



CITY OF ROCKVILLE
ROCKVILLE, MARYLAND

Addendum #2
Invitation for Bid (IFB) No. 01-22
WATER MAIN REHABILITATION PROGRAM, WATER METER REPLACEMENT
AND EMERGENCY UTILITY REPAIRS

December 28, 2022

ATTENTION ALL BIDDERS:

The following addendum is being issued to amend and clarify certain information contained in the above named IFB. All information contained herein is binding on all Bidders who respond to this IFB. Specific parts of the IFB have been amended. Bidders are required to acknowledge receipt of the addendum by signing in the appropriate space at the end of the addendum. Failure to do so may subject your bid to disqualification. No provided answer to a question may in and of itself change any requirement of the IFB. The following revisions /deletions / additions are listed below; new language has been double underlined and marked in red bold (ex: **new language**) and language deleted has been marked with a double strikeout (ex. ~~language deleted~~).

QUESTIONS & ANSWERS

WATER MAIN REHABILITATION BIDDER QUESTIONS (*italics*) + CITY RESPONSES (red)

- 1. Provide Pre-bid meeting minutes.*
Meeting minutes were not recorded for the non-mandatory virtual pre-bid.
- 2. Please provide itemized bid tabulations for recently awarded/performed contracts similar to the subject contract.*
The link to the previous solicitation's bid tabulation can be found here:
<https://www.rockvillemd.gov/DocumentCenter/View/12197/IFB-44-15-TAB?bidId=>
- 3. Is this contract going to be awarded to one general contractor or several ones?*
Bid award information can be found on Page 7 of the solicitation.
- 4. How many work locations will the contractor be allowed to work at the same time?*
For Part A (Water Main Rehabilitation), the Water Main Rehabilitation project is a sustainable program with the goal of replacing 1% (1.7 miles) of the City's water mains every year. In order to accomplish this goal, the contractor(s) may need to have multiple projects under construction at one time. The number of streets under construction at one time is not limited however coordination with Public Works will be required in order to ensure there is sufficient availability of City inspectors.
- 5. Is there an MFD-V requirement for this project?*
There is not an MFD-V requirement for this project

6. *Are there any working hour restrictions for this IFB?*

Normal working hours for Water Main Rehab are from 7:00 a.m. to 5:00 p.m., Monday through Friday. Working outside of these hours must first be approved by the City.

7. *Do you anticipate any weekend/night work on this project? What percentage?*

For Part A (Water Main rehabilitation) the vast majority of the pipe replacement work will be performed during normal working hours. There could be occurrences such as valve installations, main line tie-ins or water system shutdowns that negatively impact businesses, schools, or daycare facilities. These short-term activities may require after hour installations. There are no nighttime projects planned.

Part B (Water Meter Replacement) normal working hours are from 7:00 a.m. to 5:00 p.m., Monday through Friday. Weekend and night work would be limited to when shutdowns are required that would not be able to be performed during normal working hours. These are incidents where a school for example may be impacted by a shutdown. Any other need to work nights or weekends would require approval from the city.

For Part C (Emergency Utility Repairs) there are no limits on work hours.

8. *There is an Item for Test Pits – Water Service Line only. Provide an Item for Test Pits required for any other item on this project.*

For Part A (Water Main Rehabilitation), the intent of contingent Pay Item #17 (test pits) is to determine the material of water house connections to support EPA's Lead and Copper Rule Revision. Test pitting of utilities to support construction of water main rehabilitation projects is incidental to the appropriate pay item and is not reimbursable.

No test pitting is anticipated for Part B (Water Meter Replacement).

For Part C (Emergency Utility Repairs) test pitting would be considered incidental to the work.

9. *Provide an Item for Bituminous Base Course. Provide depth and asphalt mix to be used for the Base Course as shown in Detail 60 – Pipe Trench Detail.*

For this contract, the pavement restoration within roadways will be full-depth Graded Aggregate Base (GAB) with the 12.5 mm HMA Superpave surface course installed in two 3-inch lifts.

10. *Provide items for pipe removal and abandonment and specifications for payment.*

For Part A (Water Main Rehabilitation), the vast majority of the water main projects will follow the existing pipe alignment, therefore the old pipes will be removed. Removal of the old mains in the same trench is incidental to the appropriate pay item. Should a new preferred alignment be designed outside of the existing trench, the existing main shall be cut, capped and left in place. If the City chooses to abandon the pipe in place with flowable fill, a change order will be negotiated.

For Part B (Water Meter Replacement) the vast majority of water meters will be replaced in the same location without removal of the old water service line. If the old water service line fails current design standards, it will be removed and replaced in the same location.

