

October 27, 2009

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

**ADDENDUM #6
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 & Answers (See Attached)

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 #6

(QUESTIONS & ANSWERS)

Question 1: Drawing C-10 shows minor grading improvements to the access road up to the Sand Mine Road Tie in. It is unclear if that road is to be paved (it appears there is a stop bar) can you confirm this road is to be paved? Will the same detail on page C-16 (Detail 2) apply in this case?

Answer 1: Yes, access road is continuation of road in plant site-both are to be paved. Yes, Detail 2 on C-16 applies with the only exception of the grading near Sand Mine Road.

Question 2: Where can we get water for construction?

Answer 2: The successful contractor will coordinate with Utilities Lead Development Coordinator to install a temporary construction water meter.

Question 3: If construction water is furnished by the Owner, will there be a charge? If yes, please tell us how to compute the cost.

Answer 3: There will be a charge for water. Monthly Base is \$60.72 per month, 0-80,000 gal at \$1.91/1000 gal; 80,001 gal – 160,000 gal at \$3.81/1000 gal; 160,001 – 320,000 gal at \$7.63/1000 gal; 310,001 and above at \$13.36/1000 gal; plus a 10% Utility tax.

Question 4: Does the landscape buffer extend south from the plant site along each side of the access road to Sand Mine Road?

Answer 4: No

Question 5: Both sets of drawings show some storm drainage on the northwest corner of the site. Neither set of drawings indicates any size of pipe or inverts.

Answer 5: Use grading plan to establish inverts.

Question 6: On the bid form for the reuse portion, Bid Item Nos. 6 and 7 are for Sodium Hypochlorite System and for Corrosion Control System. Are these systems in this section?

Answer 6: The Reclaim Storage and Re-pump portion does not include a Sodium Hypochlorite System nor a Corrosion Control System.

Question 7: Downcomer Piping on Sheets M-09, M-13. Details are confusing. Are there 2 downcomer pipes? Please clarify detail and descriptions. There are typically 3 downcomer openings in the dome with 6400 gpm aerator. Per table, 20 " openings are shown. Please clarify and confirm scope.

Answer 7: See detail 1/M-13-(4) 24" downcomers are required.

Question 8: Manhole Detail: Old detail, this type of manhole is not available.

Answer 8: See attached drawing.

Question 9: Specifications – Interior Paint – In regards to the interior paint, please specify or confirm. Typically, tanks with aerators have interior underside of dome and 3 feet upper wall only. Non-aerator tanks or reclaimed tanks do not require interior coatings. The coating should be specified as Tnemec Series N-140.

Answer 9: The specifications listed in question #9 are correct for interior paint.

Question 10: Specifications-Vents – Two vents are typical of aerator tanks only and not reclaimed tanks. Please see drawings or confirm our suggestion.

Standard vents for tank with aerators – two offset 25” vents

Standard vents for ground storage tank without aerators – one 50” center vent

Answer 10: M-10 for PWF and M-5 for reclaim show what is indicated.

Question 11: Material for Exterior Stairs – Please specify or confirm 100% of staircase is to be aluminum; same as handrail.

Answer 11: Exterior staircase for each tank shall be 100% aluminum.

Question 12: Dome Precast Steel – Asking for .3% - not used. Typical and will be provided is .25%. Please confirm .25%.

Answer 12: .25% is acceptable.

Question 13: Exterior Paint – Please replace exterior paint system by deleting 3 coat system of Thoroseal and 2 coats of Porter 520 (house paint) and replace with Polk County and Crom standard paint system, 2 coats of Tnemec Series 156 Enviro-Crete paint system. (Reference NW, SW, NE Plants, New tanks = 44.0-MG worth of storage, 10 tanks built within the last 4 years, all with paint color DESERT SANDS Series 156 by Crom).

Answer 13: Replace exterior paint system with Polk County and Crom standard stated in question #13.

Question 14: Please confirm that baffling in 1.5-MG potable water tank is accurate as specified.

Answer 14: Yes, baffling is correctly shown.

Question 15: Is temporary water and electric available onsite for construction?

Answer 15: Yes, the successful contractor will coordinate with Utilities Lead Development Coordinator to install a temporary construction water meter. The successful contractor will coordinate the construction power with Progress Energy, Polk County does not provide power meters.

Question 16: On the bid form you mention the operations building, but we don't see anything like that on the plans? On the plans is it named something different?

Answer 16: There is no operations building.

Question 17: On the 3 wells drilled by others, is the contractor going to supply the pumps and motors for the wells?

Answer 17: Yes, the successful Contractor for this solicitation will supply and install the pumps, motors and controls.

Question 18: Specification 13421 refers to 10” and 8” well propeller meters. Drawing M17 detail2 shows one 16” propeller meter along side 16” MAG meter FM-2..None shown – please clarify. Drawing M18 shows two 8” propeller meters along side 8”

MAG meters FM-2,3. (Noted). Drawing M19 shows one 10" Propeller meter along side 10" MAG meter FM-6. (Noted)

Answer 18: See Addendum #3, Questions and Answers items #23 and #24.

Question 19: Drawing CO8 shows 10" sensus turbo flow meters w/strainer. Plant P&ID I-01 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 19: See Addendum #3, Questions and Answers items #23 and #24.

Question 20: The schedule calls for lead/lag T.Stat controllers. This appears erroneous

Answer 20: See Addendum #3, Question/Answer #25.

Question 21: There is no specification for duct insulation. The desired product would be liner if any is required. Please clarify.

