

ARLINGTON COUNTY, VIRGINIA
OFFICE OF THE PURCHASING AGENT

INVITATION TO BID NO. 21-DES-ITB-298 Repair and Upgrade Watermain at Key Boulevard

ADDENDUM NO. 2

Arlington County Invitation to Bid Number 21-DES-ITB-298 for Repair and Upgrade Watermain at Key Boulevard is **amended** as follows:

1. The bid due date and time has been **changed** from November 12, 2020, 3:00 P.M. to **November 20, 2020, 3:00 P.M.**

The following are answers responses to the questions received in response to the above referenced ITB:

1. Question: Per Add. No. 1 excel pricing sheet there are no longer items for abandonment 3200LF & removal of existing water main 280LF. Please confirm or advise.

Answer: Abandoning of existing water mains (all sizes/ all locations) and removing existing water main (all sizes/ all locations) shall be considered incidental. No separate payment will be made. Please refer ITB 21-DES-ITB-298, Attachment C, Special Conditions, paragraph 19, Other Special Provisions C.

2. Question: Questions 1-A through 1-C Reference plan pages C051.1 through C051.8 and water line specification section 02550, paragraphs 2.2-A & 2.3-B: The plans and profiles don't show any areas requiring restrained pipe. Paragraph 2.3-B indicates the Project Officer may direct installation of restrained pipe. Q 1-A; Can restrained pipe areas (if any) be shown on the plans prior to the bid? Q 1-B: Is it possible all pipe for this job is to be restrained pipe? Q 1-C: If restrained joint pipe is required, in lieu of MJ DIP, is a manufacturer's restrained joint such as US Pipe's TR Flex restrained joint acceptable? Question 2 Reference Specification Sections 02550, Paragraphs 2.9-A & 2.10-C: Paragraph 2.9-A indicates Arlington County supplies the meter service materials. 2.10-C indicates the contractor supplies the meter service materials. Could you please confirm if 2.9-A, or 2.10-C prevails?

Answer:

1A, 1B: Thrust restraint is incidental to the water main pay item. See Attachment K – "Length of Restraint Joint" included with addendum no 2 that shows required restraint length for ductile iron pipe. All water main joints including all tees, bends, caps, plugs, valves, fire hydrant etc. shall be restrained using Megalug, TR-Flex or approved equal. See construction note # 4 on plan Sheet # C051.1 through C051.6 with regards to joint restraints and thrust blocks.

1C: -Restrained joint pipe is required. As stated above it shall be restrained using Megalug, TR-Flex or approved equal.

2: For water meters installed as part of this contract, the taps, pipe fittings, meter box and accessories from the water main to the existing building service line including reconnection to the private property, shall be furnished and installed by the Contractor. Water meters will be provided by the County. Please refer Arlington County DES Construction Standards and Specifications 2020, Section 02550 Water mains and Appurtenances, 3.4 Construction Standards, Section E. Water Service Connections # 2) and Arlington County Standard Detail # W-8.0

3. Question: Project No. R076 RFI 1. Attachment A Pricing Sheet. C3 Master Item 02600-C#-00030 & Item 02600-C3-00060. Are these the anticipated quantities? These quantities are not nearly enough for restoration of the pavement per the drawings, specifications and details. 2. Attachment A Pricing Sheet. C3 Master Item 02600-C#-00030 & Item 02600-C3-00060. Re question 1 above. If we are to assume that pavement restoration is incidental to the contract, what work do these quantities represent? 3. Are existing water line pipes that are to be capped and abandoned in place to be left as is with no fill inside the pipes? 4. Sheet C051.9 Watermain Connection Table. What would be the method of restraint/blocking for all of the connections to existing that are not connected via Tapping Sleeve & Valve? There are no details or instructions for "pre-pouring" concrete thrust blocks or restrained joints. We are assuming these connections will be made within the time frame of an 8 hour shut down which would not allow the typical concrete to cure to an adequate strength before the water is turned on and pressure is applied. 5. Sheet C051.9 Watermain Connection Table. Re question 4 above. If methods of restraint or blocking are not forthcoming are we to assume we will be using outside designs for the restraint or blocking and how can we be assured that our designs will be approved.

