

MEMORANDUM



To: All Interested Bidders

Date: May 12, 2015

Subject: IFB #15-0660-OV, Whitfield Avenue, 16-Inch Water Main
Manatee County, FL (Project No.: 6040970)
ADDENDUM #2

Bidders are hereby notified that this Addendum shall be acknowledged on page 00300-1 of the Bid Form 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 was May 1, 2015 at 5:00 pm. 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.

Bidders Note 1:

Plan Changes:

- Delete:** Roadway Restoration Plan, Sheet 9 in its entirety
Replace: Revised Roadway Restoration Plan, Sheet 9 dated May 2015. (1 total page via pdf)
- Delete:** Roadway Restoration Plan, Sheet 10 in its entirety
Replace: Revised Roadway Restoration Plan, Sheet 10 date May 2015 (1 total page via pdf)
- Delete:** Detail Sheet 14 in its entirety
Replace: Revised Detail Sheet 14 dated May 2015 (1 total page via pdf)

Bidders Note 2:

Technical Specification Changes:

- Delete:** Specification Section 01150, Measurement and Payment in its entirety
Replace: Revised Specification Section 01150, Measurement and Payment dated May 8, 2015 (9 total pages via pdf)
- Delete:** Specification Section 02445, Settlement Instrumentation and Monitoring in its entirety
Replace: Revised Specification Section 02445, Settlement Instrumentation and Monitoring dated May 8, 2015 (10 total pages via pdf)

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

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Bidders Note 3:

Bid Forms (A & B)

Item No. 12: Milling of Existing Asphalt (1-inch Average Thickness, quantity has been revised from 1,600 SY to 4,000 SY.

Item No. 13: Furnish & Install Superpave Asphaltic Concrete, SP 9.5, quantity has been revised from 900 Tons to 275 Tons.

Revised Bid Forms (A & B) 4 total pages are made a part of this Addendum No. 2.

Bidders Note 4:

Response to questions received from bidders through May 1, 2015. No additional questions shall be consider.

1. Section 00800, Special Provisions, Section 02615, Ductile Iron Pipe and Fittings, paragraph "A", states that "All ductile iron pipe shall be restrained and boltless Flex-Ring joint pipe with Flex-Ring fittings, as manufactured by American Cast Iron Pipe Co." This is 'sole sourcing' to one manufacture. There are other manufactures of ductile iron pipe that have the same characteristics that are being called out to use. Will consideration be made to use other pipe manufactures products?

Response: Consideration will be made if the ductile iron pipe manufacturer can provide proof that their materials have been used successfully on horizontal directional drilling (HDD) projects within the State of Florida with similar diameter, soil type, and length. Only one manufacturer of pipe materials shall be used on the project, and all requirements of the Contract Documents shall apply.

2. Section 00800, Special Provisions, Section 02619, Horizontal Directional Drilling, paragraph "A", 4th sentence states, "Prior to pullback, the pipe shall be encased with a minimum 8 mil polyethylene encasement using only tube-type polyethylene sleeves". Are polyethylene sleeves going to be required? Please clarify.

Response: Yes, this shall be required in accordance with paragraph 4.9.1 of Attachment B - Guidelines for Horizontal Directional Drilling (HDD) in the Contract Documents.

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3. Also in the same section as mentioned in the previous question, at the end of paragraph "A" it states "The contractor shall have on site a full-time representative from American to provide instruction and advice with the pipe assembly and installation". Is the full-time rep from the pipe supplier, only for the duration of the directional drill? Is the cost for a full-time rep to be included in bid item #4, 16" HDD? Please clarify.

Response: The full time pipe representative is only for the duration of the HDD and pull back operations. Per the Specifications Section 01150 1.07, first paragraph, second sentence "Any related work not specifically listed, but required for satisfactory completion of the work shall be considered to be included in the scope of the appropriate listed work items."

4. What permits will the contractor be responsible for obtaining?

Response: See Sheet 2 of the Contract Drawings, General Notes 7 and 33.

5. Specifications mention "County Field Office". Will one be required?

Response: A County Field Office shall not be required. Delete Section 01590, County's Field Office in its entirety.

