



1112 Manatee Avenue West
Bradenton, FL 34205
purchasing@mymanatee.org

Solicitation Addendum

| | |
|----------------------|--|
| Addendum No.: | 2 |
| Solicitation No.: | 21-TA003719DJ |
| Project No.: | 6100880 |
| Solicitation Title: | Lift Station 14-A FM Replacement and Extension |
| Addendum Date: | August 12, 2021 |
| Procurement Contact: | Dave Janney Senior Procurement Agent |

IFBC 21-TA003719DJ is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This Addendum is hereby incorporated in and made a part of IFBC 21-TA003719DJ.

The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this IFBC is July 30, 2021.

CHANGE TO:

SECTION B, BID FORMS, APPENDIX A, MINIMUM QUALIFICATIONS

SECTION B, BID FORMS, APPENDIX A, MINIMUM QUALIFICATIONS, PARAGRAPH 3

3. Bidder or Bidder's Subcontractor must have possessed a General Contractor license issued by the Florida Department of Business and Professional Regulation for a period of at least Five (5) consecutive years since June 1, 2016. License must be current and valid through the Due Date for submission of bids for this IFBC.

Provide a copy of Bidder's or Bidder's Subcontractor's General Contractor License issued by the Florida Department of Business and Professional Regulation and documentation confirming Bidder has been licensed for the period of June 1, 2016, through the date of submission of the Bid.

QUESTIONS AND RESPONSES:

Q1. Sheet 22 item 3 on the invitation to bid states the contractor must possess a general contractor license. Is a underground utility license sufficient and can this be removed?

R1. See change to Appendix A, Minimum Qualifications.

Q2. For the hanging forcemain on the bridge, can directional drilling be offered as an alternate to this item?

R2. Directional drilling will not be accepted for the hanging force main on the bridge.

Q3. Is there an engineer estimate?

R3. The Engineers estimated opinion of costs is \$2,374,212.50.

Q4. Reference plan sheet C01, the 6'-0" diameter manhole at Sta. 100+07, installing this manhole at the designed location is impossible due to the proximity of existing force main pipe without installing sheet piling, since we are not allowed to drive steel sheet piling does the engineer have some other method to shore up the excavation area? Please share.

R4. Suggest coordination with a specialty subcontractor to identify suitable alternative methods to driven retention systems as there are minimal disturbance systems available such as but not limited to soldier piles and lagging.

Q5. Reference plan sheet D-05, BOWLEES CREEK AERIAL CROSSING PLAN, reference to the 12" Long Span DIP, it appears from the detail that a long span ductile iron pipe is not necessary and what is needed is a flanged end by Fastite bell pipe and a flanged end by plain end pipe to span the 30'-0" length, why is the designer calling for Long Span DIP?

R5. Long span DIP is called out so the installation incorporates measures such as the use of Toruseal gaskets at the flange connection and Class 53 pipe.

Q6. Reference plan sheet D-05, BOWLEES CREEK AERIAL CROSSING PLAN, reference to the Fastite Restrained Joint, American Cast Iron Pipe company's Fastite joint pipe is not a factory restrained joint, if that is what the engineer is looking for, the only way to make a Fastite joint a restrained joint will be to use a "Bell Joint Restrainer" for ductile iron pipe, or a "Gripper Restraining Gasket", will either of these methods be allowed?

R6. The intent is to have a self-restrained push on joint using a "gripper restraining gasket" rather than separate bell joint restrainer.

Q7. The reference to “Fastite” on the drawings for the aerial crossing, is American Cast Iron pipe the only ductile iron product we are to bid this scope of work by? Sounds like the product is being sole sourced.

R7. Fastite with fast-grip gasket or approved equal is acceptable

Q8. Reference specifications Section 01150, page 4/10, BID ITEM NO. 6: JOINT RESTRAINTS, is this bid item specific only to “Bell Joint Restrainers” for use to restrain PVC and or ductile iron pipe at the bell ends of non-factory restrained joint pipe through restrained pipe length areas and is not to include MJ, Mechanical Joint, Meg-a-Lug restrainers? It is customary for contractors to include costs for MJ Meg-a-Lug restrainers in the unit price for mechanical joint fittings, and mechanical joint valves. The description for this bid item needs to be more specific as to the type of restraining device we are to bid by.

R8. See Addendum #1, Q1.

Q9. Please provide the volume of flow at peak and low times as well as the design TDH for Lift Station 14-A.

R9. Design flow and TDH for LS 14-A (existing discharge location) is 1,400 gpm at 47 feet (low head condition), 1,295 gpm at 51 feet (typical head condition), 1,200 gpm @ 54 feet (high head condition). Estimated Inflows: Low 150 gpm, ADF 633 gpm, peak hour 1,933 gpm.

Q10. Reference specifications Section 01150, page 6/10, BID ITEM NO. 12: 2” WATER SERVICES, sixth sentence, this sentence tells us we are to include cost for a “complete meter assembly and yoke”, but it also tells us we are to include costs for “removal and reinstallation of meters”, what are we doing, furnishing a new meter or reinstalling the existing meter?

R10. Reinstall existing meter.

Q11. With regard to Bid Item No. 12, 2” WATER SERVICES, the service for Lift Station 14-A will need to be installed under Whitfield Avenue roadway, the reference to “directional drilling” in the Measurement and Payment bid item description for this item, is this for installing the casing pipe for the 2-inch service pipe to be installed inside of? If so, what size casing pipe and will HDPE pipe be allowed for casing pipe?

R11. The intent is for the new 2” PE service line under Whitfield Ave to be installed within a 3” HDPE casing installed by open cut or directional drill.

