

August 21, 2020

TO: All Bidders under Invitation to Bid No. 20-101226

FROM: Department of Purchasing and Contracting, DeKalb County, Georgia

ADDENDUM NO. 5

Invitation to Bid (ITB) 20-101226 Norris Reserve Sewer Force Main Reroute is hereby amended as follows:

A. It is **MANDATORY** that the bidder acknowledges Addendum No. 5.

B. Modification to the Bid.

1. **Exhibit No. 1 Construction Drawings (Revised June 25, 2020), Drawing No. C-9.0.** Delete in its entirety and replace with the following:

(Revised August 21, 2020) Drawing No. C-9.0

2. **Exhibit 2 Technical Specifications.** Revised to add the following:

a. **SECTION 02420 - PRECAST POLYMER CONCRETE STRUCTURES**

b. **SECTION 02604 - MANHOLE REHABILITATION**

C. We have received additional questions pertaining to this Invitation. The additional questions and their resulting answers appear below:

1. Question: The plans show approximately 3,114 LF of 8" DIP but the bid item is for 3,380 LF. Are there additional locations of DIP required that aren't shown or is this just additional if needed?

Answer: Yes. Wuantities beyond that shown on plans should be considered additional if needed, however Contractor shall only be paid for length installed.

2. Question: There is a bid item for polywrap. Is all DIP to be polywrapped?

Answer: All DIP is to be polywrapped.

3. Question: Is it correct that the contractor is to provide and pay for the testing agency for all required compaction and concrete tests on the project?

Answer: Yes, the Contractor is to provide and pay for all required testing. Testing should be included in the unit price of the pipeline installation.

4. Question: Measurement and payment for 8” DIP states that excavation is unclassified but there is also a pay item for rock excavation. Will the trench rock be paid for per the pay item when encountered?
Answer: Yes, the trench rock will be paid for per the pay item when encountered.

5. Question: Is it correct that the pay width for trench rock of 8” DIP is only 32” wide, even though a trench box for safe entry will be 4-5’ wide?
Answer: The pay width shall be the trench box width.

6. Question: When the force main crossed Riverlake Way, is it correct that the pay width of the trench patch is 56” which includes the 1’ cut back on each side of the trench as shown in the detail on SD-3.0?
Answer: The pay width for Riverlake Way shall be the trench box width plus 2 feet.

7. Question: Section 01550.3.05 stats that a uniformed police officer is required when work encroaches on public traffic lanes. Will an officer be required when open cut crossing Riverlake Way? Does this also apply to flagging for new manhole at Stonebridge Park Circle?
Answer: An officer will not be required for Riverlake Way or Stonebridge Park Circle.

8. Question: What is the bedding and backfill requirement of the new 8” DIP force main? Are we to utilize Detail 6 or 7 on Sheet SD-2.0 which show Class A and Class B Bedding. Both of those details show #57 stone to the spring line of the pipe. On sheet SD-3.0 detail 6 the notes call for crusher run to be used as bedding and backfill to 12” over the top of the pipe of the force main, and if in paved areas, crusher run to for the entire backfill up to paving subgrade. Please clarify what the bedding and backfill requirements will be.
Answer: Yes. Detail 7 in the plan is showing the detail of bedding and backfill.

9. Question: Is the flowable fill required around the HDPE slip lined pipe paid for with pay item 1.38 (Grouting Existing FM) or is it to be included in the HDPE pay item?
Answer: The cost of flowable fill is to be included under Pay Item 1.38

10. Question: Pay item 1.38, Grouting Existing FM, is for 8,700 LF, but there is only 5,220 LF shown on the plans. Where is the additional 3,000 LF located? How will the contractor be compensated for erosion control, accessing the line, excavation, and restoration?
Answer: Additional quantities should be considered additional if needed and with approval from the County. Erosion control will be compensated in accordance with pay item 1.25 to 1.37. Payment for accessing the line, excavation and restoration shall be included in the cost of pay item 1.1.

11. Question: The plug valves at the Yellow River crossing call for 6' diameter manholes. Will these manholes be paid for under the access manhole item?
Answer: No, the manholes for plug valves at the Yellow River have been replaced with valve boxes.

12. Question: The air-vac valves calls for an access manhole. Will this manhole pay under the access manhole item?
Answer: No. Access manholes shall be included in the cost of the air release valve assembly.

13. Question: Is the cast-in-place concrete pay item used to pay for the concrete thrust block, collars, and concrete encasement associated with the new 8" Force Main?
Answer: Yes, the cast-in-place concrete pay item is used to pay for the concrete thrust block, collars, and concrete encasement associated with the new 8" Force Main.

