



Fulton County, GA

Department of Purchasing & Contract Compliance

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

August 24, 2011

Re: #11ITB79459K-LW, South Fulton Pump Station Odor Control System

Dear Bidders:

Attached is one (1) copy of Addendum 3, hereby made a part of the above referenced Invitation to Bid (ITB), **11ITB79459K-LW, South Fulton Pump Station Odor Control System.**

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

Sincerely,

Linda Walton

**Linda Walton
Assistant Purchasing Agent**

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



**#11ITB79459K-LW, South Fulton Pump Station Odor Control System
Addendum No. 3
Page Two**

ACKNOWLEDGEMENT OF ADDENDUM NO. 3

The undersigned proposer acknowledges receipt of this addendum by returning one (1) copy of this form with the proposal package to the Purchasing Department, Fulton County Public Safety Building, 130 Peachtree Street, Suite 168, Atlanta, Georgia 30303 by the ITB due date and time **Tuesday, August 30, 2011, 11:00 A.M.**

This is to acknowledge receipt of Addendum No. 3 , _____ day of _____, 2011.

_____ Legal Name of Proposer

_____ Signature of Authorized Representative

_____ Title

#11ITB79459K-LW, South Fulton Pump Station Odor Control System

Addendum No. 3

Page Three

Submitted Questions/Inquiries and Answers

Q1: *Note 7 on Sheet M-2.0 cannot be quantified. Please give locations and square footage or provide an allowance for this item.*

A1: The quantity of grating to be removed and replaced with FRP at the Deep Creek Pump Station is 325 square feet.

Q2: *The FRP enclosure covering the stair at Graham Drive (sheets C-3.0 and M-3.0) does not entirely cover the opening. Will more area need to be covered or is it correct as shown?*

A2: The FRP enclosure is intended to fully cover the entire stairwell. The Contractor shall make the necessary measurements and furnish detailed shop drawings to ensure the stair is fully covered as intended. The FRP enclosure submittals shall be prepared as well as signed and sealed by a Professional Engineer licensed in the State of Georgia.

Q3: *It appears that several handrails will have to be removed or modified to install the FRP covers and stair covers. If so, is there a detail to cover the handrail removal or modifications?*

A3: Existing handrails and guardrails, if required to be removed, shall be re-installed by the Contractor unless the new FRP covers or stair enclosures eliminate the need for the handrail or guardrail. Contractor is responsible for repairing any damage caused to the existing concrete structure during removal at no additional cost to the owner. The Contractor shall include the handrails and guardrails identified to be removed in the demolition plan required to be approved during the shop drawing submittal process. Use 1/2 IN stainless steel anchors and hex bolts with epoxy adhesive if the existing anchor systems are damaged during installation. Bevel the top of the bolt after cutting to provide a smooth surface. Use Handrails shall not project more than 4-1/2 IN into required stairway width.

The cost of handrail or guardrail removal or replacement shall be considered incidental to the project. No additional payment will be provided for this work.

Q4: *Sheet MD-1.0 at "Typical By-Pass Connection Discharge" shows a 12" HDPE spool piece and a 12" HDPE flange at the termination. This does not agree with what is a possible quick disconnect shown on sheets C-3.0, M-1.0 and M-6.0. Please clarify.*

A4: See Addendum No. 2 for the revised detail that should be used for by-pass piping.

Q5: *New by-pass connections are shown on sheets M-1.0 Cochran Road, C-3.0 Graham Drive and M-6.0 Trickum Road. Your personnel has stated that there are several more by-pass connections required. If this is so, please give us the locations and pipe sizes.*

A5: By-pass piping connections to be installed under this contract include Cochran Road, Graham Drive, Trickum Road and Whitewater Pump Stations. See Addendum No. 2 for the additional information for Whitewater Pump Station.

