**INVITATION TO BID 2023-02**
**CITY OF PARKER**
**WATER SYSTEM IMPROVEMENTS**
**CONSTRUCTION BID NO. DW030721**

**ADDENDUM NO. 3**
**REQUESTS FOR INFORMATION**
**Issued September 9, 2023**

Per Addendum No. 3, the Bid Due Date is scheduled for **2:00 p.m. CST** on **Thursday, September 14, 2023**. Bids will be publicly opened and read aloud at 5:30 p.m. CST at the City Public Hearing on Thursday, September 14, 2023.

**General Clarification on Bid Checklist and Construction Drawings:**

1. Under the Bid Checklist, Item No. 12, Appendix A through Appendix E of the FDEP Supplemental Conditions, refers to submitting the signed Appendix A, and initialing/dating all other Appendices attached certifying the Contractor has read and verifies that they are in compliance with these requirements.

2. Under the Bid Checklist, Item No. 13, MBE/WBE Certification, refers to submitting a copy of any MBE/WBE Certifications that the Contractor holds. If no MBE/WBE Certifications are held by the Contractor, this requirement can be omitted.

3. No new meters are proposed to be installed as part of this project. The Contractor shall connect services to the existing meters as detailed in the plans.

**The following modifications have been made to the Bidding Documents:**

***Modification No. 1.*** **Measurement and Payment Form**: Modifications throughout the form have been made with track changes for all insertions and deletions of text. Please **REMOVE** SECTION 01150 - MEASUREMENT AND PAYMENT in its entirety and **REPLACE** with the revised SECTION 01150 - MEASUREMENT AND PAYMENT (refer to ***Attachment A***).

***Modification No. 2.*** **Bid Form**: Modifications throughout the form have been made which are associated with the changes made to the Measurement and Payment form. Please **REMOVE** BID FORM in its entirety and **REPLACE** with the revised BID FORM (refer to ***Attachment B***).

***Modification No. 3.*** Minor modifications were made throughout the plan set which have been clouded in the revised Construction Drawings. Please **REMOVE** the Bid Construction Drawing Set in its entirety and **REPLACE** with the revised Bid Construction Drawing Set (refer to ***Attachment C***).

Sent to Registered Bidders: **September 9, 2023**
Posted to City's RFP Webpage: **September 11, 2023**

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**CITY OF PARKER**
**WATER SYSTEM IMPROVEMENTS**
**CONSTRUCTION BID NO. DW030721**

# ATTACHMENT A

## REVISED
## SECTION 01150
## MEASUREMENT & PAYMENT
### (IN ITS ENTIRETY)

**SECTION 01150**
**MEASUREMENT AND PAYMENT**

## PART 1 - SCOPE OF WORK

A. The scope of this section of the Contract Documents is to further define the items included in each Bid Item in the Bid Proposal section of these Specifications.

B. Payment will be made based on the specified items included in the description in this section for each bid item.

## 1.02 GENERAL

A. All Contract Prices included in the Bid Proposal section will be full compensation for all labor, materials, tools, equipment and incidentals necessary to complete the construction as shown on the drawings and/or as specified in the Contract Documents to be performed under this contract.

B. Actual quantities of each item bid on a unit price basis will be determined upon completion of the construction in the manner set up for each item in this section of the specifications.

C. Payment for all items listed in the Bid Form will constitute full compensation for all work shown and/or specified to be performed under this project.

## 1.03 ESTIMATED QUANTITIES

A. The quantities shown are approximate and are given only as a basis of calculation upon which the award of the Contract is to be made.

B. The OWNER/ENGINEER does not assume any responsibility for the final quantities, nor shall the CONTRACTOR claim misunderstanding because of such estimate of quantities.

C. Final payment will be made only for satisfactorily completed quantity of each item.

## 1.04 WORK OUTSIDE AUTHORIZED LIMITS

A. No payment will be made for work constructed outside the authorized limits of work.

## 1.05 MEASUREMENT STANDARDS

A. Unless otherwise specified for the particular items involved, all measurements of distance shall be taken horizontally or vertically.