For Part C (Emergency Utility Repairs), there is no separate pay item for pipe removal or abandonment. These expenses are incidental and should be included in the unit cost of Dig and repair utility in street or pavement (Pay Items 2a-2c) or Dig and repair utility in off road, easement or park area (Pay Items 3a-3c).

11. *How is rock removal going to be paid if it is encountered during excavation?*

All excavation is unclassified and incidental to the appropriate pay item.

12. *Provide geotechnical reports for this project.*

There are no geotechnical reports available for this project.

13. *Please list any permits that the general contractor is responsible to obtain. Include costs and how the City plans to pay for them.*

The contractor is not responsible for obtaining or paying for permits. Should a permit be required, the City will obtain the permit and the contractor will be responsible for complying with the permit conditions.

14. *Is there any clearing and grubbing? How are you planning to pay for it?*

Requirements for clearing and grubbing are included in the Technical Specifications. For Part A (Water Main Rehabilitation), the vast majority of the projects will occur within City roadways. Should situations arise where clearing and grubbing is needed, the cost is incidental and should be included in the appropriate pay item.

For Part B (Water Meter Replacement), the vast majority of the projects will be meter replacement only. Should water service line replacement be required, where clearing and grubbing is needed, the cost is incidental and should be included in the appropriate pay item.

For Part C (Emergency Utility Repairs), Pay Items 2 and 3 discuss specifications for clearing and grubbing.

15. *Provide/Specify Backfill Material for the Pipe Embedment Zone (not specified on Details 60 and M8.1a).*

See response to Question #9.

16. *IFB page 46 of 229 states "All trench backfill in grass areas shall meet the requirements of MD SHA, Section 916, for Common Borrow". Provide an Item for Common Borrow.*

Trench backfill outside of paved (vehicular) areas is incidental to the appropriate pay item.

17. *In Appendix A – 5 year, the pipe dimensions are not provided. Can you please indicate the main size for each location so the contractor can estimate upfront the material that is required to be stored per year?*

Refer to Clarification #1

18. *Pay Items: 1a and 1b have a range of sizes. Taking into consideration that the size of the material will significantly affect the cost, will the City provide statistics of anticipated installations based on size so the Contractor may price correctly?*

Refer to Clarification #1

19. *Pay Items: 1a and 1b have a range of sizes. Taking into consideration that the size of the material will significantly affect the cost, will the City of Rockville consider providing separate paid items per diameter?*

Refer to Clarification #1

20. *Is the City going to pay for the stockpiled materials mentioned in SECTION III: SPECIAL PROVISIONS? If so, what are the requisites for the payment application?*

Refer to Clarification #1

21. *How is the City going to pay for the initial cost of purchasing 1.7 miles of materials to be stored?*

The City will only pay for water main material after installation. Also refer to Clarification #1.

22. *Is the City going to pay interest or escalation of cost of materials stored onsite?*

Refer to Clarification #1.

23. *Per SECTION III: SPECIAL PROVISIONS, the contractor is responsible for leasing/renting a local storage area within 30 miles of the Rockville City Hall and storage of 1.7 miles worth of "material"; however, it states the City will only reimburse for installed materials. Being that the City intends for the storage of materials to be incidental, how will the contractor be reimbursed for unused materials and the storage of those materials if it is unknown what we need to use?*

Refer to Clarification #1.

24. *Per SECTION III: SPECIAL PROVISIONS, the contractor is responsible for leasing/renting a local storage area within 30 miles of the Rockville City Hall and storage of 1.7 miles worth of "material". Please provide a detailed list of the material including quantities/sizes that the contractor is required to store at this facility.*

Refer to Clarification #1.

25. *For the HMA restoration all Items state, "Furnish and Install 6.0-inch Hot Mix Asphalt (HMA) Surface Course (12.5mm)", we need clarification. Is the intent to have all 6 inches done with a 12.5MM Surface mix or is the total depth 6" inches being composed of a 4" Base material (TBD) and 2" 12.5 MM for Surface? This question affects items # 7 on table A and # 6 on table B.*

See response to Question #9 above.

26. *The contractor pre qualifications states that the Contractor shall have three project that have PCCP installed and provide two references for this type of work, Our Company has done some PCCP work but not where the projects center around PCCP work , Can this prequalification be reviewed an possibly be reduced , In the past four years it has been noted that PCCP work is not abundant in the DC Metro Area. Pre-stressed concrete cylinder pipe experience is only needed for Part C (Emergency Utility Repairs). Rockville's most critical pipeline is the 24-inch PCCP water transmission main of which the City has about 10 miles in its inventory. Contractor(s) awarded a contract for Part C will need to demonstrate that they have experience with PCCP. PCCP experience is not needed for Parts A and B within Bid #01-22.*

27. *Can we please get the tabs from the previous bid for this?*

See response to Question #2.

