

**ADDENDUM #14
BID NO. 2009-T**

Issue Date: September 2, 2009

Project: South Columbia County Regional Wastewater Treatment Plant

Notice to all bidders is hereby given that the following modification is made to the Request for Bids referenced above:

Response to Request for Additional Information #3

Attached are Responses to a Request for Additional Information. Each bidder should familiarize themselves with the information provided herein prior to submission of their bid.

Each bid submitted in response to this Request for Bids shall include an acknowledgement of this addendum.

EUTAW UTILITIES, INC.

Project Development...Concept to Completion



Date: September 2, 2009

To: All Bidders

From: Eutaw Utilities

**RE: South Columbia County Regional Wastewater Treatment Plant
Request for Additional Information #3**

The following questions were submitted in respect to the above referenced project.

1. With regard to service temperature for air piping. Specification section 11360, page 8, list a blower discharge temperature of 350 degrees F. Please confirm that this is the required service temperature for the air line. We do not currently offer a gasket rated for this service temperature, the maximum service temperature rating for our gasket material is 300 degrees F in air service.

The gasket will be acceptable if accompanying a blower that has a certified maximum temperature rise of no greater than 180 degrees at the rated air flow.

2. With regard to thrust restraint for the plant portion of the project. Specification section 15050, page 7 states that the line is to be restrained as shown on drawings. The only reference to thrust restraint on the drawings for the plant portion of the work is thrust block details on sheet M-4. Is to be interpreted that thrust blocking is the only form of thrust restraint to be provided on this project, or are restrained joint pipe and fittings also required?

Other pipe restraints are shown on the various structure sheets.

3. With regard to 3" ductile iron piping located in the plant yard and at the spray field. American does not manufacture 3" ductile iron pipe and fittings. Is it acceptable to quote 4" material in lieu of 3" material? Can 3" Sch. 80 PVC be used with PVC fittings? 3" DIP is expensive and the fittings are tough to find in domestic sources.

4" Ductile Iron or 3" Schedule 80 PVC and fittings may be used if it is cost comparative.

4. With regard to the 6" force main pipeline material. The force main material is not labeled on sheets ALT 1 & ALT 2. However, a DI/PVC transition is shown on sheet ALT 5 at the duplex pump stations. Is it correct to assume that PVC will be required for the majority of the 6" force main, with ductile iron pipe at the pump stations and the I-75 jack & bore? Or is this entire line to be ductile iron?

The piping, outside the limits of the pump stations and the I-75 bore, shall be 6" C900 PVC (DR-25).

5. With regard to the thrust restraint table located on sheet ALT 6, please clarify that this restraint table is applicable only to 6" force main (Alt I & II).

Details on Sheet Alt-6 apply to the forcemain installation only. Restraint for other portions of the project are covered by other details and specifications.

6. With regard to proprietary restrained joint type, specification section 15050, page 7 states that Flex-Ring and Lok-Ring type joints are allowed. American requests that American's Fastgrip restrained joint be allowed on this project.

It is added to the acceptable list.

7. With regard to drawing sheet M-2, it is difficult to determine from the legend and associated color coding which lines are to be ductile iron, PVC and galvanized. Could material labels or a clarification be issued as to what material is required for individual lines?

Attached to this addendum is a color print of page M-2 for clarification of the types of piping included in the yard piping.

8. Where is the break point for Alt #1 versus Alt #2- assuming it will be at the 6" GV- please verify?

The break point between Alternate Bid Item G and Alternate Bid Item H is the 6" Gate Valve prior to the bore under I-75. The 6" Gate Valve should be included in the Alternate Bid Item G.

9. Does the owner really want granite for stabilization? There are several different ways to get stabilized road without the high cost of granite, especially since most of it is going to be covered by topsoil & grass. If they still want stone, will #57 limestone be acceptable instead of the granite.

For the portion of the access roadway to be topped with sod, No. 57 Limestone will be acceptable. For the portions of the access roadway to be exposed gravel, granitic gravel will be required.

10. In the Spec's on page 340 section 02220-C Grouting, it states that there are 27 total drill points at an estimated depth of 25' to 35'. While reading the specs, it states that there is 10,395 LF of drilling in the bid docs. I believe this number has been over estimated and should be around 1,000 LF.

Injection Grouting and Specification Section 02220-C have been deleted from the contract documents and contract requirements.

11. Is there a grout injection point layout plan available?

Injection Grouting and Specification Section 02220-C have been deleted from the contract documents and contract requirements.

12. On page 6 of section 02220-C, line 5 asks for “Grout ordered by flat pumped”. What is this asking for?

Injection Grouting and Specification Section 02220-C have been deleted from the contract documents and contract requirements.