- Q6: *Specifications Section 06 8200 FRP ENCLOSURES AND COVERS, in paragraph 3.3 B says the “finished assembly ready to receive paint.” Are FRP enclosures and covers to be painted? If so, there is no painting specification.*
- A6: All FRP covers and enclosures shall receive a factory paint finish of polyurethane paint, Tnemec Series 73, or approved equal and shall follow paint manufacturer’s requirements for application. The paint color shall be submitted for County approval during the shop drawing review process.**
- Q7: *Is there any painting required for this project?*
- A7: All FRP covers and enclosures shall receive a factory paint finish of polyurethane paint, Tnemec Series 73, or approved equal and shall follow paint manufacturer’s requirements for application. The paint color shall be submitted for County approval during the shop drawing review process.**
- Q8: *We are still awaiting a reply to our inquiry of August 10, 2011 concerning the validity of Purchasing Requirement Form C2 for this project if the contractor is required to have a Utility Contractors License. It was indicated in the pre-bid meeting that Form C1, Georgia Utility Contractor License, Form C2, Georgia General Contractor License and Form C3, Georgia Professional License would all need to be submitted with our bid. According to O.C.G.A. 43-41-17, Persons Licensed by the Construction Industry Board (e.g. utility contractors) do not have to be licensed as a general contractor. We see this job as requiring a Utility Contractor License and an electrical subcontractor, who would be licenses, but no other specific licenses. Please clarify*
- A8: Please see Addendum No. 2, Specification Changes, Section 00100, Instructions to Bidders**
- Q9: *On sheet M1.0 indicates handrail needs to be removed and replaced. Please identify exactly what handrail needs to be removed and replaced. Please provide a detail for this handrail.*
- A9: See Answer number 3 (A3), this Addendum.**
- Q10: *Are the hot boxes to be heated?*
- A10: Yes**
- Q11: *Can black dyed concrete be used over the drain lines and/or by pass connection instead of asphalt?*
- A11: Substitutions may be considered only after the bid phase is completed based on an appropriate credit to the Owner and approval by the Engineer.**
- Q12: *Please provide a copy of spec 44-1000 per note 3 C2.0.*
- A12: Please refer to Specifications 44-1010 and 44-1020.**
- Q13: *Please clearly define which existing grating is to be replaced with frp covers. Note 7 M2.0, Note 3 M2.1, Note 8 M3.0, and Note 2 M4.0*

- A13: All open grating systems at Deep Creek shall be replaced with FRP covers. Grating at the remaining pump stations which require FRP covers are detailed in the drawings.**
- Q14: *Please provide finished floor elevations for the Deep Creek upper level and M2.0 and the lower level on M2.1*
- A14: Sheet M-2.2 Section A shows top floor elevation to be 754.93 and the lower floor elevation as 731.23**
- Q15: *Please clearly define what duct work is to be demolished.*
- A15: Per Specification 44-1010 Part 1.4.E, all odor control system components shall be removed. This includes the removal of all existing odor control duct work except for the duct work below the first floor slab at the Northeast Creek PS. See Note 4, M-5.0.**
- Q16: *At the Morning Creek pump station what type of liquid if any will be in the tank? Will the contractor be responsible to removing the liquid?*
- A16: The existing tank is from an out of service odor control system. The Contractor is responsible for removing the tank and its contents per the specifications.**
- Q17: *On sheet E4.0 the drawings show work to be done to an existing flow meter. Please define what is to be provided for that flow meter.*
- A17: Contractor shall field verify the Make and Model No. of the existing flow meter. The signal shall be 4-20 mA which shall terminate to the existing Mission control system which has been installed by Veolia.**
- Q18: *What is the brand, type, size, and model of the flow meter show on E4.0.*
- A18: Contractor shall field verify the Make and Model no. The signal shall be 4-20 mA which shall terminate to the existing Mission control system which has been installed by Veolia.**
- Q19: *On sheet M7.0 below note 1 the statement "remove aluminum grating and replace with grating" What type of grating is to be provided? Can details be provided?*
- A19: FRP or aluminum grating is acceptable. Contractor shall provide installation details based on existing conditions of the opening and existing equipment.**
- Q20: *Please provide a detail for the cover described in Note 1 sheet M7.0. Please include how it is to be connected.*
- A20: Contractor shall furnish FRP cover details in a shop drawing for review that has been prepared as well as signed and sealed by a professional structural engineer licensed in the State of Georgia. It is the Contractor's responsibility to review each cover application and prepare an installation detail for review and approval by the Engineer. The FRP cover details should provide sufficient information for installation and attachments to secure the covers in place and to allow for removal if desired by County maintenance.**
- Q21: *Please provide a detail on how all frp covers are to be attached and secured.*