28. *Will the City consider postponing the bid date until after the New Year, due to vacations and Holidays?*

The bid date has been extended to January 12, 2023.

29. *Please confirm if the contractor is eligible for a price adjustment prior to Dec. 31, 2024 as long as the request is per the CPI-U for the Washington DC Metro Area.*

The City requests pricing remain firm through 12/31/2024.

30. *Price Adjustments: What scenario will the Owner request a decrease adjustment from the contractor for any/all items?*

In the event the market rate for an item had decreased substantially the City may request a price adjustment.

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**SECTION III:
SPECIAL PROVISIONS**

STAGING AND STORAGE

The Contractor is responsible for locating temporary staging areas which shall be approved by the City. Clean-up of each staging area shall occur within 48 hours of removal of all stored materials. Contractor shall cover topsoil, stone, and aggregate stockpiles with tarps to prevent sedimentation of the street.

Submit a sketch (a marked up set of plans is acceptable) and brief description for approval by the Chief, Construction Management showing the location of equipment and materials, location of portable sanitary toilet, and means and methods to protect pedestrians and existing public facilities (including trees) within the area as shown on the plans. This plan may have to be approved by the City Forester, if any grassed or tree areas will be utilized.

There shall be no payment for this work. Staging, storage and associated sediment control shall be considered incidental to the appropriate pay item.

~~Contractor to lease or rent a local storage area within 30 miles of Rockville City Hall for water main rehab material. Contractor shall procure and store sufficient material to construct at least 1.7 miles per year. The cost for the yard, security and material weather protection shall be incidental to the cost of the appropriate water main rehab pay item. Contractor will be reimbursed for only installed materials.~~

~~Contractor is responsible for water main material security and protection from the weather. Storage area should be secured and locked. Protection includes covering pipes and hydrants to protect against moisture such as a heavy-duty tarp. Additional protection includes storing valves, valve boxes, fittings, gaskets, corporations, bolt packs, etc. in a closed secured environment such as a shipping container.~~

~~The City reserves the right to inspect any materials while in storage or before installation. The City reserves the right to reject any material before installation.~~

Clarification #1

For each water main replacement project, the City will issue a purchase order and work authorization letter which shall be the official notice to proceed. The contractor is responsible for water main material ordering once the purchase order is issued. Water main materials will only be reimbursed after installed and approved by the City's Construction Management Division.

The city will not require the contractor to lease or rent a local storage areas for water main rehab material or procure 1.7 miles of material per year in advance of project authorization. (See Deletion Above)

The city will provide the contractor with a final, completed design along with a material list. Sample material lists have been included as part of this Clarification for reference. These material lists correspond to the design projects of Appendix L, Appendix M and Appendix N. Refer to page 54 of the IFB for instructions on procurement of material.

Clarification #2

Bidders are not required to bid on all three parts of the contract (Water Main Rehabilitation,

Water Meter Replacement, and Emergency Utility Repairs). The City reserves the right to make separate and/or multiple awards for each project, and as such will accept bids limited to individual parts of the contract.

Revision #1

Replace HD Waterworks on page 54 of the IFB with Core and Main.

Core and Main

2002 Bethel Rd.

Finksburg MD 21048

410-833-4300

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APPENDIX L
MATERIALS LIST

ELIZABETH WATER MAIN PROJECT

	MATERIAL	UNIT	EST. QTY
1	8" DIP Pressure Class 350	LF	1,241
2	6" DIP Pressure Class 350	LF	18
3	8" Restraining Pipe Gaskets	EA	56
4	6" Restraining Pipe Gaskets	EA	0
5	1" Copper Type K (reconnects)	LF	69
6	2" Copper Type K (reconnects)	LF	3
7	1" Copper Type K (full replacements)	LF	50
8	Fire Hydrants: 5-foot	EA	2
9	2 Piece sliding type Valve Box and Lid (Heavy Duty)	EA	8
10	8" Valves	EA	6
11	6" Valves	EA	2
12	8x8 Tee	EA	2
13	8X6 RED	EA	2
14	8x6 FHT	EA	2
15	8" 11.25 degree bend	EA	1
16	8" Solid Sleeve	EA	2
17	8" Meg-A-Lug w/ accessories	EA	30
18	6" Meg-A-Lug w/ accessories	EA	4
19	6" MJ Acc. Set (rubber, bolts only)	EA	2
20	1" Ball Corporation (Flare)	EA	25
21	2" Ball Corporation (Flare)	EA	1
22	5/8"x1" Angle Valve (Flare)	EA	2
23	3/4"x1" Reducer Fitting (Flare)	EA	23
24	PVC meter crock	EA	2
25	Meter crock frame	EA	2
26	Composite Lides	EA	26
27	V-Bio Wrap (500' Roll)	EA	3
28	Poly Tape	EA	7
29	8" Saddle for 2" Corp.	EA	1