## 1.06 AREA MEASUREMENTS

A. In the measurement of items to be paid for on the basis of area of finished work, the lengths and/or widths to be used in the calculations shall be the final dimensions measured along the surface of the completed work within the neat lines shown or designated.

## 1.07 LUMP SUM ITEMS

A. Where payment for items is shown to be paid on a lump sum basis, no separate payment will be made for any item of work required to complete the lump sum item.

B. Lump sum bid items shall be complete, tested and fully operable prior to request for final payment.

C. Measurement shall be based upon the ENGINEER's estimate of percent complete per partial payment period.

## 1.08 UNIT PRICE ITEM

A. Separate payment will be made for the items of work described herein and listed on the Bid Form.

B. 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.

## 1.09 OTHER PROVISIONS

A. No separate payment will be made for the following items and the cost of such work shall be included in the applicable pay items of work unless indicated otherwise in the individual bid item.

1. Sheeting and shoring.

2. Clearing, grubbing, and grading.

3. Replacement and/or repair of existing utilities damaged during construction.

4. Trench excavation, including necessary pavement removal, rock removal, muck removal and restoration unless a separate bid item is listed in the Bid Form.

5. Ditch and swale restoration.

6. Dewatering and disposal of surplus water, including permitting if required.

7. Bypass pumping.

8. Structural fill, backfill and grading.

9. Adjusting existing valve boxes, manhole frames and covers and other structures.

10. Foundation and borrow materials.

11. Placing system in operation.

12. Any material and equipment required to be installed and utilized for the tests.

13. Maintaining the existing quality of service during construction.

14. Appurtenant work as required for a complete and operable system.

B. Final payment shall not be requested by the CONTRACTOR or made by the OWNER until record drawings have been submitted to the ENGINEER.

**PART 2 - PRODUCTS (NOT APPLICABLE)**

**PART 3 - EXECUTION**

**3.01 BASE BID**

A. BID ITEM 1 - MOBILIZATION/DEMOBILIZATION

1. Payment for all work included under this bid item will be made at the lump sum price bid for mobilization and demobilization of all labor, equipment, materials, and appurtenances necessary for construction of the project.

2. Mobilization shall include all those operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site and for the establishment of temporary offices, buildings, safety equipment and first aid supplies, and sanitary and other facilities.

3. Also included as part of this bid item is the cost for project indemnifications, video and photographs, shop drawings, working drawings, layout by a PLS, schedules, record drawings and documents, coordination, and phasing and other miscellaneous items associated with the work.

4. Measurement for this bid item will be lump sum. The lump sum price for mobilization/demobilization will be limited to 10% of the total contract base bid amount.

5. Seventy percent (70%) of the lump sum price will be payable with the first month's partial payment.

6. The remaining 30% will be payable with the final partial payment.

B. BID ITEM 2 – BONDS AND INSURANCE

1. Payment for this bid item shall be made at the lump sum price bid for all bonds and insurance policies as required by the Contract Documents.

2. Payment will be made only after proper documentation is provided to the ENGINEER. Measurement of this bid item shall be lump sum.

3. THIS ITEM BID SHALL NOT EXCEED 5.0% OF THE ENTIRE CONTRACT BID AMOUNT.

C. BID ITEM 3 - MAINTENANCE OF TRAFFIC

1. Payment for all work included under this bid item will be made at the lump sum price bid for maintenance of traffic in accordance with the FDOT Standards.

2. Payment shall include all maintenance of traffic necessary for construction of the improvements indicated in plans.

3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

4. Measurement for the work included under this bid item shall be lump sum.

D. BID ITEM 4 –AS-BUILTS BY PLS

1. Payment for the work included under this bid item shall be made at the lump sum price bid for all work associated with furnishing all as-builts as certified by a PLS as required under the contract documents.

2. Payment shall . shall be made based on the percentage of as-builts submitted and approved by the Engineer of Record.

3. Measurement for the work included under this bid item shall be lump sum.

E. BID ITEM 5 – TESTING, FLUSHING AND DISINFECTING

1. Payment for the work to be performed in this item includes testing, flushing and disinfecting for quality control testing during construction for all completed water work as depicted in the contract documents.

