

October 22, 2009

**BOARD OF COUNTY COMMISSIONERS
POLK COUNTY, FLORIDA**

**ADDENDUM #3
BVP # 10-012-MAR**

**NEW HOLLY HILL WPF AND RECLAIM STORAGE &
REPUMP FACILITY**

This addendum is issued to clarify, add to, revise and/or delete items of the Contract Documents for this work. This Addendum is a part of the Contract Documents and acknowledgment of its receipt shall be noted below and on the Bid Submittal Form.

Questions and Answers received to date. No further questions will be received.

Clarification

Michele Rawlins

Michele Rawlins, CPPB, FCCM, FCPA
Contract Specialist
Purchasing Division

**This Addendum sheet must be signed and faxed to the
Purchasing Division at 863-534-0055.**

Signature: _____

Printed Name: _____

Title: _____

Company: _____

**BVP 10-012-MAR
NEW HOLLY HILL WPF AND RECLAIM STORAGE & REPUMP FACILITY
ADDENDUM #3
(CLARIFICATIONS)**

The substantial completion date for the Reclaim System must be **September 30, 2010**.

BVP 10-012-MAR
NEW HOLLY HILL WPF AND RECLAIM STORAGE & REPUMP FACILITY
ADDENDUM #3
(QUESTIONS & ANSWERS)

Question 1: Addendum No 2, Question/Answer No 9 and 12 states that the Owner of the project, not the General Contractor must complete the surveys for the subcontractors. In most cases the subcontractors do not know who the Owner is, nor does the Owner know them. Can this be changed to the General Contractor completes the surveys for the subcontractors?

Answer 1: No, the owner/client is the Owner of the project.

Question 2: On page 24 of the solicitation package the example spreadsheet and survey questionnaire show the completion date as being the completion date of the project. Addendum No 2, Question/Answer No. 11, states the completion date on the survey is the date the survey is completed, shouldn't it be the completion date of the project?

Answer 2: Yes, it is the completion date of the project, however we will not discard any surveys that have the completion date of the survey.

Question 3: Item 4 of the General Structural Notes indications that pipe supports, pump pads, encasements, and slabs on grade shall have a minimum compressive strength of 3000 PSI. The Installation Schedule in Division 3 states that all structures shall be 4000 psi and that concrete fill, grout fill, thrust blocks, pipe and duct encasements shall be 2500 PSI. Please clarify

Answer 3: Specifications take precedence over the drawings.

Question 4: Please confirm the material required for metal pipe supports is to be galvanized carbon steel.

Answer 4: All metal pipe supports are to be hot dip galvanized after fabrication. See not 20 on M-1.

Question 5: Reclaimed water lines are called out to be ductile iron on the pipe schedule, shown on Drawing M-1. There are no specifications provided for ductile iron pipe. Please provide specifications.

Answer 5: See Addendum #2, Question/Answer No 3. The DIP Standard Specifications can be found at the following link: WWW.POLK-COUNTY.NET/WORKAREA/SHOWCONTENT.ASPZ?ID=10456 ; Section III for Water Mains and Section IV for Reclaimed Water Mains.

Question 6: Drawing C-07 shows a 8" Mag Meter assembly with a bypass. This item references 2/M-17. This detail does not show the same configuration of this meter. Please provide the correct detail for this meter assembly.

Answer 6: On C-07, the reference should be to sheet M-18 for the wells.

Question 7: The pipe schedule on Drawing M-1 calls for drain lines to be PVC. Is it acceptable for the PVC drain shown on C-6 to be SDR35, or is C900 required for this line?

Answer 7: PVC SDR 26 for all drains except under slabs or structures to be DIP. See Schedule on M-1