14. Question: Is the existing 24" force main that is being slip lined currently in use?
Answer: No, the existing 24" force main that is being slip lined is not currently in use.

15. Question: The note on the plan sheets says that the 24" force main is to be cleaned before installing the 8" HDPE. What are the extents of the cleaning, just the areas being lined or the entire 24" force main that is not shown on the plans?
Answer: The extents of the cleaning are limited to the area to be slip-lined.

16. Question: Sheet C-9.0 has two different vertical scales with different elevations on the profile view. Can a clean version of this sheet be provided so we can verify depths?
Answer: Yes. Please refer to the above listed Modification to the Bid No. 1.

17. Question: On sheet C-9.0 the plan view shows a 45-degree bend at 77+66 and the profile at this location shows an 11.25 and 22.5 degree bend, which of these is correct? Can the contractor utilize what is necessary instead of what is called out?
Answer: The degree bend 11.25 and 22.5 is correct. Any changes from the design plan shall be approved by the engineer prior to the installation. Please refer to the above listed Modification to the Bid No. 1.

18. Question: There is a bid item for removing bends on the existing 24" force main. The plans only identify 4 fittings that are near two access manholes on sheet C-5.0. Are those the only ones required to be removed? Are there others that are required to be removed that are not shown on the plans?
Answer: Not all bends have been identified and shown in plans. The contractor shall remove bends not shown on plans as required to accomplish slip lining with the approval of the County.

19. Question: Please clarify the flow directions of the force main we are connecting to and the sanitary sewer we are tying into.
- The force main connection at 0+00 has arrows on the line that indicate it is flowing south, away from the tie in location, but that cannot be correct.
 - The sanitary connection at 83+04 has a new manhole over the existing line. Which way is the line flowing north (bottom of the page) or south (top of the page)? The southern manhole shows three lines entering and the flow continuing south. The northern manhole shows three lines entering and the flow continuing north.

Answer:

- Flow arrows shown near station 0+00 are reversed from the actual direction.
- Flow from manhole connection at 83+04 is south (towards top of page).

20. Question: Is there a specification for the slip lining operation?

Answer: There is no specification section for slip lining.

21. Question: Where is the force main to be located within the ROW of Riverlake Way? The plan shows the line on the back edge of the ROW, but the profile has the FM at 8-9' deep across the front of 4328 and 4316 Riverlake Way and the erosion plans call for a double row of silt fence. This would push the line at least 5 feet off the edge of ROW and possibly conflict with other underground utilities.

Answer: Pipeline is located between back of curb and right of way. Location of other utilities to be confirmed prior to installation with adjustment as required.

22. Question: Is tree save fencing going to be required in the off-road sections of the pipeline where silt fence is not on both sides of the easement? Will a pay item be added for this?

Answer: No, tree save fencing is not being required in the off-road section, therefore there is no payment for this item.

23. Question: Is the DIP force main required to be P401 coated?

Answer: Yes, the DIP force main is required to be P401 coated.

24. Question: What are the specs for the polymer concrete manhole at the tie in location? Is this paid for by the 4' manhole item? If it is over 10' deep will an item be added to pay for the additional vertical footage?

Answer: Yes, polymer concrete manholes at the tie location is paid for by the 4' manhole item. No additional payment shall be made for additional vertical footage if over 10' deep. Please also refer to the above listed Modification to the Bid No. 2, a.

25. Question: The existing manhole south of the new doghouse manhole on Sheet C-9.0 calls for an epoxy coating. What is the spec for lining this manhole and how is this paid for?

Answer: Specification section 02604 Manhole Rehabilitation has been added for epoxy coating. The cost of epoxy coating shall be included in the cost of manhole. Please also refer to the above listed Modification to the Bid No. 2, b.

26. Question: I was wondering if there is an Engineer's estimated value establish for the project describe in the subject line?

Answer: The owner has opted not to publish the Engineer's estimate prior to bid opening.

27. Question: Will the 24" bends that are to be installed on the existing line be paid under Ductile Iron Fittings?

Answer: Yes, the 24" bends that are to be installed on the existing line will be paid under Ductile Iron Fittings.

28. Question: Bid Item 1.03 Ductile Iron Fittings: Please specify whether normal or compact fitting weights will be used for payment.

Answer: Normal fitting weights will be used for payment.

29. Question: Bid Item 1.03 6-Foot Diameter Access Manholes:

- a. The bid quantity is Six, but there are Seven access manholes on the plans.
- b. There are also two additional 6-foot diameter manholes on sheet C2.0 at the plug valves. Should these be included with the cost of the plug valves?
- c. Do these access manholes require coating?