6. Section 02445, Settlement Instrumentation & Monitoring, mentions surface and sub-surface monitoring points. In sub-section 3.03, paragraph "B" it states "At the HDD crossing, six sub-surface monitoring points shall be installed at the location shown on the Drawings". There are no locations shown on the plans calling out sub-surface points. This was brought up at the pre-bid meeting on Tuesday, April 21st, that there are no locations shown in the plans calling out the location of the sub-surface monitoring points. The EOR mentioned that sub-surface points would not be needed and that all monitoring points were "surface" control points. Clarification needs to be made on whether sub-surface monitoring points are needed. If sub-surface monitoring points are needed then clarification needs to be made as to where they are to be installed and at what depth they are to be installed at.

Response: Only surface monitoring points will be required. Delete Section 02445, Settlement Instrumentation and Monitoring in its entirety and replace with the revised Section 02445 Settlement Instrumentation and Monitoring attached.

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7. Section 02619, Horizontal Directional Drilling, sub-section 3.05, paragraph "F", it mentions the use of "Conductor Casing". Will the contractors be required to install "Conductor Casing"? If so in paragraph "F" it states that "A steel conductor casing shall be installed at the entry and exit point of the HDD pilot bore, as shown on the drawings. The casing shall be installed to the depth shown on the Drawings or to refusal as determined by the engineer". Conductor Casing is not called out or shown on the plans. Please clarify if the Conductor Casing is to be used or not. If the Conductor Casing is to be used, then provide more information on the depth to which they are to be installed, the size of the casing and the thickness of the casing.

Response: The conductor casing shall not be required. In Section 02619 Horizontal Direction Drilling, remove paragraph 3.05.F in its entirety.

8. It was brought up at the pre-bid meeting that the plans provided are of poor quality and illegible. Please provide a cleaner and readable set of plans that can be downloaded.

Response: Please refer to the Contract Drawings provided in Addendum No. 1.

9. Please provide soil boring report.

Response: The Geotechnical Report was provided in Addendum No. 1.

10. Please clarify if rock exists within the pipe route.

Response: Refer to the Geotechnical Report that was provided in Addendum No. 1.

11. Please provide plan of action if rock is encountered along pipe route during pipe installation in open-cut or HDD areas.

Response: It is the Contractor's responsibility to review the Geotechnical Report to determine the possibility of encountering rock and to create a plan of action if rock or another obstruction is encountered.

12. Please clarify type, style, brand, model, etc. of the selected joint restraint(s) for the DIP in open-cut and HDD areas.

Response: See the specifications, Section 00800, Special Provisions and Section 02615 Ductile Iron Pipe and Fittings for pipe and material requirements.

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13. Please provide a legible set of plans.

Response: Please see response to Question No. 8

14. Please provide a detailed narrative of the maintenance of traffic (MOT) plan that was/is envisioned during the design of this project.

Response: The maintenance of traffic (MOT) required for the project shall include the following items:

- a. **The Contractor shall prepare and submit a signed and sealed MOT plan to the County for approval. MOT plans shall be submitted to Matthew Merucci (941.708.7450 ext. 7346) and John Hallman (941.708.7450 ext. 7368) at 1022 26th Avenue E. Bradenton, Florida 34208. Copies of the MOT plan shall also be provided to Brian Bates, Manatee County Project Manager at the same address, and the Engineer of Record.**
- b. **At all times during the project, the contractor shall ensure through an approved MOT plan that two-way traffic is maintained on Whitfield Avenue at all times (day, night, weekends, etc.) using appropriate methods such as flag men, portable signals, etc. These methods shall be detailed in the MOT Plan.**
- c. **The Contractor shall be required to perform re-timing of the signal at Lockwood Ridge Road and Whitfield Avenue. Retiming design shall be submitted to the County (Vishal Kakkad, P.E., PTOE, County Traffic Engineer, (941) 749-3500, ext. 7812) for approval prior to implementation by the Contractor. The Contractor may be required to retime the signal multiple times during construction and shall be required to place the signal back to its original timing after construction completion.**
- d. **The intersection of Whitfield Avenue and 43rd Court E. shall be closed for a maximum of 40 calendar days for the horizontal directional drill operation, pipe installation, valve vault installation, connection at 43rd Court E., and reconstructing the roadway per County standards for this portion of the project. At the end of this time period, the roadway shall be properly reconstructed per County standards and temporary asphalt shall be in place for public travel.**

