



Financial Management Department
Purchasing Division
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Email

March 23, 2017

TO: All Interested Bidders

SUBJECT: Invitation for Bid (IFB) #17-0772GC
Force Main 5 Replacement

ADDENDUM 3

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

1. CHANGES to the Technical Specifications:

1. Section 01150, Measurement and Payment. (14 pdf pages attached)
 - a. Removed lift station information under the Force Main Connection Bid Item
 - b. Revised Bid Item 36, 62, 84, 117, and 150 to Soil Subgrade.

2. CHANGES to the Plan Sheets: (16 pdf pages attached)

1. Lift Station 5 Mag Meter Plan, Sheet 34A, dated 3/22/17
 - a. Added notes to indicate pipe size and relocation of the existing bypass vault.
2. Imperial House Demolition & Proposed Plan, Sheet 40, dated 3/22/17
 - a. Revised wet well bottom elevation, wet well diameter, and conduit location.
3. Construction Details, Sheet 44, dated 3/22/17
 - a. Remove Detail 403.2

3. CHANGES to the Bid Form:

- a. Bid Items 36, 62, 84, 117, and 150 to have been revised to Soil Subgrade.

The following questions have been presented by potential Bidders:

1. Question: Reference bid form, bid items 38, 64, 86, 119, and 152, Structural Course Asphalt Base – SP 12.5, what is the thickness of this structural course?

March 23, 2017

Response: Please refer to County Detail UG-12 on Sheet 43. As noted in this detail the County requires the structural course to match to have a depth of at least 1-¼ inch or be the same depth as the existing roadway. As required by FDOT, Note 1 under FDOT Asphalt Repair Notes, the structural course depth shall be 10 inches done in 2 inch lifts.

2. Question: Reference bid form, bid items 38, 64,86, 119, and 152, Structural Course Asphalt Base – SP 12.5, with the word “Base” in this bid item description are we to presume that this layer of asphalt is in fact being used as base material in lieu of crushed concrete base material, or is it to be the underlying structural lift of asphalt beneath the friction course layer?

Response: For roadway repairs within FDOT right-of-way, the structural course is to be used as the roadway base. For repairs to roadways outside the FDOT right-of-way, contractor shall refer to the base material illustrated County detail UG-12.

3. Question: Reference bid form, bid items 39, 65, 87, 120, and 153, Friction Course Overlay – FC 12.5, this type of asphalt mix is not what Detail 403.2 on plan sheet 44 is calling out, please clarify.

Response: Detail 403.2 has been removed, please refer to County detail UG-12.

4. Question: Reference bid form, bid items 40, 66, 88, 121, and 154, what is the depth we are to mill for this bid item?

Response: Refer to County Detail UG-12 on Sheet 43 and FDOT Asphalt Repair Note 1 on Sheet 2. Milling depth of 1-1/2 inch shall be the basis, but should be adjusted per individual site, per Note 6 detail UG-12.

5. Question: Reference plan sheet 48, MAINTENANCE OF TRAFFIC PLAN, Note 3, this note tells us we have to have signed and sealed MOT drawings prepared, this contradicts specifications Section 01570, TRAFFIC REGULATION, page 01570-1, par. 1.02, TRAFFIC CONTROL, sub-par. B, please clarify

Response: The contractor shall provide a Traffic Control Plan in accordance with Specification 01570.

6. Question: Reference plan sheet 34A, the note regarding the mounting of the mag-meter exterior control module/transmitter, we need to know where the County wants to have this installed in order to estimate costs associated with electrical wiring, conduit and installation, please provide.

Response: The location of the control module shown on Sheet 34A is the correct location. Minor adjustments may be required in the field to avoid conflicts. Contractor should assume the control module will be mounted 5 feet off the floor.

7. Question: Will the County assess charges for lift station shut downs that will be necessary to complete connections to new force main? If so, what will the charge for a shutdown be?

Response: No, the County will not charge to shut down a lift station. It shall be the contractor's responsibility to take all measures to prevent sanitary sewer overflows, by either providing bypassing or septage storage trucks.

8. Question: If a site visit at each lift station cannot be scheduled before the cut off for questions deadline, can the cut off for questions deadline be extended and the bid date as well?

Response: A site visit for Lift Station 5 and the Imperial House Lift Station were conducted on March 20, 2017. Revisions to the plans have been addressed. The question deadline and bid date will not be extended.

9. Question: Reference plan sheet 40, PROPOSED PUMP STATION REHABILITATION AND VALVE VAULT DETAIL, please review the elevation given for the inside bottom of the wet well. It seems ironic that it is the same as the top elevation.

Response: Sheet 40 has been revised to show the correct bottom elevation.

10. Question: Reference plan sheet 40, PROPOSED PUMP STATION REHABILITATION AND VALVE VAULT DETAIL, the note just below the "4-inch base elbow", we should not have to verify whose pump and what type of pump outlet this is, Manatee County maintains the station they should be able to say what material is needed, please provide a description of the proper equipment needed.

Response: The base elbow is 4-inch and the 4-inch pump outlet was confirmed with the pump manufacturer. The intent of the note is to ensure the contractor confirms the correct materials and measurements before construction begins.

11. Question: Reference plan sheet 40, PROPOSED PUMP STATION REHABILITATION AND VALVE VAULT DETAIL, the note that reads "PROPOSED CONDUITS (ROTATED FOR CLARITY), in plan view where do the new conduits come into the wet well at? Please provide more detail.