Answer:

- a. There are 6 access only manholes. The others are for temporary access to be replaced with Air Release Valve assemblies which include a manhole/vault.
- b. The manholes at the plug valve locations have been replaced with valve boxes. Refer to Addendum No. 1, (*Revised June 25, 2020*) Exhibit No. 1 - *Construction Drawing*.
- c. Access manholes do not require coatings.

30. Question: Bid Item 1.07 Trenchless Technology:

- a. Since the County agreed that the method of the bore at the Yellow River could be determined by the Contractor, would it be possible to separate the highway bore and the Yellow River bore into 2 separate bid items?
- b. The casing thickness is specified as 0.25" for the bore under Rock Chapel Road. I believe that the DOT will require 0.375". Please advise.

Answer:

- a. No, Contractor should bid as one-unit price inclusive of all methods
- b. Casing thickness shall be 0.50-in for Yellow River Crossing and 0.375-in for roadway crossings.

31. Question: The following bid items are not shown on the plans. This makes it difficult to price not knowing where or at how many locations the work will be done:
- a. Bid Item 1.08 25mm Superpave, Permanent Asphalt Replacement – 450 sy
 - b. Bid Item 1.09 Concrete Base or Pavement Replacement – 450 sy
 - c. Bid Item 1.10 Remove and Replace Curb and Gutter – 1,200 lf
 - i. The quantity seems excessive.
 - ii. No curb details were provided.
 - iii. I assume that this bid items covers any type or size of curb and gutter.
 - d. Bid Item 1.19 Cast in Place Concrete – 180 cy
 - e. Bid Item 1.21 Milling Existing Pavement – 200 sy
 - f. Bid Item 1.22 Pavement Overlay – 500 sy
 - g. Bid Item 1.23 Remove and Replace Asphalt Driveway – 1,200 sy
 - i. The quantity seems excessive.
 - h. Bid Item 1.24 Remove and Replace Concrete Driveway – 800 sy
 - i. The quantity seems excessive.
 - i. Bid Item 1.26 Traffic Stripe – 5,000 lf
 - i. The quantity seems excessive.
 - ii. M&P says stripes of any size, and type. I assume this will have to be priced as thermo stop bars in that case. Would you want to clarify this item?
 - j. Bid Item 1.40a Remove and Replace Culvert Pipe 24”-36” CMP – 100 lf
 - k. Bid Item 1.40b Remove and Replace Culvert Pipe 24”-36” Concrete – 200 lf
 - l. Bid Item 1.42 Remove and Replace Guardrail – 1,200 lf
 - i. The quantity seems excessive
 - ii. M&P states that the guardrail will be replaced using the current GDOT standard.
 - iii. Guardrail installation requires drawings showing the locations and lengths. It also requires details of the rail and the anchors. No plans or details were provided.
 - m. Bid Item 1.43 Sodding – 4,000 sy
 - n. Bid Item 1.48 Remove and Replace Headwall 24”-36” – 3 ea
 - o. Bid Item 1.52 Remove Existing 24” bends – 12 ea
 - p. Bid Item 1.53 Remove Existing 24” Gate Valve – 2 ea

Answer: These items are primarily intended for restoration in kind to be paid based upon the extent of the restoration required.

32. Question: Drawing SD-1.0 Detail 2 Air & Vacuum Release Valve: Note #4 calls for a French Drain. Please provide the length and extent of these French drains.

Answer: The length varies per location and should extend from the valve vault to the road right of way.

33. Question: Ductile Iron Pipe – Please verify whether or not the pipe is to be P401 lined.

Answer: Yes, all DIP is to be P401 lined.

Addendum No. 5

ITB No. 20-101226

Norris Reserve Sewer Force Main Reroute

34. Question: HDPE Pipe – Please verify if DR11 IPS HDPE pipe is to be used.

Answer: Yes, HDPE pipe shall be DR11 IPS.

- D. It is the responsibility of each bidder to ensure that he is aware of all addenda issued under this ITB. It is **MANDATORY** that this addendum be signed and returned. You may call Cornell Brown, Procurement Agent, at (404) 687-3949 or send an email to cbrown1@dekalbcountyga.gov before the bids are due to confirm the number of addenda issued.
- E. All other conditions remain in full force and effect.

Cornell Brown
Procurement Agent
Department of Purchasing and Contracting

ACKNOWLEDGMENT

Date: _____

The above Addendum No. 5 is hereby acknowledged:

(NAME OF BIDDER)

(Signature)

(Title)