Answer:

1 and 2: Quantities mentioned on C3 are for full depth pavement restoration for curb and gutters (not for pipe trench excavation). Pavement restoration for pipe trench is incidental to water main line item. No separate payment will be made.

3: Existing water line pipes that are to be capped and abandoned in place to be left as is with no fill inside the pipes. Please refer Arlington County DES Construction Standards and Specifications 2020, Section 02550 Water mains and Appurtenances, 3.4 F Abandoning Existing Water Main.

4: Please refer Arlington County DES Standard Details 2020, W-2.0, W-2.1, W-2.2, W-2.3, W-2.4 and W-3.0 for Concrete Thrust Blocks for Horizontal Bends, Vertical Bends, Tees and Caps, Inserted Valves and Restrained Joint Detail.

Please refer Arlington County DES Construction Standards and Specifications 2020, Section 02550 Water mains and Appurtenances, 3.4 B. Connection to existing mains. As stated, contractor shall use high early strength concrete for reaction backing so that the connection can be made as soon as possible.

5: See responses above for the methods of restraints and blocking and details

4. Question: Are there any minimum wage rates to be used in this project? If affirmative, please provide them. - Who is responsible for doing the stakeout in this project? Under which item is this going to get paid for? Are as-builts required for this project? - Is the General Contractor required to perform a minimum amount of work with its own forces for this project? - Do you expect any work to be performed during nighttime? What percentage? - ITB Table of Contents lists Attachment E – Land Disturbance Activity Permit 8478. This attachment was not included in the ITB. Please provide/clarify. - There are bid items that indicate ‘(>6’ Deep)’. There is no way to price them without knowing the limits or maximum depth. Please provide them and revise your bid schedule. - Please provide geotechnical report/soil borings for this project. - Is there any rock excavation? How are you going to pay for it? - Are all the insurance requirements listed for this project on ITB Bid Form, Page 9 of 9 correct? Please revise/advise. - How are items Abandon Existing Water Main (All sizes and depths) and Remove Existing Water Main (All sizes and depths) deleted from the pricing sheet going to be paid?

Answer:

- There are no minimum wages requirements for this project.
- The contractor is responsible for the stakeout of the project. It shall be considered incidental to the work and no separate payment shall be made. Please refer ITB 21-DES-ITB-298, Attachment C, Special Conditions, paragraph 6, Stakeout and cut-sheets, for the requirements and payment information.
- As-builts are required for the project. Please refer Arlington County DES Construction Standards and Specifications 2020, Section 02550 Water mains and Appurtenances, 3.3 A. Minimum requirement for As-Built Plan and Section 01720 Project As-Built Drawings.
- No minimum amount of work required by General Contractor to use its own force.
- We do not anticipate any work to be performed at night.
- LDA permit is attached with this addendum #2. See attachment E.
- Watermain Profile views on Sheet # C051.1 through C051.8 shows the depths (up to 6’ or > 6’) at which the proposed water main will be installed.
- Attachment H shows the Test pit reports. Geotech report/Soil borings not done for this project. If rock is encountered during excavation it will be paid per the stipulated price item on the bid form.
- Yes, for insurance requirements, check ITB bid form Page 9 of 9.
- Please look at the response to question # 1 above for abandoning of existing water mains (all sizes/ all locations) and removing existing water main (all sizes/ all locations) and how it will be paid.

The balance of the solicitation remains unchanged.

Arlington County, Virginia

Sy Gezachew

Procurement Officer

RETURN THIS PAGE, FULLY COMPLETED AND SIGNED, WITH YOUR BID:

BIDDER ACKNOWLEDGES RECEIPT OF ADDENDUM NUMBER 2

FIRM NAME: _____

AUTHORIZED

SIGNATURE: _____ **DATE:** _____