

MEMORANDUM



To: All Interested Bidders
Date: **February 16, 2017**
Subject: IFB16-3094OV, Force Main 13A Rehabilitation
Bradenton, Manatee County, FL (Project #6049181)
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. Bid 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 of January 27, 2017 to submit all inquiries concerning interpretation, clarification or additional information pertaining to this bid has been expired. No additional inquiries 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.

Quantity of Bid Item #38 has been revised from 5 EA to 6 EA. (Revised locked excel bid form(s) (Bid A and B) are made a part of Addendum #6. **(8 pages attached)**)

Plan Sheet Revisions: (3 Plan Sheets) (3 pdf pages)

Plan Sheet #33 (Sidewalk Plan (12th ST W)
Plan Sheet #34 (Sidewalk Plan (60TH AVE W)
Plan Sheet #35 (Sidewalk Plan (60TH AVE W)

Revised from FDOT Index #477 to FDOT Index #870.

Follow link <https://kimley-horn.securevdr.com/d-s9e9ae0e8e57423da> available to all bidders through 5:00 PM, February 22, 2017.

Responses to questions, inquiries received through 5:00 PM, January 27, 2017 which were inadvertently omitted from Addendum #4.

1. Reference plan sheets 32 – 34, LEGEND, Detectable Warning Strips, please add a bid item for these. The F.D.O.T. pays these by the square foot.

Response: Bid Item #38 has been revised to Bid Item #37 and now reads cost should include the installation of detectable warning strips shown on them Contract Drawings. Please reference updated SECTION 01150, MEASUREMENT AND PAYMENT, page 01150-10.

Financial Management Department
Procurement Division
1112 Manatee Avenue West, Suite 803
Phone number: (941) 749-3014

2. Reference plan sheet 28, the proposed fence at the west side of the lift station, it is currently designed to be installed between the top-of-bank, TOB, and the toe-of-slope, TOS, in the side slope of the drainage canal, is this what the County wants?

Response: Please see Revised Sheet 28 for new fence location. Please see revised fence quantity listed in Bid Item #33 – Chain-Link Fence.

Reference plan sheet 28, the emergency pump out connection, has the County exercised this valve lately?

Response: The valve has not been exercised lately, however it is in closed position and has only been in service for approximately 6 years. The County does not expect this valve to be an issue during construction.

3. Reference plan sheet 28, the existing influent manhole at the west side of the lift station, will the concrete lid lift off of this manhole without disturbing any liner that may have been installed in it? As this is where the by-pass pumps will be installed.

Response: If the Contractor decides to remove the Concrete Lid for bypassing, the Contractor will be required to repair the liner.

4. Reference specifications Section 02640, VALVES AND APPURTENANCES, page 02640-14, par. 2.14, RESTRAINED JOINTS, sub-par B, second paragraph, if we do elect to use stainless steel, what ASTM specification is the stainless steel to meet and what grade of stainless steel are we to supply?

Response: All T-bolts, bolts, nuts, washers, and all thread rods shall meet the ASTM A-242 requirements (Cor-ten or equivalent) or be 316 stainless steel. The use of rebar with welded thread is prohibited. A certification letter from the supplier, which states the name of the project and contractor, shall be provided to the County ensuring all restraints were delivered to the contractor with T-bolts, bolts, nuts, washers, and all thread rods supplied meet the ASTM A-242 requirement. A certification letter for the use of stainless steel is not required, since stainless steel can be visually recognized and tested in the field by the inspectors. The certification letter shall accompany all applicable shop drawing submittals. 316 stainless steel shall be required where soil testing indicates a corrosive environment.

5. Reference specifications Section 01150, MEASUREMENT AND PAYMENT, page 01150-9, BID ITEM #32, STORM WATER STRUCTURE (REMOVAL AND REPLACEMENT) FOR PIPELINE, what are the limits for replacement of these structures, please provide a replacement detail.

Response: The drainage flumes are described in Bid Item #30 in updated SECTION 01150, MEASUREMENT AND PAYMENT. A detail has been added to Sheet 32 for reference.