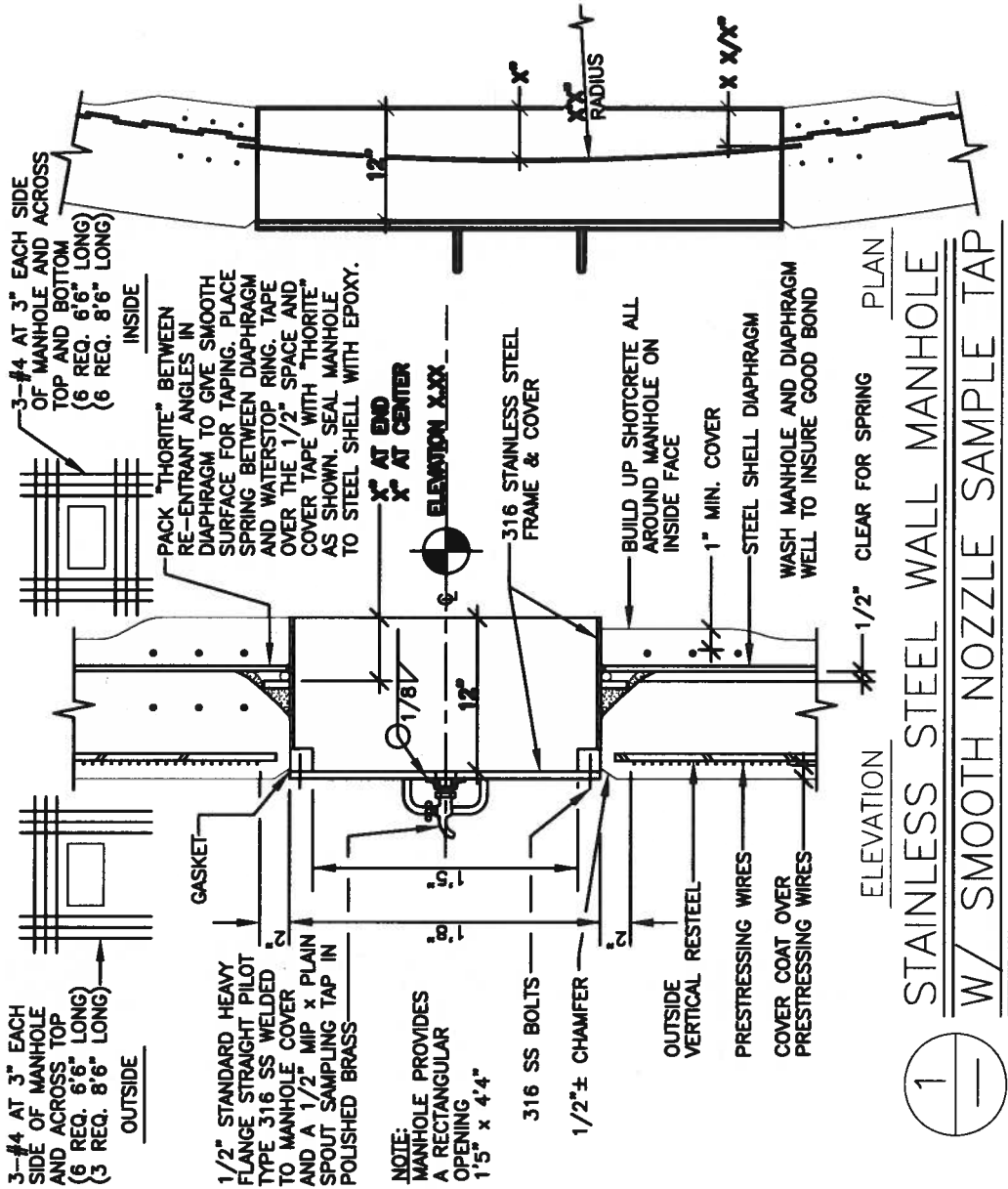
Answer 21: See Addendum #3, Question/Answer #26.

Question 22: Exhaust Fan: Wall mounted 300 scfm with weatherhood. Where does the fan go. No schedule is shown on H plans.

Answer 22: AS the Specification table indicates, the pre-cast Chem building has power ventilation and the fans are clearly shown on the Drawings for the Chem building (one in each room.)

Question 23: In addendum #2, answers to questions #9 and #12, reiterate the fact that PPI forms, particularly for the electrical subcontractors, must be completed by the owner of the project and not the general contractor or engineer of record. Realistically, this request is infeasible, due to the fact that electrical subcontractors do not contract directly with owners and have minimal to no direct interaction with the owner. Furthermore, it is highly unlikely that the owner would remember any individual electrical subcontractor's project manager, in order to precisely and accurately process an evaluation of company or individual past performances in a timely manner. With all due respect, this is a tall task to receive (10 ea) responsive PPI forms for the electrical firm and (5 ea) PPI forms for the electrical project manager by the deadline for PPI submission. As previously stated in questions from addendum #2, the best solution that will comply with your requirement for past references, is to allow previous clients (general contractors) and engineers to participate in subcontractor evaluations. Please reevaluate this criterion.

Answer 23: We will allow PPI forms to be filled out by the engineer of record, or other owner's representative. This includes the owner's design representative. A contractor or subcontractor is not required to get 10 references. The minimum required is 1 reference. If the subcontractor project manager past performance is requested, the subcontractor needs to get projects that the project manager was running. It does not mean that the owner has to remember the PM. It is the project results that the PM was on. As identified above, engineers of record or other professional representatives of the client can participate in evaluations. Also remember that only one reference is required.



1 STAINLESS STEEL WALL MANHOLE
W/ SMOOTH NOZZLE SAMPLE TAP