APPENDIX M
MATERIALS LIST

MONTROSE COMMUNITY WATER
MAIN PROJECT

	MATERIAL	UNIT	EST. QTY
1	8" DIP Pressure Class 350	LF	3,873
2	6" DIP Pressure Class 350	LF	235
3	4" DIP Pressure Class 350	LF	134
4	8" Restraining Pipe Gaskets	EA	216
5	6" Restraining Pipe Gaskets	EA	14
6	4" Restraining Pipe Gaskets	EA	8
7	1" Copper Type K (reconnects)	LF	186
8	1" Copper Type K (full replacements)	LF	273
9	Fire Hydrants: 5-foot	EA	7
10	8" Valves	EA	20
11	6" Valves	EA	11
12	4" Valves	EA	1
13	8x8 Cross	EA	1
14	8x8 Tee	EA	3
15	8x6 Tee	EA	4
16	8x4 Tee	EA	1
17	8x6 FHT	EA	8
18	8" 45 degree bend	EA	4
19	8" 22.5 degree bend	EA	1
20	8" Solid Sleeve	EA	5
21	6" Solid Sleeve	EA	2
22	4" Cap	EA	1
23	8" Meg-A-Lug w/ accessories	EA	123
24	6" Meg-A-Lug w/ accessories	EA	5
25	4" Meg-A-Lug w/ accessories	EA	2
26	6" MJ Acc. Set (rubber, bolts only)	EA	7
27	2 Piece sliding type Valve Box and Lid He	EA	32
28	1" Ball Corporation (Flare)	EA	67
29	5/8"x1" Angle Valve (Flare)	EA	5
30	3/4"x1" Reducer Fitting (Flare)	EA	62
31	PVC meter crock	EA	5
32	Meter crock frame and cover	EA	5
33	4x1 Stainless Steel saddle	EA	3

APPENDIX N
MATERIALS LIST

**BENFIELD ROAD WATER MAIN
PROJECT**

	MATERIAL	UNIT	EST. QTY
1	8" DIP Pressure Class 350	LF	1,492
2	6" DIP Pressure Class 350	LF	44
3	4" DIP Pressure Class 350	LF	20
4	8" Restraining Pipe Gaskets	EA	83
5	6" Restraining Pipe Gaskets	EA	1
6	4" Restraining Pipe Gaskets	EA	0
7	1" Copper Type K (reconnects)	LF	114
8	1" Copper Type K (full replacements)	LF	34
9	Fire Hydrants: 5-foot	EA	2
10	8" Valves	EA	5
11	6" Valves	EA	2
12	4" Valves	EA	1
13	8 Tee	EA	1
14	8x4 Tee	EA	1
15	8x6 FHT	EA	2
16	8x6 Reducer	EA	1
17	8" Solid Sleeve	EA	2
18	6" Solid Sleeve	EA	1
19	4" Solid Sleeve	EA	1
20	8" Meg-A-Lug w/ accessories	EA	24
21	6" Meg-A-Lug w/ accessories	EA	7
22	4" Meg-A-Lug w/ accessories	EA	5
23	6" MJ Acc. Set (rubber, bolts only)	EA	2
24	2 Piece sliding type Valve Box and Lid He	EA	8
25	1" Ball Corporation (Flare)	EA	40
26	5/8"x1" Angle Valve (Flare)	EA	2
27	3/4"x1" Reducer Fitting (Flare)	EA	38
28	PVC meter crock	EA	2
29	Meter crock frame and cover	EA	2
30	Composite Lides	EA	40
31	V-Bio Wrap (500' Roll)	EA	4
32	Poly Tape	EA	8

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME IN THE INVITATION FOR BID (IFB).

Additionally, please be sure to submit all required forms with your bid per this addendum and the solicitation instructions.

ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 2 BY SIGNING BELOW AND RETURNING A COPY OF THE ADDENDUM WITH YOUR BID OR ACKNOWLEDGING IN YOUR BID.

ISSUED BY: TJ Ellison, PRINCIPAL BUYER, 12/28/2022

NAME OF BIDDER: _____

BID DUE DATE: 2:00 P.M. (ET), THURSDAY, JANUARY 12, 2023