- Question 8: Please provide a section view of the 20" RW line going into the 1.5 MG PW GSR, shown on drawing M-09.
- Answer 8: This section is similar to section 2/M-05 in the Reclaim Storage and Re-pump set but has a horizontal turn indicated on M-09 with CL of 206.00.
- Question 9: Please clarify the size of the reducer connected to the riser pipe shown in detail 2 on drawing M-17.
- Answer 9: The basic configuration is; Inlet 90 deg bend = 20". Inlet reducer = 20" x 16" (ecc with flat bottom). Outlet 90 deg bend = 16". Outlet vertical reducer = 16" x 20". The design intent is to create a high point or "hump" at the inlet to collect and release air.
- Question 10: Please clarify if an expansion joint or a flexible coupling is shown on drawing C-08, Detail A, next to the 10" Sensus Turbo flow meter.
- Answer 10: The coupling next to the 10" Sensus Turbo flow meter is a 10" Harnessed Flanged Coupling Adapter to allow the assembly and disassembly of the pipe run to install/remove flow meter and or control valve if needed in the future.
- Question 11: Please provide a flow diagram.
- Answer 11: The yard piping drawings clearly indicated the type of pipe, the type of service and the direction of flow.
- Question 12: Bid Proposal Form Attachment B is not supported by a Measurement and Payment Narrative, leaving cost distribution to the discretion of the Bidder. Many items are not identified. Please advise if you plan to revisit the Attachment B Breakdown.
- Answer 12: Attachment B Breakdown will not be revisited. Cost Distribution will be addressed with the contractor awarded the contract, when establishing the Schedule of Values.
- Question 13: Spec. 02080-2 Items 2, 3 are noted as "Add Alternate A". Please clarify.
- Answer 13: Delete Table 02080-A. All salvaged items are indicated on Drawing C-03 at the top of the sheet.
- Question 14: Please clarify the following: 16050, part 2, 2.01-D; 16110, part 1, 1.01-B; 16130, part 1, 1.01-B; 16130, part 2, 2.01-A. This pattern seems to run through all sections were the specifications contain detail. Simply: is this a non metallic electrical system? Do we substitute rigid aluminum were rigid galvanized is called out; 16402, part 3.01, I ?
- Answer 14: Electrical conduits
The complete raceway system above grade shall be Schedule 80 PVC non-metallic conduit and fittings, except for raceway systems for shielded instrumentation wiring, data, telephone and VFD motor leads. The complete raceway system below grade shall be Schedule 40 PVC non-metallic conduit and fittings, except for raceway systems for shielded instrumentation wiring, data, telephone and VFD motor leads. Raceway systems for process shielded instrumentation wiring, digital data lines, telephone and motor feeders between variable frequency drives and the motor terminal housings shall be rigid aluminum.

Question 15: Drawing M-05 indicates a shade netting product around the pre-engineered shade structure, no reference is made as to what type is required.

Answer 15: Shade Fabric

Polyethylene knitted shade fabric: High density monofilament

Attachment: 1/4" diameter galvanized cables factory inserted into hems with zinc plated copper cable fasteners

UV stabilized: UV Block factor greater than 90%

Hems and Seams: Double row back stitched using UV stabilized exterior polyethylene thread

Fame retardant: meets NFPA 701 Test Method 2 Standards

Color: Standard colors - selection by Owner

Question 16: Will there be any electrical fees that are the responsibility of the contractor, other than the basic electrical permit cost incurred by the contractor for construction of the project?

Answer 16: Polk County Utilities will reimburse for appropriate fees.

Question 17: Will the owner supply water for construction and fill testing of the Ground Storage Tanks?

Answer 17: Contractor will need to apply for a meter for construction and fill purposes and the Contractor will pay for meter.

Question 18: Where can the new well test water be discharged?

Answer 18: Contractor should plan on discharging to on site storm drainage system, which require will require construct a portion of the storm water management system.

Question 19: How far away from the Jack Berry WTP are the 2 facilities that the contractor is required to take the salvaged materials listed on drawing sheet #C-03 of the WPF drawings?

Answer 19: Approximately 1.25 miles

Question 20: How far away from the proposed WTP is the PCU Northeast Regional WWTF where the owner has stored extra fill dirt?

Answer 20: Approximately 7.5 miles

Question 21: Plant drawing M18 shows a typical 16" discharge. Drawing C06 shows HHFUA #2 as a 12' water main, and HHUA #1 as a 16" PW line. Please confirm the need for 16" discharge at HHFUA #2.

Answer 21: Call-out on C-06 for HHFUA#1 refers to M-18 which shows a 16" discharge – this is correct for HHFUA#1.

Question 22: The specification 13122 modular structures are shown with an inside height of twelve feet. Please advise if an eleven foot height will be acceptable, due to roadway shipping height restrictions.

Answer 22: The inside height of the pre-cast building can be reduced from 12 ft to 11 ft.

Question 23: Specification 13421 refers to 1" and 8" well propeller meters. Drawings M17 Detail2 shows one 16" propeller meter along side 16" MAG meter FM-2. None shown above, please clarify. Drawing M18 shows two 8" propeller meters along

side 8" MAG meters FM-2,3. (Noted) Drawing 19 shows one 10" propeller meter along side 10" MAG meter FM-6 (Noted)

Answer: 23 Polk County Utilities requires a propeller meter by-pass for all MAG meters having same line size as the MAG meter.

Question 24: Drawing C08 shows 10" sensus turbo flow meters w/strainer. Plant P&ID I-02 shows these instruments are not provided by instrumentation. We find no product specification, please clarify. Please note the specification 13615 tag schedule does not match the P&ID tag numbers for these items.

Answer 24: No other data is available other than the manufacturer indicated on the Drawings.

Question 25: The schedule calls for Lead/Lag T.Stat Controllers. This appears erroneous.

Answer 25: Delete reference to lead/lag controller. There is only one ac unit per building.

Question 26: There is no specification for duct insulation. The desired product would be liner if any is required. Please clarify.

Answer 26: Duct work should be sheet metal and insulated. As stated on Sht V-01, Note 1. "All work shall comply with NFPA, Florida Building Code, Mechanical Codes, Energy Code and all local ordinances."

Question 27: Is it allowable for a company to request the survey from a past client, as the GC, and then request the same survey from the same client as a response for our site superintendent: Project Manager:

Answer: Yes