6. Reference specifications Section 02619, HORIZONTAL DIRECTIONAL DRILLING, page 02619-10, par. N, second to the last sentence, "providing full signal conductivity" does this mean the signal has to be tested over the top of the pipeline route or just that the tracing wire has conductivity from one end to the other end?

Response: The tracing wire must be conductive from one end to the other. A full signal conductivity test is not required.

7. Reference specifications Section 02617, INSTALLATION AND TESTING OF PRESSURE PIPE, page 02617-4, par. 1.04 DETECTION, I do not see any reference to the Contractor having to perform a full signal conductivity test to the tracing wire in this specification, please clarify if that test is necessary for pipe installed in this specification section.

Response: The tracing wire must be conductive from one end to the other. A full signal conductivity test is not required.

8. Will there be spacers required for carrier pipe at 36" Directional?

Response: Per the plans and specifications, casing spacers will not be required.

9. Will contractor be allowed to use Hoist located at Lift Station?

Response: Contractor may use the overhead trolley in the station, however any damage incurred will be the responsibility of the contractor. The weight rating for the overhead trolley (overhead crane) is 3 tons.

10. Can we utilize mega flange n header pipe replacements?

Response: The contractor shall use Sheet 36 for construction details regarding connection into the lift station. Flange adapters will be allowed for connecting to existing flanges.

11. Please provide flow rates for bypassing.

Response: 3319 GPM @ 143 TDH.

12. Will county allow contractor to utilize existing 20" pump off for bypassing? What is the pressure on Pump Off?

Response: Sheet 28 has been modified to show the intent of the bypass plan for improvements at Lift Station 13A. The intent is to use the line stop upstream of the bypass port and route flows from the manhole onsite to the bypass port during construction of the improvements. Contractor is responsible for means and methods during construction.

Contractor to use the design point of 3319 GPM @ 143 TDH for sizing bypass operations.

13. Please specify which trees are to be removed and provide replacement tree type and size. Replacing a 30" Oak tree with a 30" Oak tree will be substantially expensive.

Response: All trees within the right of way are not required to be replaced upon removal. Only trees outside of the right of way must be replaced. Contractor must obtain tree removal permits for any trees outside of the right of way and account for these within their bid items.

14. Please provide a detail for proposed bollards.

Response: Detail for bollard has been added to Sheet 32.

15. Would the county provide an existing As-built drawing for LS 13A which more clearly shows the influent piping details to the three pumps?

Response: Records drawings have been provided in Addendum #2. No additional information is available.

16. Does the County have a preference as to where the Contractor is to tie-in to the existing influent FM at LS13 A to pick up sewerage for bypassing the pumps/new piping? Is it the County/Engineers intent to pick up the flow at the 48" line Manhole just outside the building?

Response: Sheet 28 has been modified to show the intent of the bypass plan for improvements at Lift Station 13A. The intent is to use the line stop upstream of the bypass port and route flows from the manhole onsite to the bypass port during construction of the improvements. Contractor is responsible for means and methods during construction.

17. What is the maximum flow rate in GPM according to the existing flow meter in place at LS 13A ?

Response: The design point is 3319 GPM @ 143 TDH. The existing flow meter is not functional at LS 13A.

18. Please confirm section 02444 Fencing Part 2 Calling for Hot Dipped Galvanized Chain Link 2" 9GA wire? We understand Manatee county Lift stations are going to (black) vinyl 9ga (core) 6ga Finish, 2 1/2" Lines posts SCH-40, 3" Terminals posts SCH-40 with PDS Privacy Slats. Please confirm the specification of the fabric and accessories is per the County's preference.

Response: The County will require fencing to have Black vinyl coating 6-gauge finish. Please see fencing detail shown on Sheet 32 and revised specification section 02444-2.01.E.

19. Due to the critical nature of the construction and bypassing at the LS 13A, would the County allow a small construction trailer and laydown area outside the fence at LS 13A?

Response: A small trailer and lay down area will be permitted if it fits without interrupting construction or lift station operations.

20. Will the CONTRACTOR be allowed to utilize the existing overhead crane inside the LS to swap out the pipes and valves? Can you confirm it functions properly?