13. Section 3.1.4 states that rotary wash drilling method “is not permitted on the project”. Is this accurate for this particular project? If so, is there any way that it can be approved?

Injection Grouting and Specification Section 02220-C have been deleted from the contract documents and contract requirements.

14. The schedule of Base Bid Manufacturers / Suppliers states that specification information pertaining to the Effluent Submersible Pumps can be found in spec section 11305, but it seems that spec section 11305 is applicable to the Horizontal Non-Clog Screw Centrifugal Pumps. Please clarify.

The Base Bid Manufacturers / Suppliers list in the Bid Form (Section 00300) has been revised. The reference to “Effluent Submersible Pumps” has been deleted and replaced with “Effluent Horizontal Split Case Pumps”, which is covered under Specification Section 11304.

15. The schedule of Base Bid Manufacturers / Suppliers states that specification information pertaining to the Horizontal Non – Clog Screw Centrifugal pumps can be found in spec section 11312, however no such spec section is a part of the bidding documents.

The Base Bid Manufacturers / Suppliers list in the Bid Form (Section 00300) has been revised. The reference Specification for “Horizontal Non-Clog Screw Centrifugal Pumps” has been corrected to Section 11305.

16. The bid form (00300-4) states that the total base bid is comprised of the sum of items A through F, Item F is listed as an alternate please confirm that it is alternate and should be excluded from the lump sum of the base bid.

Bid form (00300-4) was revised and was transmitted under Addendum # 9, issued 8/28/09. Due to additional Requests for Information, the Bid Form (00300) has been updated and is being issued as Addendum #15. Please visit www.columbiacountyfla.com/purchasing.asp to download the updated Bid Form.

17. The bid form (00300-4) states that the total base bid is comprised of the sum of items A through F and it excludes item H. Item H consists of the remaining construction items that are necessary to construct the project that are not included in items A to E,

therefore item H should be included in the total base bid amount. Please confirm that item H is part of the lump sum bid and not an alternate.

Bid form (00300-4) was revised and was transmitted under Addendum # 9, issued 8/28/09. Due to additional Requests for Information, the Bid Form (00300) has been updated and is being issued as Addendum #15. Please visit www.columbiacountyfla.com/purchasing.asp to download the updated Bid Form.

18. Please provide specification for metal roofing.

The metal roofing shall be 24 gauge galvanized steel and or galvalume, preformed, standing seam, coated, pre-finished, metal panels.

19. Since it does not look like there will be enough lines on the bid form (Page 00300-1) to fill out the number of addendums that have been issued, can we just write #1 through #13, or whatever the final number of addenda turns out to be by the bid date?

Each addendum needs to be verified individually on the bid form. Additional areas have been provided on the Bid form (00300-4) that is being issued as Addendum #15. Please visit www.columbiacountyfla.com/purchasing.asp to download the updated Bid Form.

20. There are no top and bottom elevations given on plan sheet M-24 for the Wet Well. Can these be provided? Also, elevations need to be provided on Sheets M-11, 17, 18, 19, and 20.

The wet well dimensions were provided under Addendum #11. Elevations for all structures are provided on the structural drawings, not the mechanical drawings.

21. Can the engineer/owner adjust specification 00500/Article 5 to adhere to the Florida Prompt Payment Act?

Section 00500, Article 5, Subsection 5.2 designates that Progress Payments and Retainage will be in Accordance with the Florida Prompt Payment Act.