Q12. With regard to the 2-inch service pipe for Lift Station 14-A, since this pipe will be installed inside of a casing, will DR-9 HDPE pipe be allowed for use or will the service pipe have to be copper?

R12. DR-9 can be used.

Q13. Please provide more detail for the 2-Inch meter for the water services.

R13. See Q12. Please refer the Public Works Standards Part1. Utilities Standards Manual UW-14

Q14. Where is the discharge point for tanker trucks to unload raw sewage during the shut down of Lift Station 14-A?

R14. MLS 13-A (RTU408)

Q15. Reference plan sheet C12, the note in profile view that reads “EX. 8” PVC FM (RELOCATE FM AS NECESSARY TO ACHIEVE REQUIRED VERTICAL SEPARATION FROM SD”, please provide more information about this force main ie. where is the nearest valve to shut the line down, can the force main be shut down and if so for how long, and how is the Contractor to be paid for this work? Please add a bid item and a description for the scope of work in the Measurement and Payment Section of the specifications.

R15. The 8” PVC Lockheed Martin FM can be shut down for 24-hours with one-week advanced notice. The location of the nearest upstream valve is unknown. Cost associated with the potential need for 8” PVC FM relocation shall be included as part of Bid Item #9.

Q16. Where is the nearest in line downstream valve from the pump station on the existing 14-A force main and has the valve been exercised and deemed operable?

R16. There currently is not an existing valve downstream from lift station. The current FM terminates into a gravity manhole at 69th Avenue and 9th Street East.

Q17. Please add a bid item for Maintenance of Traffic.

R17. See Addendum #1, Appendix K Bid Pricing Form Revised.

Q18. Reference Bid Form, Bid Item 25, Water Main Replacement, how long can the existing 6-inch water main be shut down in order to install the new pipe in the same location and has the necessary valves been exercised to accomplish a shut down?

R18. The existing valve on the west side of the water main replacement has not been exercised in about one year. As the basis for bidding assume the valve can isolate flow to support the shutdown. Work associated with the water main shall be limited to night work. The duration of shutdown should be 8 hours or less.

Q19. Reference bid form, Bid Item 18, Pavement Repair and Road Restoration, does this item include pavement restoration that will be needed at the water main pipe trench for Bid Item 25 and the restoration work that will be needed for Bid Item 14?

R19. Pavement repair and road restoration associated with Bid Item #14 shall be included in the lump sum amount. Pavement repair and road restoration associated with Bid Item #25 is to be included as part of Bid item 18 as indicated in the pay item description.

Q20. Is Bowlees Creek considered a navigable water way and subject to Longshoremen's Insurance?

R20. Bowlees Creek is considered a navigable waterway and therefore if any operations are to be undertaken on or about navigable waters, coverage must be included for the US Longshoremen & Harbor Workers Act Coverage and Jones Act Coverage.

Q21. Reference specifications Section 02620, page 3 / 3, par. 3.02, INSPECTION AND TESTING, second sentence, will pressure testing the 24-inch HDPE that will be used in Bid Item No. 4 as a casing pipe have to be pressure tested?

R21. No, HDPE used as casing pipe will not need to be pressure tested.

Q22. Is a GC license required to bid this project prime?

R22. See change to Appendix A, Minimum Qualifications.

Q23. Addendum 1, Response R8, please provide the size of the traffic loop to be replaced.

- R23. 1. Since the project construction will damage/affect the existing detection loops at the signalized intersections, based on Manatee County standards, non-intrusive vehicle detection shall be provided/maintained at the beginning of the project and maintain the detection at all times during the length of the project at all traffic signals.
- a. The Stop bar vehicle presence detection shall be Radar detection using Wavetronix Matrix Sensor at all locations.
 - b. In addition to stop bar presence detection, Advance Vehicle Detection shall be provided for all major street approaches. The Wavetronix SmartSensor Advance shall be used for advance vehicle detection.
2. Vehicle detection to be adjusted by the contractor to reflect the changes in traffic patterns with MOT phases.
3. Signal timings to be used during various MOT phases to be submitted to Manatee County Traffic Engineering (Attn: Vishal Kakkad, vishal.kakkad@mymanatee.org) at least a week before implementation for review and approval.
4. Contractor is responsible to make necessary signal head adjustments necessary during MOT phasing. The plan showing required adjustments to be submitted to Manatee County Traffic Engineering at least a week before implementation for review and approval.

5. Above work shall be provided as part of Bid Item #27

Q24. Addendum 1, Response R9, the question asked is a good one and it will be necessary to string the by-pass piping in an east to west direction in the center of 63rd Avenue East in order to do the rehabilitation work to the existing manhole in the intersection and as a result will not allow through traffic on 9th Street East and or allow traffic to make right or left turns from either roadway. The County needs to give this issue more thought and perhaps work with the Contractors and provide a maintenance of traffic plan for this issue for all perspective bidders to bid by. The entire intersection will be impacted by what needs to be done in order to rehabilitate the manhole.

R24. The contractor shall develop their bypass plan and maintenance of traffic plan based on their means and methods with the goal of minimizing impact to the intersection and submit the proposed plans for review. It is anticipated that flow entering the manhole at the intersection of 63rd Avenue East and 9th Street East from the existing FM will be diverted to MLS 13-A upon completion of the proposed force main and prior to manhole rehabilitation. Diversion of existing gravity flows may be accomplished using multiple potential methods such as but not limited to flow through plugs, by-pass pumps and piping or a combination thereof.

NOTE:

Items that are ~~struck through~~ are deleted. Items that are underlined have been added or changed. All other terms and conditions remain as stated in the IFBC.

INSTRUCTIONS:

Receipt of this Addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

END OF ADDENDUM

AUTHORIZED FOR RELEASE