for PS #3 are illegible.
Answer: *Another copy of the drawings is available from the Water Resources Department or see attachment.*
10. **Question:** Will the bypass pump, by others, be available for the contractor's use during construction?
Answer: *No; the by-pass pump by others will not be available during construction. That depends on the contractor's intended plan for temporary bypassing of the pump station during construction. By others means that bypass pumping can be used but is not considered as a permanent fixture of the station upgrades.*
11. **Question:** Are there any flow rates & force main pressures available for all 4 stations for Bypass pumping purposes.
Answer: *The estimate of the average daily wastewater flows by the engineer of record are: Pump Station #1 – 0.73 mgd; Pump Station #2 – 0.77 mgd; Pump Station #3 – 1.07 mgd; and Pump Station #4 – 1.13 mgd. No accurate information is available from the County; the contractor should include the cost of flow investigation in the bid. Strap-on flow meters are available in the market place for temporary flow studies.*
12. **Question:** Reference Sheet C-1.2, the construction of the new retaining wall and force main tie in point appears to be very near or outside the County's property. What provisions have been made for temporary construction easements in this area? What are the limits of the temporary easement?
Answer: *Fulton County has acquired the necessary temporary and permanent easements to facilitate to facilitate the construction of the retaining wall at pump station #1.*
13. **Question:** It appears that we must bid using one of the listed manufacturers for the generator and ATS. However, if we are awarded the bid we can then submit appropriate documentation for substitution approval. Please confirm that this is correct.
Answer: *That is correct. If you are awarded the bid you will be allowed to submit to the engineer of record for review; appropriate documents for substitution approval.*

14. Question: What are the required dimensions for the Service Entrance Automatic Transfer Switch? Also, Kohler Power Systems has manufactured Automatic Transfer Switches for over 30 years. Kohler utilizes internal components from Thomson Technologies (an approved manufacturer) along with the Kohler MPAC 1500 controls. Would Kohler be an accepted alternate for the Service Entrance ATS?

Answer: *Yes, Kohler is acceptable. The maximum dimension shall be 50" High x 40" Wide x 20" Deep.*

15. Question: Also, from named supplier, Hallsten: Specification Section 050810 FLAT ALUMINUM COVERS Hallsten Corporation would request exception to the following requirements; Part 2.02 A. 2. – Add the following as an equal to the specified item. "Extruded 6061-T6 aluminum panels with sufficient thickness to meet or exceed a design load of 100-pounds per square foot live load, 400-pound concentrated load distributed over one square foot at any location, and an L/240 deflection limitation."

Answer: *Add Extruded 6061-T6 aluminum to Part 2.02 A. 2. Also, revise the last sentence to read as follows: Formed panels for the flat cover shall have a minimum thickness as required to satisfy the requirements of part 2.04 Design Loads.*

16. Question: Also, from named supplier, Hallsten: Specification Section 050810 FLAT ALUMINUM COVERS Hallsten Corporation would request exception to the following requirements; Part 2.02 A. 10. What is the intent of the required flotation on the hatches on the aluminum covers? Is the Owner anticipating water in the vaults and worried that the hatch will not open to relieve the pressure of rising water fast enough? Are hatches with no flotation acceptable? Hallsten can add additional hatches to the cover system to help relieve this condition if required.

Answer: *The covers must be capable of relieving rising water from beneath the cover and must permit re-entry of standing water above the cover into the wet well as water level drops. If the vendor has an alternate method for accomplishing this, the contractor may submit it for review and approval following bid award.*

17. Question: Also, from named supplier, Hallsten: Specification Section 050810 FLAT ALUMINUM COVERS Hallsten Corporation would request exception to the following requirements; Part 2.03 B. 6. – Exclude this item in its entirety. Hallsten cannot meet this requirement. The specifications call for a vacuum load of 16 inches of water column and a pressure load of 8 inches of water column implying a pressure vessel with an air and water tight seal. Hallsten covers, a named supplier of covers, are not 100% air and water tight but rather substantially air tight, defined as maintaining an air infiltration rate of 0.2 cfm per square foot at an applied negative pressure of 0.2 inches of water column negative pressure during a shop airtightness test. (Hallsten can meet the loading requirements set forth in item 1. Above.)

Answer: *Specification article 2.03 B.6 shall be revised as noted below:*

“6. Rated Infiltration Air Flow - 0.2 CFM per square foot at 0.2 inches w.g. negative pressure.”

ACKNOWLEDGEMENT OF ADDENDUM NO. 3

The undersigned proposer acknowledges receipt of this addendum by returning one (1) copy of this form with the bid package to the Department of Purchasing & Contract Compliance, Fulton County Public Safety Building, 130 Peachtree Street, Suite 1168, Atlanta, Georgia 30303 by the due date and time specified in this document.

This is to acknowledge receipt of Addendum No. 3, _____ day of _____, 2013.

Legal Name of Bidder

Signature of Authorized Representative

Title

Filename: ADDENDUM 3
Directory: H:\Advertisements\2012\K Team\Jimmy
Template: C:\Users\Lisa.Mckine\AppData\Roaming\Microsoft\Templat
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Title: [Insert Date]
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