

MEMORANDUM



To: All Interested Bidders

Date: February 22, 2017

Subject: IFB 16-30950V, North Water Reclamation Facility
Equalization Tanks, 8500 69th Street East, Palmetto, FL
34221, Manatee County (Project No. 6088490)

ADDENDUM #6

Bidders are hereby notified that this Addendum shall be acknowledged on Bid Form page 1 and made a part of the above named bidding and contract documents. Bids submitted without Acknowledgement of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding document, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this bid has expired. NO ADDITIONAL QUESTIONS SHALL BE CONSIDERED. This deadline has been established to maintain fair treatment for all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

1. The following Technical Specifications have been revised: (41 pdf pages attached)

1. Section 01150, Measurement and Payment. (10 pdf pages attached)
 - a. **Update Bid Item #5, 1.0 MG Equalization Tanks**
 - b. **Updated to remove Bid Item #18**
 - c. **Updated to include a Manatee County Building Permit Allowance of \$10,000**
2. Section 02615, Ductile Iron Pipe and Fittings (4 pdf pages attached)
 - a. **Updated to include Section 2.01(G)**
3. Section 11560, Compressed Gas Mixing System (16 pdf pages attached)
 - a. **Section 2.05(D) was updated, refer to Response 24.**
4. Section 13100, Glass Fused to Steel Tank (10 pdf pages attached)
 - a. **Section 1.1(A) was updated to include walkways, stairways, platforms, and supports.**

2. The following Plan Sheets have been revised: (16 pdf pages attached)

1. Proposed Improvements View, Sheet G-4, dated 1/5/2017
 - a. **Updated to illustrate shift in the EQ Pump base.**
2. Construction Phasing Plan, Sheet G-5, dated 1/5/2017
 - a. **Updated to illustrate the Plant Drain FM to be included s Phase I Construction**
3. Dimensional Control Plan, Sheet C-1 dated 1/5/2017
 - a. **Revised FFE of the EQ Tanks to 27.0-ft**
4. Site Piping Plan, Sheet C-2 dated 1/9/2017

Financial Management
Procurement Division
1112 Manatee Ave W Suite 803, Bradenton, FL 34205
Phone number: (941)749-3014

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- a. Revised Receiver Tanks and VCP layout*
 - b. Revised EQ Tank Pump base*
- 5. Site Piping Layout Plan, Sheet C-3 dated 1/9/2017
 - a. Revised Receiver Tanks and VCP layout*
 - b. Revised EQ Tank Pump base*
- 6. Yard Piping Sections, Sheet C-5, dated 1/5/2017
 - a. Updated SWH to 52.25-ft*
- 7. Equalization Tank Plan & Elevation, Sheet M-1, dated 1/10/2017
 - a. Revised Receiver Tanks and VCP layout*
- 8. Air Mixing Pipe Section, Sheet M-2 dated 1/9/2017
 - a. Revised Receiver Tanks and VCP layout*
- 9. Equalization Tank Details, Sheet M-3 dated 1/9/2017
 - a. Revised Note 14 to demonstrate a soil bearing pressure of 1,825 pdf*
- 10. Equalization Tank Details, Sheet M-4, dated 1/5/2017
 - a. Revised tank height to 25.25-ft*
- 11. Structural Notes, Sheet S-1 dated 1/9/2017
 - a. Revised Note (E) to demonstrate a soil bearing pressure of 1,825 pdf*
- 12. Proposed Equalization Tanks, Site Plan, Sheet E-0.4 dated 1/9/2017
 - a. Updated to illustrate shift in EQ Pump base*
- 13. Proposed Equalization Tank Grounding Plan, Sheet E-0.5 dated 1/9/2017
 - a. Updated to illustrate revised configuration of receiver tank and VCP*
- 14. Proposed Return Pump Pad Plan, Sheet E-0.6, dated 1/9/2017
 - a. Updated to illustrate shift in EQ Pump base*
- 15. Equalization Tanks Walkway Electrical Plan, Sheet E-4.1, dated 1/9/2017
 - a. Updated to illustrate revised configuration of receiver tank and VCP*
- 16. Equalization Tanks Walkway Lightning Protection Plan, Sheet E-4.2 dated 1/9/2017
 - a. Updated to illustrate revised configuration of receiver tank and VCP*