A21: Contractor shall furnish FRP cover details in a shop drawing for review that has been prepared as well as signed and sealed by a professional structural engineer licensed in the State of Georgia It is the Contractor's responsibility to review each cover application and prepare an installation detail for review and approval by the Engineer. The FRP cover details should provide sufficient information for installation and attachments to secure the covers in place and to allow for removal if desired by County maintenance.

Q22: In locations that frp covers are installed. Are these covers replacing the existing covers/grating or are the to go over the existing grating/covers?

A22: The FRP covers are replacing the existing grating / covers.

Q23: Please provide structural details of the frp covers.

A23: Contractor shall furnish FRP cover details in a shop drawing for review that has been prepared as well as signed and sealed by a professional structural engineer licensed in the State of Georgia It is the Contractor's responsibility to review each cover application and prepare an installation detail for review and approval by the Engineer. The FRP cover details should provide sufficient information for installation and attachments to secure the covers in place and to allow for removal if desired by County maintenance.

Q24: What are the quantities for items 3 and item 4 on the bid form?

A24: The quantity for Item 3 is 50 CY and Item 4 is 750 LF.

Q25: Please provide details or a measurement and payment section for the Item 2 Equipment Allowances a. \$300,000 on the bid form.

A25: Item 2 is an Owner Allowance in the amount of \$300,000. This allowance is for Owner directed changes to the contract. There are no equipment allowances in this contract.

Q26: On sheet M1.0 detail A, the scale for the forcemain discharge is approximately 16' below grade. This is the same forcemain we have to make our by pass connection on. Please verify the depth forcemain and scale of detail A Sheet M 1.0.

A26: The scale is correct and shows the approximate depth of the force main correctly based on the best available information furnished from Fulton County.

Q27: On sheet M1.0 does the structure above the influent chamber need to be removed?

A27: No

Q28: Is the equipment pad for the mobile diesel pump shown on sheet MD1.0 "section", but not shown on any of the site drawings required? If so, please provide all details and locations for these pads.

A28: A new equipment pad for the mobile diesel pump is only required for Whitewater Pump Station. All other mobile diesel pumps shall be located directly on existing pavement. See Addendum No. 2 for Whitewater PS mobile diesel pump pad location.

Q29: Will deducts on the outside of the sealed bid envelope be accepted as last minute price cuts come in? We typically will get pricing 5 minutes prior to bid.