2. The CONTRACTOR shall employ, coordinate, and direct the services of independent testing laboratories required for all testing.

3. The CONTRACTOR shall pay all testing laboratory invoices and submit them for reimbursement.

F. BID ITEM NO. 6 – WATER SYSTEM IMPROVEMENTS

1. Payment for all work included under this bid item shall be made at the lump sum price bid for all work associated with the replacement of approximately ±6,940 linear feet of 6-inch and ±25,130 linear feet of 8-inch PVC water mains, associated valves, tapping saddles, reducers, fittings, 58 fire hydrants, and other associated appurtenances required to provide a fully functioning water system and to remove the existing system from service. This line item excludes the directional bores included in Bid Item Nos. 7 through ~~11~~ 10 and installation of water service lines and connection to existing water service lines are included in Bid Items Nos. 11 and 14.

2. This bid item shall include but not be limited to excavation, backfill, connection to the existing water main, sheeting, shoring, dewatering, trenching, saw cutting, demolition, temporary stabilization and other work necessary ~~to~~ for the satisfactory installation of the watermain and associated appurtenances as described herein and ~~as well as reconnections to existing hydrant lines~~ per construction plan details and specifications.

3. Payment shall be based on the percentage of work completed as determined by the Engineer of Record.

G. BID ITEM NO. 7 – 8-INCH FPVC DIRECTION BORE PIPING (STA. 9+00 TO STA. 11+26)

1. Payment for all work included under this bid item will be ~~unit price~~ a lump sum bid for the replacement of ±226 linear feet of 8-inch FPVC direction bore pipe and appurtenances.

2. This bid item shall include but not be limited to excavation, backfill, connection to the existing water main, sheeting, shoring, dewatering, trenching, saw cutting, demolition, temporary stabilization and other work necessary to satisfactory installation of the watermain per construction plan details and specifications.

3. Measurement for the work included under this bid item shall be lump sum.

H. BID ITEM NO. 8 – 8-INCH FPVC DIRECTION BORE PIPING (STA. 14+00 TO STA. 15+20)

1. Payment for all work included under this bid item will be a lump sum ~~unit price~~ bid for the replacement of ±120 linear feet of 8-inch FPVC direction bore pipe and appurtenances.

2. This bid item shall include but not be limited to excavation, backfill, connection to the existing water main, sheeting, shoring, dewatering, trenching, saw cutting, demolition, temporary stabilization and other work necessary to satisfactory installation of the watermain per construction plan details and specifications.

3. Measurement for the work included under this bid item shall be lump sum.

~~I. BID ITEM NO. 9 – 8-INCH FPVC DIRECTION BORE PIPING (STA. 20+00 TO STA. 21+61)~~

~~1. Payment for all work included under this bid item will be unit price bid for the replacement of ±161 linear feet of 8-inch FPVC direction bore pipe and appurtenances.~~

~~2. This bid item shall include but not be limited to excavation, backfill, connection to the existing water main, sheeting, shoring, dewatering, trenching, saw cutting, demolition, temporary stabilization and other work necessary to satisfactory installation of the watermain per construction plan details and specifications.~~

~~3. Measurement for the work included under this bid item shall be lump sum.~~

~~J.~~I. BID ITEM NO. ~~10~~ 9 – 8-INCH FPVC DIRECTION BORE PIPING (STA. 25+11 TO STA. 26+59)

1. Payment for all work included under this bid item will be a lump sum ~~unit price~~ bid for the replacement of ±148 linear feet of 8-inch FPVC direction bore pipe and appurtenances.

2. This bid item shall include but not be limited to excavation, backfill, connection to the existing water main, sheeting, shoring, dewatering, trenching, saw cutting, demolition, temporary stabilization and other work necessary to satisfactory installation of the watermain per construction plan details and specifications.