3. BID FORMS (Bid "A" and Bid "B" (5 pdf pages))

Bid Forms have been revised as follows: Bid "A" (390 Calendar Days) and Bid "B" (510 Calendar Days) Original Bid Item No.18, Fittings has been removed as it has been accounted for in Bid Item No. 11, Site Piping. **Bid Item No. 18 now reads: 1 EA - 16-Inch Meter Assembly, Bid Item No. 23, Miscellaneous Concrete, quantity has been revised from 300 CY to 100 CY. Bid Item No. 28, Contract Contingency, has been revised to Permit Allowance of \$10,000.00.** Contractor shall include this allowance in his bid. Revised Measurement and Payment Section 01150 is made a part of this Addendum #6. **Bid Item No. 29 now reads Contract Contingency.**

4. Below responses are a result of inquiries, interpretation, clarification pertaining to this project which were received at the Information Conference held on December 1, 2016 and questions received through January 5, 2017.

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Q1. Requesting approval of PERMASTORE tanks to be considered as an "or equal" tank supplier.

R1. After review of the tank installations provided, the tank manufacturer (PERMASTORE) does not meet the criteria of Section 13100 Glass Fused to Steel Tank, Article 1.3 (E) and 1.3 (G),

Q2. Neither Bid Form lists a Prestressed/Strand Wrapped Concrete Equalization tank. Please confirm and provide line items in the bid form to include the prestressed/strand wrapped concrete tank design per AWWA D110-04 as an equal to the glass fused to steel tanks as provided in the project documents. Standard CROM – AWWA D110 tank will be provided. We also recommend a life cycle analysis be performed to compare products and longevity to minimize long term owner maintenance cost exposures.

R2. The basis of design was based on glass-fused steel tanks; therefore, prestressed concrete tanks will not be considered for this project.

Q3. The Geotechnical investigation, pages 2 and 7, provide a maximum soil bearing pressure from the tanks on foundations will be no greater than 1,825 psf. Specification 13100-3, Section 1.4E d, provides an allowable soil bearing capacity of 2,500 psf. Drawings M-3 and S-1, provide a minimum soil bearing pressure of 2,500 psf based on the soils report. Please confirm that a minimum soil bearing pressure of 2,500 psf shall be used for the equalization tanks.

R3. The plans have been revised to reflect a soil bearing pressure of 1,825 lbs/sf.

Q4. The Geotechnical Investigation, page 6, reports that groundwater was generally recorded at 7 to 7 ½ feet below existing ground surface. A 100-year flood elevation was not provided. Please provide the 100-year flood elevation for the project site.

R4. A 100-yr flood elevation is not available.

Q5. The Geotechnical investigation did not provide the K-value (lateral equivalent soil pressure including active, at rest and passive). Please provide this information for backfill required around the tank structures.

R5. For backfill around the tanks, use the following:

Active Earth Pressure Coef.,

Ka = 0.33

Passive Earth Pressure Coef., **Kp = 3.0**

At Rest Earth Pressure Coef., **Ko = 0.5**

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The above values assume that the backfill is lightly to moderately compacted, yet not over-compacted.

Q6. The Geotechnical investigation did not mention sinkhole activity, perched water or liquefaction. Please confirm that the project site has a "low" probability of having these features.

R6. Liquefaction is not considered a significant risk, since Florida is not considered to be a state subject to significant earthquakes. The USGS Seismic Hazard Map for Florida (<http://earthquake.usgs.gov/earthquakes/states/florida/hazards.php>) indicates Manatee County to be located in an area of very low seismic risk, where there is only a 2% change that an earthquake having ground motion greater than 0.4 g (where "g" is the acceleration of gravity) will occur during a 50-year period. A 0.04 g earthquake is a very minor or "micro" earthquake.