Response: Sheet 40 has been revised to illustrate the proposed location for the conduit.

12. Question: Reference plan sheet 40, GENERAL NOTES, Note number one, how are we to bid this job if we do not know what equipment we are to furnish? Manatee County needs to set some parameters for equipment for us to bid the job by. Please provide.

Response: The intent of the note is to ensure the contractor confirms the correct materials and measurements before construction begins. Equipment and materials used shall be consistent with Manatee County Utility Standards.

13. Question: Reference plan sheet 39, the note that reads "CONTRACTOR TO VERIFY ELECTRICAL SERVICE VOLTAGE", Manatee County should be providing this information

for us to prepare a bid by, please provide required electrical information so we can bid accordingly.

Response: The existing station is 240 Volt, 3-Phase.

14. Question: Reference specifications Section 01150, MEASUREMENT AND PAYMENT, page 01150-9, BID ITEM – FORCE MAIN CONNECTIONS, second paragraph, why are we putting septic storage trucks at these lift stations, shouldn't the list be for stations on the island?

Response: Section 01150, Measurement and Payment, Bid Item – Force Main Connections has been revised.

15. Question: Reference specifications Section 01150, MEASUREMENT AND PAYMENT, page 01150-9, BID ITEM - FORCE MAIN CONNECTIONS, when the second paragraph gets corrected and includes the list of lift stations on the island, we will need to know the disposal site for the septic storage trucks to discharge their load at, please provide this location.

Response: The lift stations on the island that are affected by this project are included in the plans, pumping rates and head conditions. It is the contractor's responsibility to provide an adequate amount of septage storage trucks to prevent sanitary sewer overflows, per their means and methods to make the force main connections. It is also the contractor's responsibility to determine where to dispose of the stored wastewater.

16. Question: Sheet 2, general notes regarding FDOT Asphalt Repair within the FDOT ROW; states to include 10" of SP 12.5 in 2" lifts. The bid form quantities for SP 12.5 do not appear to reflect this 10" thickness, so please clarify the intent of patch repair over the new pipe; define a minimum width of patch and confirm that the entire NB lane (to include the new patch) will be paid as 1.5" mill with 1.5" FC 12.5.

Response: Our understanding of FDOT's requirements, per our discussions with them, are the SP 12.5 has to be laid up to the roadway height, then the entire northbound lane is required to be milled 1-1/2 inches, then overlaid 1-1/2 inches with FC 12.5. There is no minimum trench width, this would fall under the contractor's means and methods. For estimating purposes, a 10-ft trench was assumed.

17. Question: On the roadways that are not within the FDOT ROW – the detail on sheet 43 appears to indicate 2 lifts of asphalt pavement over the pipe trench, but I do not see where that is defined. The legend only shows a 1.5" Type S3 asphalt over the patch and milled area. The bid form conflicts with the detail with pay items for SP 12.5 and FC 12.5. Please clarify.

Response: Per Note 5 on Detail UG-12, Sheet 43, requires Structural Course with a prime coat to be the same depth and type as the existing or a minimum of 1-1/4 inch, whichever is greater. The overlay shall be 1-1/2 inches of FC 12.5 over the patch and milled area.

March 23, 2017

18. Question: Reference the Force Main 1C work shown on plan sheet 37, there are no bid items. Please review and clarify.

Response: It is included in the Imperial House Bid Items, Bid Item #74 and Bid Item #75, 4-inch PVC and 4-inch HDPE, respectively.

19. Question: The work the County wants done at Master Lift Station 5 is more than what Bid Item fifty (50) is asking for and a bid item should be added for the retrofit work we were shown inside the wet well and specifications for gratings, coatings, etc. need to be added to the bid documents. Please review and clarify.

Response: Bid Item 50 only includes replacement of the lift station header piping, as described in Section 01150 and illustrated on Sheet 41. There are no modifications/improvements required for gratings, coatings, etc.

20. Question: Reference plan sheet 46, HEAVY DUTY INFILTRATION TRENCH detail, what is this detail for and if we have to perform this work, where is the bid item for it?

Response: Refer to Note 5 on Sheet 22-28, 37 and 38. If the contractor's construction impacts the existing infiltration trenches, the contractor shall be responsible for restoring the trench back to original or better conditions, and should be included as part of their overall restoration efforts.

21. Question: Reference plan Sheet 34A, a "PROPOSED BY-PASS VAULT", but there is no detail for it and no call out for the size of pipe, valve, and fittings, the engineer really needs to address this issue in the upcoming addendum, so please pass this along to the project manager for review.

Response: Sheet 34A has been revised to illustrate relocation of the existing bypass vault. Also, the bypass piping has been detailed as 16-inch, to match the existing configuration.

22. Question: The bid document plans do not show all of the existing 18-inch force main that is to be grout filled. In order to be able to prepare a quote to grout fill the existing 18-inch force main we need to be able to follow the route of the existing force main and ask that the as-built drawings for this pipeline be furnished so we can analyze grout filling the line. Please furnish those as-built drawings.

Response: Plan Sheets 4A and 4B show the force main to be grouted. The contractors have adequate information to bid the project.

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.

March 23, 2017

Bids will be received at Manatee County Procurement Division, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until **March 31, 2017 at 2:00 PM.**

Sincerely,

A handwritten signature in blue ink that reads "Melissa M. Wendel". The signature is written in a cursive style and extends to the right with a horizontal line.

Melissa M. Wendel, CPPO
Purchasing Official