- A29: No. The only bid price that will be considered is the price indicated on the Bid Form, sealed in the envelope. No notations on the outside of the envelope will be considered.**
- Q30: *Are escutcheon plates required detail MD1.1 #1?*
- A30: Yes, however, Fulton County reserves the right to eliminate the plates if desired prior to construction. Please include the plates in the bid.**
- Q31: *Is it the intent of have the frp enclosure close the entire section around and underneath the Morningside stairwell. If so, please provide a detail. Detail MD 1.2 #4 will not work due to existing conditions.*
- A31: Yes, the entire stairwell shall be enclosed. Additionally, FRP covers may be installed in the vertical arrangement to cover openings on the vertical face of the influent screening structure. Please see MD-1.2 Detail 1, Note 1.**
- Q32: *Please provide as builts or a force main elevation for where the tapping sleeve and valve are to be installed on sheet M6.0.*
- A32: The existing force main is approximately 15 feet below the finished grade of the top of ground elevation. Contractor shall field locate the force main and all underground utilities prior to commencing construction.**
- Q33: *Are the frp covers to be gasketed?*
- A33: No**
- Q34: *Is there any Scada work to be supplied under this contract? If so, please clearly define what is to be furnished and installed.*
- A34: Yes. All pump stations except the Northeast Creek have an existing Pump Control panel. Northeast Creek is going to have a new Pump control panel. Connecting new signals from Odor control system to the existing pump control panel or in case of Northeast Creek to the new pump control panel is included in the scope of work. Contractor shall make sure all those input/outputs are activated. However communication between pump control panel and the existing SCADA system at Big Creek or Camp Creek is not included in the scope of this work.**
- Q35: *Bid form items 3 and 4 are missing the bid quantities (page 2 of 4 of the bid form). Are items 3 and 4 going to be used for additional work or are they part of the items shown in the contract?*
- A35: The quantity for Item 3 is 50 CY and Item 4 is 750 LF.**
- Q36: *Bid form item 2 includes an allowance of \$300,000 for equipment what is the intent of the allowance?*
- A36: Item 2 is an Owner Allowance in the amount of \$300,000. This allowance is for Owner directed changes to the contract. There are no equipment allowances in this contract.**

Q37: *Section 0100, Summary of Work, 1.2-5-A-d, indicates that a bypass is needed at the White Water Pump Station. However, the mechanical or civil drawings do not show it. Please clarify.*

A37: Please see Addendum No. 2.

Q38: *Section 06 8200-2.2-c, calls for electronic exit bars. The electrical drawings do not show how the electronic device will be powered.*

A38: Provide a junction box above the door to connect the cable from the electronic exit bars to the cables from the nearest lighting panel. Provide 2#12 and 1#12gnd cable in ¾" PGRS conduit. Junction box shall be suitable for the area where the door is located. The area is designated as Class I, Div I. Provide seal-off fitting between hazardous and non-hazardous area.

Q39: *Please provide model # for the electronic exit bars indicated in Section 06 8200-2.2-c. Does it have to be a class I, div I component?*

A39: Electronic exit bars must be suitable for the Class I, Div I environment.

Q40: *Please provide the approximate depth of the force main for the pump station that require a bypass connection. The force main inside the pump gallery for Graham for instance is more than 15' or so below grade.*

A40: The best available information is furnished in the drawings.

Q41: *Section 44 1010 Carbon Odor Control System, Sub sections 3.05.D. and Sub Section 44 1011, 3.05.F. Is it the intent of the of this specification section to have a testing laboratory conduct the testing or is the intent that the manufacturer conduct the testing? Please clarify.*

A41: The manufacturer conducts the sampling but sends the samples to a pre-approved laboratory for analysis.

Q42: *Section 44 1011, Biological Odor Control Systems. Sub sections 3.05.D. and Sub Section 44 1011, 3.05.F. Is it the intent of the of this specification section to have a testing laboratory conduct the testing or is the intent that the manufacturer conduct the testing? Please clarify.*

A42: The manufacturer conducts the sampling but sends the samples to a pre-approved laboratory for analysis.

Q43: *Please identify the detection ranges of both instruments and what kind of Nema enclosure is required (standard is FRP, but sometimes stainless steel is quoted).*

A43: The two point continuous emissions monitors shall use FRP NEMA 4X enclosures with a sunshield and should meet the detection ranges as follows:

	Two Point CEM System	
Pump Station Location	Inlet	Outlet
Cochran Road	0-1000 ppm	0-2 ppm
Deep Creek	0-200 ppm	0-2 ppm
Graham Drive	0-1000 ppm	0-2 ppm
Morning Creek	0-20 ppm	0-2 ppm
Northeast Creek	0-20 ppm	0-2 ppm
Trickum Creek	0-20 ppm	0-2 ppm
Whitewater	0-20 ppm	0-2 ppm