The Florida Bureau of Geology "Sinkhole Type, Development and Distribution in Florida" (Map Series 110) indicated Manatee County to be located in an area where the cover over the carbonate rock is more than 200 feet thick and consists of cohesive sediments interlayered with discontinuous carbonate beds. The geologic/hydrogeologic conditions are generally not favorable for sinkhole formation and the cohesive sediments restrict groundwater flow between the surficial aquifer and the underlying carbonate rock. Sinkholes are very few and the risk of formation of new sinkholes is considered to be low.

The natural groundwater table levels are very shallow during the wet season, usually within a few feet below the ground surface. For this reason, it would not be overly conservative to assume the groundwater table may rise to the ground surface, which is feasible following very large storm events. This makes moot the possibility of a perched water table.

Q7. Specification 13100-3, Section 1.4 B, provides a nominal diameter of 86.72 feet with a nominal sidewall height of 25.25 feet. With 12" freeboard, the usable volume is 1,071,000 gallons. Specification 01150-4, Section 1.07, Bid Item No. 5 Glass Fused Steel Equalization Tanks, provides a nominal diameter of 86.72 feet and a sidewall height of 23.84 feet. Drawings C-5 and M-1, show a finish floor elevation of 27.00 and top of wall elevation of 51.84 for a difference of 24.84 feet for a sidewall height. Drawing M-4, Detail 2, shows a sidewall height of 24.89 feet. Please confirm that a nominal diameter of 86.72 feet with a nominal sidewall height of 25.25 feet is required to achieve the volume and freeboard required per Specification 13100.

R7. Plans and specifications have been revised to demonstrate a nominal diameter of 86.72, a sidewall height of 25.25 feet, and a usable volume of 1,071,000 with 12" freeboard.

Q8. Specification 09900-17, Section 3.18D, provides different interior coating systems for Immersion (Potable and Non-Potable). Section 3.26, provides a coating system for surfaces exposed to H₂S/H₂SO₄

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(Severe Exposure/Immersion). Please confirm which coating system is required for the interior concrete wall surface of the equalization tanks. We do not require coatings and we do not recommend coatings on the floor of the tank.

R8. The basis of design was based on glass-fused steel tanks; therefore, prestressed concrete tanks will not be considered for this project.

Q9. Specification 16450 provides information for grounding. Specification 16670 provides information for lightning protection. Drawing sheet E-0.5 provides information regarding grounding and bonding to tank steel shell and foundation rebar. Bonding to any concrete encased tank steel is not recommended and shall not be allowed per the tank manufacturer. All bonding shall be done by using air terminals on the top of the tank wall and/or aluminum platform /walkway with PVC conduit adhered to the exterior tank wall.

Electrical grounding to the reinforcing of a prestressed concrete tank is prohibited by AWWA D110-13 per Section 5.16. Items requiring grounding, such as lightning protection, are required to be a separate system with its own ground connections. Excerpts of the referenced sections are provided below.

- AWWA D110-13, Sec. 5.16 - Electrical grounding to non-pre-stressed reinforcing steel or prestressed reinforcement for any equipment or electrical service shall be strictly prohibited.
- AWWA D110-13, Sec. 5.17 - Lightning protection, if required, shall be a separate system with its own ground connections.

R9. The basis of design was based on glass-fused steel tanks; therefore, prestressed concrete tanks will not be considered for this project.

Q10. Drawing C-1, shows FFE 27.50 Equalization tanks. Drawing C-5, Section 6, shows FFE of 27.00 for the Equalization tanks. Drawing C-7, shows FFE 27.00 for the tanks. Please confirm that the FFE shall be 27.00.

R10. The FFE shall be 27.00. Sheet C-1 has been revised and is made a part of Addendum No. 6.

Q11. Please confirm that this project is not subject to "Buy American" requirements.

R11. Although this project is not subject to the Federal requirements of "Buy America", Section 13100, Glass Fused to Steel Tank, Tanks must be from a U.S. Manufacturer.