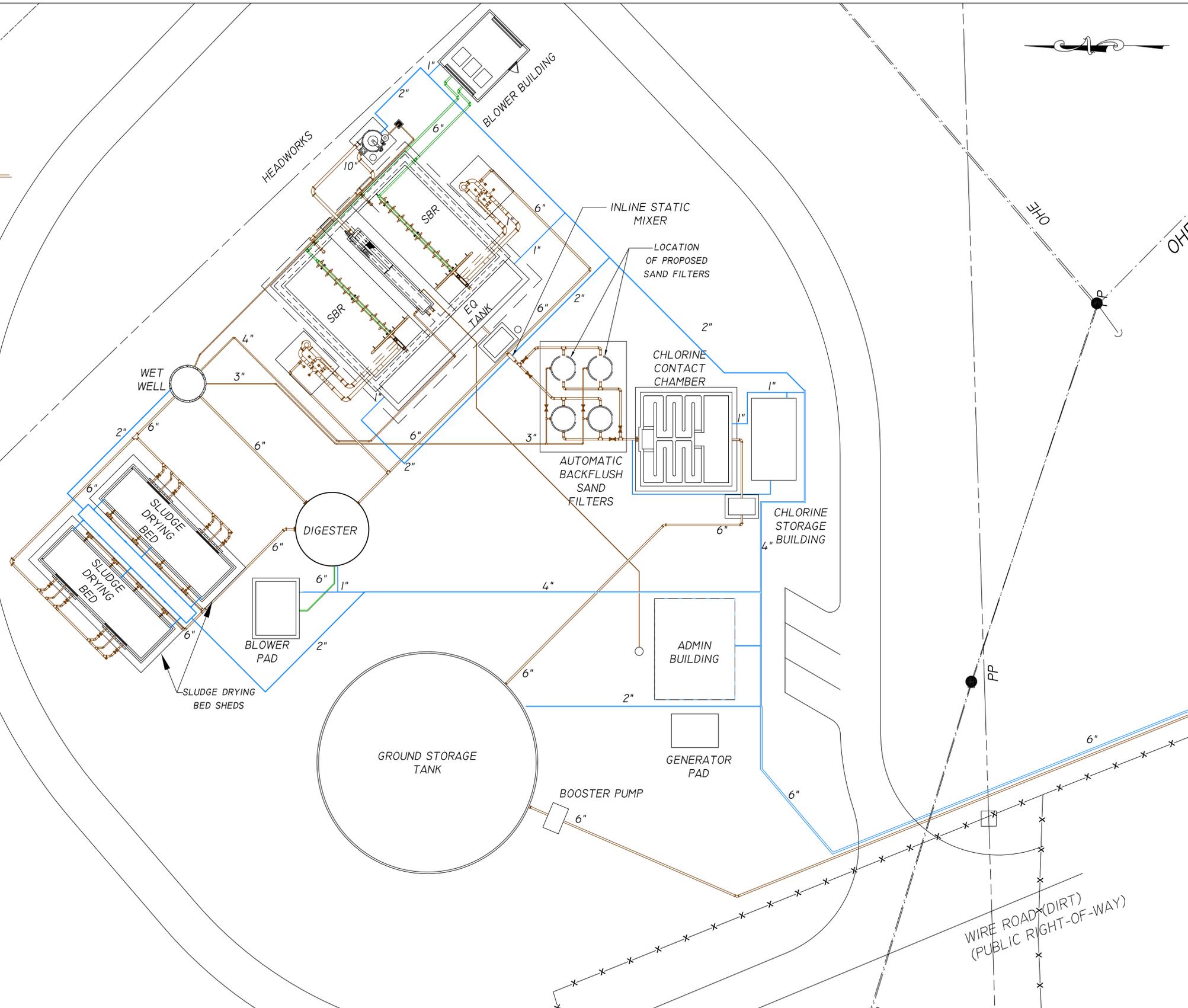
22. As a rule, can the contractor assume all direct bury ductile iron pipe/valves/fittings necessary for this project be mechanical joint? There are some places shown on the drawings where flanges are shown underground.

Yes, mechanical joints can be assumed for direct buried pipe.

LEGEND:

- D.I. WASTEWATER LINE
UNLESS OTHERWISE NOTED
- GALVANIZED AIR LINE
- PVC WATER LINE UNLESS
OTHERWISE NOTED

BM20
78.69



* SEE STRUCTURAL SHEET FOR
FOUNDATION AND BUILDING DETAIL



charris Aug 31, 2009 - 12:29pm S:\Estaw Columbia\5010-007 Wastewater Treatment\Design\Design Drawings\M2-Yard Piping for WWTP - Layout1.dwg

| REVISIONS | DATE |
|-------------------|---------|
| ISSUE FOR BIDDING | 8/10/09 |

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| <p>JIM STIDHAM & ASSOCIATES, INC. HYDROLOGY, GEOLOGY, CIVIL & ENVIRONMENTAL ENGINEERING 1547 N. MONROE ST., SUITE 201, TALLAHASSEE, FLORIDA 32304 TELEPHONE: 904.224.2222 FAX: 904.224.2222 E-MAIL: JIM@STIDHAM.COM PBB# CERTIFICATE OF AUTHORIZATION NO. 00008263</p> | <p>CHEN H. LIN, P.E. No. 43340</p> |
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| <p>SOUTH COLUMBIA COUNTY REGIONAL WASTEWATER TREATMENT PLANT</p> <p>COLUMBIA COUNTY WWTP CONSTRUCTION FOR EUTAW UTILITIES, INC. LAKE CITY, FLORIDA</p> | <p>YARD PIPING FOR WWTP</p> |
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| DATE: 06/04/09 |
| SCALE: AS SHOWN |
| DRAWN BY: AMH |
| CHECKED BY: CHL |
| PRODUCT NO: 5010-007 |
| SHEET M-2 OF 24 |