Response: Contractor may use the overhead trolley in the station, however any damage incurred will be the responsibility of the contractor. The weight rating for the overhead trolley (overhead crane) is 3 tons.

21. Is it anticipated that the current Contract FM17 A Replacement will in any way impact the currently bidding project IFB 16-30940V FM13 A in Schedule or work area?

Response: No, FM 17 A Replacement will not impact the FM 13 A project or work area.

22. Is there a Buy-American Steel requirement for piping and fittings?

Response: No, there is no buy American steel requirement.

23. Will County Reuse water be available for the contractor to use for pipeline pressure testing, flushing and cleaning?

Response: Potable water is required for pressure testing.

24. Sheet 28 shows gravel repair under new MAG meter & bypass piping. Mag Meter on Detail on Sheet 29 shows a concrete slab. Which does the County want installed?

Response: Please see revised plan sheet 28 and detail sheet 29. A concrete slab and gravel will be required.

25. Reference Addendum Four, Response to Item 38, Bid Item 43 is for 16" Ductile Iron Pipe, not for 12" Plug Valves, in fact there are no bid items in the revised bid form for 12-inch plug valves and no provisions for in the latest Measurement and Payment section issued in Addendum Four.

Response: Bid Item #44, 12" DUCTILE IRON PLUG VALVE, was not revised to Bid Item #43. It was deleted from the project. The 12" plug valves will no longer need replacing. The header piping is to be replaced by the modifications described in Bid Items #42-53 and on Sheet 36 – Header Piping Plan.

26. Reference Addendum Four, Response to Item 58, please double check this response as plan sheet 28 shows the influent line as XSS48 and a 4-foot inside diameter manhole would not accommodate two (2) pipes of this size.

Response: Dimensions we taken from utility staff information and record drawings, which is the best available information. If there is a discrepancy that occurs, it will be handled during construction.

27. Reference plan sheet 27, station 114+00, there is no bid item for making the connection to the existing force main at this location, please review.

Response: Bid Item #17, FORCE MAIN CONNECTIONS is now Bid Item #18. The connection to existing force main at 5th Street W (114+00) and connection at 34th Street (1+50) shall be included within Bid Item #18, FORCE MAIN CONNECTIONS. Reference updated Section 01150, MEASUREMENT AND PAYMENT, page 01150-6 / 7.

28. Reference plan sheets 32 – 34, KEYED NOTES, number 17, does bid item 22 compensate the Contractor for repairing and replacing these driveways on these plan sheets? If not, please add a bid item for the six (6) inch thick concrete driveways that will

be impacted. We should not have to quantify the driveways being impacted by the sidewalk.

Response: Bid Item #22, DRIVEWAY/SIDEWALK RESTORATION is now Bid Item #23. For Sheets 32-34, the driveway restoration shown in the hatched areas should be included in Bid Item #23. The 6-inch concrete sidewalk required in driveway areas should be included in Bid Item #37, CONCRETE SIDEWALK.

29. Reference plan sheets 32 – 34, KEYED NOTES, number 13, where do these get paid?
Please provide a bid item for them.

Response: Keyed Note 13 shall be paid under Bid Item #38 – STORM WATER STRUCTURE (REMOVAL AND REPLACEMENT) FOR SIDEWALK. See revised Bid Form.

30. Reference plan sheet 32 – 34, KEYED NOTES, number 19, FDOT Index 477 is not for handrail, it is a three beam guardrail, please review.


Response: See revised Plan Sheet 32-34. Correct FDOT Index is Index 870.

31. Reference specifications Section 01150, MEASUREMENT AND PAYMENT, page 01150-10, BID ITEM #40, THICKENED EDGE AND PEDESTRIAN RAILING, ALUMINUM 42", please provide a detail for the aluminum railing.

Response: Please reference FDOT Index 870 for Aluminum 42" Pedestrian Railing.

Bids will be received at the Manatee County Procurement Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 **February 24, 2017 at 3:30 PM.**

Sincerely yours


Melissa M. Wendel, CPPPO, Purchasing Official
Manatee County Procurement Division

Ov (Bid A and B – 8 excel locked pages)
Plan Sheets, 33, 34, 35 (3 pdf pages)