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Q12. Please confirm Davis-Bacon prevailing wages are not required.

R12. There are no Davis-Bacon prevailing wage requirements.

Q13. Specification 03350-1, Section 1.03 B2, requires interior exposed concrete slabs to have a steel trowel finish. Typical finish for tank floors is a soft broom finish. Please confirm if a soft broom finish is acceptable for the tank floors.

R13. Yes, a soft broom finish is acceptable.

Q14. Invitation for Bid, Section A-30 (page A-11) provides information for MBE/DBE firms. Please confirm what parameters are required for MBE/DBE.

R14. There are no requirements for MBE / DBE for this project.

Q15. Reference 13100.1.3.G – Has any other tank manufactures pre-qualified and been approved to submit prices on this project?

R15. No additional glass-fused steel tank manufactures have been pre-qualified and approved.

Q16. Can you provide a spec on the flange expansion joints on the pumps suction and discharge?

R16. See revised Spec Section 02615, Ductile Iron Pipe and Fittings which is made a part of this Addendum No. 5.

Q17. Bid Item No. 11 and No. 18 appear to contradict. Can we use Bid No. 11 for all pipe and fittings and exclude Bid Item No 18?

R17. Bid Item No. 18 Fittings has been removed, as this should be included as part of Bid No. 11. A revised Measurement and Payment Section and Bid Forms (Bid "A" and Bid "B") are made a part of this Addendum No 6.

Q18. Plasti-Fab has reviewed Specification Section 11295, Coplastix Sluice Gates, and would like to be considered as a named supplier.

R18. After review of the literature provided by Trippensee and Company, Inc., Plasti-Fab has been approved as an equal for the Copla Stix Sluice Gates, reference Specification Section 11295.

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Q19. We would like to respectfully request to be added as an approved equal with our Grundfos Submersible pump. I have attached two (2) different pumps for your consideration. Both pumps have 8" suction and discharge, with a 4" solid's passageway. One pump is 21 HP and the other is 27 HP. The 21 HP pump meets all the points before the design points and after the design point it is slightly lower in head from the operating points. The 27 HP pump will over perform at every point on the curve.

R19. After review of the literature provided, the products submitted do not meet the maximum horsepower requirements of the specifications and therefore, are non-compliant and are not approved as an "or equal".

Q20. Pulsair Systems would like to know how we can get approved and a 'pre-approved equal' for this large bubble / compressed air mixing system in the equalization tank(s).

R20 Alternate equipment mixing systems should provide the information listed in Specification 11560, Section 1.05, 14 & 15.

Q21. Are all the PLC and micro-processors for this job have to be Allen-Bradley?

R21. In order to remain consistent with other PLC's onsite, all PLC's associated with this project shall be required to be Allen Bradley.

Q22. **Specification Section 11560. Paragraph 2.03 B.**

"Valve Panel (VP) Enclosures: VPs...If located outside panel shall be provided with an aluminum sunshield on the sides and top. Top portion shall be sized to extend over the front of the panel by a minimum of 30-inches. If necessary, a filtered air vent with forced ventilation shall be provided in order to reduce internal panel temperatures."

Due to the panel location on the walkway, there could be a personal hazard with the 30-inch projection of the sunshield out away from the front of the panel and into the walking area. We therefore propose additional shielding to reduce internal panel temperature. It is proposed that this requirement be changed to add additional sunshields on the sides, top, back and front of the panel in lieu of extending 30-inches over the top of the panel. The specification can be changed to the following:

"Valve Panel (VP) Enclosures: VPs...If located outside panel shall be provided with an aluminum sunshield on the sides, back, front and top. If necessary, a filtered air vent with forced ventilation shall be provided in order to reduce internal panel temperatures."

R22. The sunshield shall remain as stated in the specifications. The Valve Control Panel and the Receiver Tanks have been switched, moving the valve Control Panel out of the walking area. Please refer to revised sheets C-2, C-3, M-1, and M-2 which are made a part of Addendum No. 6.

Q23. Specification Section 11560, Paragraph 2.04 E.