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- e. **The Contractor shall be allowed to take the eastbound lane of Whitfield Avenue out of service for a maximum of 20 calendar days for the open cut portion of the project that is within the pavement. At that time, the Contractor shall have completed installation of all open cut piping under pavement and reconstructed the roadway per County standards and provide temporary asphalt pavement suitable for public travel for opening the east bound lane.**
- f. **Upon completion of all pipe installation, the Contractor shall perform all required testing. Once all tests have passed, the Contractor shall mill and overlay the project to the limits shown on the Contract Drawings.**

15. Please request from the County's office having jurisdiction over the road, MOT plan approval, and R/W permitting that this segment of road be closed in its entirety for the duration of the project. This will provide the safest work zone for the public and workers and will allow work to be completed the fastest in comparison to any other MOT plan or construction sequencing.

Response: Please see response to Question No. 14.

16. Please remove the requirement for a field office for this project.

Response: Please see response to Question No. 5.

17. Please clarify plan for surface points and subsurface points for monitoring of settling of the HDD (quantity, location, method(s) of installation, frequency of checking, etc.).

Response: See response to Question No. 6.

18. Please clarify how the HDD monitoring points will be placed and work in conjunction with the planned overlay of the eastbound lane through the work area.

Response: Monitoring points shall be surveyed in with x and y coordinates that can be reproduced. The points shall be monitored before and after milling operations. Elevation differences can be accounted for after the milling operations.

19. Please clarify casing requirements.

Response: Please see the response to Question No. 7.

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20. Please clarify polywrap and tracer wire requirements for pipe installation (open-cut and HDD areas).

Response: Polywrap and tracer wire shall be required for all pipe installations.

21. Please provide requirements if/when polywrap and/or tracer wire installation does not "survive" the HDD installation area of project.

Response: The polywrap installation is anticipated to remain intact when installed per the procedure outlined in paragraph 4.9.1 of Attachment B - Guidelines for Horizontal Directional Drilling (HDD) of the Contract Documents.

Prior to acceptance of the pipe installation by the County, the Contractor must perform a continuity test to demonstrate that the locator tracer wire functions properly. If there is concern that the tracer wire will not remain intact during the pullback operation, the Contractor can choose to utilize thicker gauge tracer wire at no additional expense to the County.

22. Plans general note 17. states that all open road cuts shall be backfilled, compacted and covered with temp asphalt patch before dark on a daily basis. Will the County hold the Contractor to this requirement on the bore pits throughout the duration and completion of the directional bore?

Response: Please see response to Question No. 14.

23. On the detail for the "Isolation Valve and Vault" on plan sheet 14 it calls out for "Water Tight Joints (TYP.) Tongue & Groove with "O"-Ring Gaskets". Suppliers cannot provide a "Tongue & Groove" joint with an "O"-Ring gasket application on a square or rectangular structure. Will "Ramnek" type joint sealant or similar product be acceptable?

Response: Sheet 14 of the Contract Drawings shall be replaced with the attached revised Sheet 14.

24. Please explain why the county has chosen to sole-source the ductile iron pipe on this project when there are two other domestic manufacturers of ductile iron pipe that are capable of supplying a manufactured restrained joint that are made in conformance with applicable ANSI/AWWA standards and capable of meeting or exceeding the job requirements? I have attached our product literature for your review of the McWane Ductile "TR Flex" joint which is called out by name and accepted by the county's standard specifications. By way of this correspondence, I would ask that our TR Flex joint be deemed acceptable for this project within the upcoming addendum.

Response: See response to Question No. 1.

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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 **May 21, 2015 at 3:00 PM.**

Sincerely yours,



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

Ov (22 total pages attached)

Interactive Bid Form (4 total pages attached)