“Valve Failure Alarms: The ACV shall come equipped with a position sensor. The controller shall provide Valve Fail to Open and Valve Fail to Close alarms based on the ACV position.”

It has been found that the position sensor on the ACV can be a source of nuisance alarms and not reliably determine valve position. It is therefore recommended that this requirement be deleted from the specification. In lieu of a position sensor to determine valve failure, the pressure transducer plumbed to the valve manifold as described in paragraph 2.04 D. will provide the necessary valve fail to open and valve fail to close alarms. Therefore it is recommended that the paragraph be changed to the following: “Valve Failure Alarms: The controller shall interpret the pressures transmitted by the pressure transducer to provide Valve Fail to Open and Valve Fail to Close alarms.”

R23. The County prefers to leave the position sensor as originally designed.

Q24. Specification Section 11560, Paragraph 2.05 D. 4.

“Each receiver shall be provided with a self-contained NEMA 4X automatic, gear-motor-operated ball drain valve with a 115V 60 Hz grounded power cord. Autodrain shall include a programmable solid state timer. The ball valve shall be provided with glass reinforced seals and stainless steel ball and stem.”

While the specified autodrain is outdoor rated, it has been found that an alternative autodrain is better suited for the environment, less susceptible to clogging via a larger port and more easily adjusted from the MCP Operator Interface Terminal (OIT). It is therefore proposed that specified autodrains with integral timers and 120VAC power supplies be replaced with electrically-actuated (24VDC) stainless steel ball valves. Four conductors routed from the adjacent VP will provide power and control. The open/close timer and frequency would be controlled out of the adjacent VP and conveniently adjusted at the MCP OIT. The proposed actuator is NEMA 7D ignition safe and NEMA 6P waterproof (submersible). Suggested specification verbiage is as follows:

“Each receiver shall be provided with a 24 VDC motor-operated ½” FNPT stainless steel ball valve powered and controlled out of the adjacent VP.”

R24. Specification 11560, Compressed Gas Mixing System, Section 2.05D has been revised and is made a part of this Addendum #6.

Q25. Please confirm that that this project does not have any MBE/DBE/WBE/SBE requirements though it is referenced in A-30 of the IFB.

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R25. There are no requirements for any MBE/DBE/WBE/SBE requirements for this project.

Q26. Please confirm that this project does not have a Buy America Clause for steel or piping.

R26. This project does not have any Buy America Clause for steel or piping requirements.

Q27. The liquidated damages of \$3,770 per calendar appears to be high for a project of this size. Please confirm this is correct and what cost are included in this amount.

R27. County liquidated damages are set based on estimated contract amount and remain at \$3,770.00 per calendar day.

Q28. Has a hazardous materials survey been performed on this existing facilities that are to be demolished and removed from the project? If so, is the information available to the bidders?

R28. A hazardous materials survey has not been performed.

Q29. If hazardous material is found on the project, will it be handled as a differing site condition and a change order issued from the contingency funds?

R29. Yes, this would be considered a change and involve a change order or contingency depending on dollar amount.

Q30. Has an estimate of the building department permit fees been made and is this information available for this project.

R30. Bid Item No. 28, Permit Allowance has been added to the Bid Form for the Manatee County Building Permit. Section 01150 has been revised accordingly.

Q31. Will reclaimed water be made available for testing of the tanks and piping at no cost to the contractor?

R31. Yes, reclaimed water will be supplied free to the contractor for testing purposes.

Q32. Please verify that all of the manufacturer's warranties are required to match the 3 year Contractor's warranty beginning on acceptance by the Owner. Does acceptance by the Owner mean beneficial use of the facilities, substantial completion date or final completion date for the project?

R32. All warranties shall be a minimum of three (3) years unless greater provided by the supplier. Warranty starts upon substantial completion which is generally done upon beneficial use of completed project less punch out and as-built drawings per the contract definition of substantial completion.

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Q33. In order to properly size the by-pass pumping requirements of the head-works for gate installation work, please provide the anticipated minimum, average and peak flow volumes necessary to configure a system to function properly during each of these conditions as we do not have a Lift Station pump size to increase to handle 150% of capacity as required by Specification Section 02720.

R33. The minimum flow is approximately 2.0 MGD, average flow is approximately 4.0 MGD, and a peak flow of approximately 11 MGD.

Q34. Will replacement or repair of any concrete or reworking areas with coatings at the head-works be required? If so, please identify the quantity and type or provide a unit cost for the concrete by volume or area for the coatings.

R34. There is no anticipated concrete repair or replacement, including coatings. However, if the contractor damages any concrete as part of their work, the contractor shall be responsible to repair or replace the concrete as necessary at his own expense.

Q35. Please confirm which phase of demolition the existing 16" DIP Plant Force Main is to be removed as it impacts which phase of construction the Equalization Tanks construction can begin.

R35. The demolition of the existing 16" DIP Plant Force Main should take place in Phase 2 to maintain service throughout construction. The intent of the proposed phasing plan is to construct the new 16" Plant Force Main, test and prepare to switch over. When the contractor is ready to demolish the existing Plant Force Main, the contractor shall coordinate with County staff to shut down the Plant Force Main and make the connections, switching service over to the proposed Plant Force Main. Sheet G-5 has been revised to add a note under key note 7 to remove existing piping as necessary for connection. The contractor shall submit an alternative phasing plan for review and approval if he prefers to phase the demotion and construction in a different manner.

Q36 Per Section 1.3 which calls for U.S. based manufacturer, please confirm the manufacturing plant where steel is prepared and glass coated shall be located in the United States.

R36. The tank structure shall be supplied from a U.S. manufacturer.

Q37. Specification Section 13100, 2.6C describes a 3-coat, 1-fire glass coating that provides a WHITE Color for the interior. Please confirm white is the required interior color.

R37. It is not necessary for the interior color of the tank to be white. However, if the interior third coat of glass differs from specified, contractor shall submit for review.

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Q38. Is the tank manufacturer responsible for providing the stairways, platforms and walkways which are to be supported by the tanks, including their Structural Design and Any Foundation Requirements?

R38. Yes, the tank manufacturer shall be responsible for providing all stairways, platform, walkways, and supports that are to be supported by the tanks, including all structural design components.

Q39. IFB, A.14 – This paragraph reserves the Owner's right to accept all or any part of the bid. Does the Owner intend on awarding the whole project to one Contractor; or to award parts to several?

R39. It is the County's intent to award entire project to a single Contractor.

Q40. IFB, B.02 – Please describe the intent of the two contract durations: 390 and 510 calendar days. For instance, does the 510 duration require multiple start/stops; or just a delay start?

R40. The County issues two (2) durations to see if there is a significant cost savings based on time. There will be no start/stops or delays associated with the time difference only a comparison of cost to choose the lowest, responsive, responsible bidder.

Q41. I have a question on the subject project in regards to the bid bond. Since Bid "A" is based on 390 calendar days and Bid "B" is based on 510 calendar days, are we to have two (2) separate bid bonds submitted or just one?

R41. When you submit a bid bond, you are submitting a bid bond stating that the Contractor and Surety are bound to the Owner in the amount set forth of 5%. The condition of the bid bond is that: if you submit a bid (Bid "A" or Bid "B"), and you are the low bidder, you agree to enter into a contract with the Owner in accordance with the terms of the bid which you provided (Bid "A" or Bid "B"), whichever the Owner decides upon, and which was deemed the lowest, responsive, responsible bid in the amount accepted by the Owner.

Q42. Reference IFB, Exhibit D, Bonding Requirements – Is there a specific bond form required?

R42. Yes. A sample of the Public Construction Bond satisfying the requirements of Florida Statutes Section 255.05 was provided in the original Invitation for Bid.

Q43 Reference 01005.1.05.A - This section provides the County with sole responsibility for the determination of the necessity for providing a temporary fence and the type of temporary fence to be used. Existing fence removal is required to facilitate some parts of the construction. Is a temporary

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fence required during these times: If so, what type? Are there any specific areas that the County determines need temporary fencing?

R43. Yes, temporary fencing will be required. The temporary fencing can be chain-linked. There are no specific areas outside the proposed project area that will require temporary fencing.

Q44. Reference 01150.1.07.Bid Item No. 2: Is a new irrigation system required in the area of major construction?

R44. No irrigation system are required; however, contractor shall be responsible for maintaining all restoration, including all sodding.

Q45. Reference Drawing G-2, RESTORATION AND MISC NOTES, Note 5 – Are there any existing irrigation systems located in the area that work will be done?

R45. None known.

Q46. Reference 02050.3.04.A – Are there pieces of process equipment, or other items, that are expected to be in full working order after they are “demolished”; meaning the contractor provides “select demolition” of these items?

R46. The equipment within the areas of demolition are not in working order. However, the County shall tag equipment prior to demolition that shall be properly stored and turned over to the County.

Q47. Reference 02064.3.01.F – What operating equipment is to be “selectively demolished”, thoroughly cleaned, lubricated, and greased for protection during prolonged storage?

R47. The equipment within the areas of demolition are not in working order. However, the County shall tag equipment prior to demolition that shall be properly stored and turned over to the County.

Q48. Reference 02064.3.3A – Is asbestos removal and abandonment anticipated. If yes, please describe. If no, would the contingency cover the cost if it is discovered?

R48. No environmental assessment has been completed. Contingency would cover the cost of asbestos removal and abatement if it is required.

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Q49. Reference 02200.3.09.C – This section talks about pond bottoms; and removing and replacing silt in existing pond bottoms. Is there any pond work?

R49. No pond work is proposed.

Q50. Reference 02200.3.05.B – Are unsuitable materials anticipated. If yes, please describe. If no, would the contingency cover the cost if it is discovered?

R50. None known. Refer to Geotechnical Report. If unsuitable materials are discovered, contingency should cover the cost.

Q51. Reference 02200.3.15.C – Is the location(s) for stockpiling suitable surplus materials at or near the site; such as the current stockpile area north of the plant?

R51. Yes, suitable clean fill can be stockpiled at the north maintenance yard, however, this will only be allowed at the end of the earthwork operations. Ongoing cutting and filling must be done within the work area.

Q52 Reference 02220.1.03.D – Same question as Q50.

R52. See reply R50.

Q53. Reference 02220.3.04.E – This section requires surplus material not used on-site to be removed and disposed of off-site. This conflicts with 02200.3.15.C that allows stockpiling on-site. Please clarify.

R53. See reply R51

Q54. Reference 02223 – This section describes over-excavation of material below normal grade when required; in the opinion of the County. Would the contingency cover the cost if this condition occurs?

R54. If unsuitable material is encountered, contingency should cover any reasonable over-excavation.

Q55. Reference 02260.3.03.A – This section requires surplus sub-soil and topsoil to be removed and disposed of off-site. This conflicts with 02200.3.15.C that allows stockpiling on-site. Please clarify.

R55. See reply R51. Any additional material that cannot be stockpiled in the north maintenance yard shall be removed and disposed of by the contractor at his own expense.

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Q56. Reference 02618 – This section states to perform pigging on existing pipelines as specified. Can the engineer specify which existing lines will require pigging? Will the pig launching stations be permanent or temporary?

R56. Section 02618, Pipeline Cleaning can be removed in its entirety.

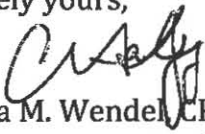
Q57. Reference Specifications Section 13300, Precast Concrete Control Building: Leesburg Concrete is requesting to be an approved equal.

R57. After review of the literature provided, Leesburg Concrete is considered an "approved equal".

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

Bids will be received at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 **March 8, 2017 at 3:30 PM.**

Sincerely yours,



Don
Melissa M. Wendel, CPPO, Purchasing Official
Manatee County Purchasing Division

(61 total pdf pages attached)