3. Measurement for the work included under this bid item shall be lump sum.

~~K.~~J. BID ITEM NO. ~~11~~ 10 – 8-INCH FPVC DIRECTION BORE PIPING (STA. 30+35 TO STA. 34+10)

1. Payment for all work included under this bid item will be a lump sum ~~unit price~~ bid for the replacement of ±374 linear feet of 8-inch FPVC direction bore pipe and appurtenances.

2. This bid item shall include but not be limited to excavation, backfill, connection to the existing water main, sheeting, shoring, dewatering, trenching, saw cutting, demolition, temporary stabilization and other work necessary to satisfactory installation of the watermain per construction plan details and specifications.

3. Measurement for the work included under this bid item shall be lump sum.

~~L.~~K. BID ITEM NO. ~~12~~ 11 – ~~1~~3/4" WATER SERVICE CONNECTION (SHORT):

1. Payment for all work included under this bid item will be unit price for the installation of ~~1~~3/4-inch service connections between the water main and up to the meter.

2. Payment for this item shall include, but not be limited to excavation, connection to the new water main, supply and installation of tapping saddles, corporation stops, service tubing, curb stop, ~~check valve, gate valve~~ and all other associated appurtenances per plan details and specifications, ~~installing meters (to be provided by the Owner)~~ necessary to connect to the existing water meters and meter boxes ~~(to be provided by Contractor)~~, and restoration per construction plan details and specifications.

3. Measurement for the work included under this bid item shall be made per each short water service installed and tested. A service is considered "short" if the water main is on the same side of the road as the connection to the meter.

4. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

L. BID ITEM NO. 12 – 2" WATER SERVICE CONNECTION (SHORT):

1. Payment for all work included under this bid item will be unit price for the installation of 2-inch service connections between the water main and up to the meter.
2. Payment for this item shall include, but not be limited to excavation, connection to the new water main, supply and installation of tapping saddles, corporation stops, service tubing, curb stop, and all other associated appurtenances per plan details and specifications, necessary to connect to the existing water meters and meter boxes, and restoration per construction plan details and specifications.
3. Measurement for the work included under this bid item shall be made per each short water service installed and tested. A service is considered "short" if the water main is on the same side of the road as the connection to the meter.
4. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

M. BID ITEM NO. 13 – 3/4" WATER SERVICE CONNECTION (LONG):

1. Payment for all work included under this bid item will be unit price for the installation of 3/4-inch service connections between the water main and up to the meter.
2. Payment for this item shall include, but not be limited to excavation, connection to the new water main, supply and installation of tapping saddles, corporation stops, service tubing, curb stop, and all other associated appurtenances per plan details and specifications, necessary to connect to the existing water meters and meter boxes, and restoration per construction plan details and specifications.
3. Measurement for the work included under this bid item shall be made per each long water service installed and tested. A service is considered "long" if the water main must cross under the roadway to connect to the meter.
4. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

~~M.~~N. BID ITEM NO. ~~13~~ 14 – 1" WATER SERVICE CONNECTION (LONG):

1. Payment for all work included under this bid item will be unit price for the installation of 1-inch service connections between the water main and up to the meter.

1. Payment for this item shall include, but not be limited to excavation, connection to the new water main, supply and installation of tapping saddles, corporation stops, service tubing, curb stop, and all other associated appurtenances per plan details and specifications, necessary to connect to the existing water meters and meter boxes, and restoration per construction plan details and specifications.

~~1. Payment shall include, but not be limited to excavation, connection to the new water main, supply and installation of tapping saddles, corporation stops, service tubing, chase pipe, curb stop, check valve, gate valve and all other associated appurtenances per plan details and specifications, installing meters (to be provided by the Owner) and meter boxes (to be provided by Contractor), and restoration per construction plan details and specifications.~~

2. Measurement for the work included under this bid item shall be made per each long water service installed and tested. A service is considered "long" if the water main must cross under the roadway to connect to the meter.

3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

B. BID ITEM NO. ~~17~~15 – RESTORATION~~-~~

1. Payment for all work included under this bid item will be made as a percentage of work completed for all work related to restoring each area disturbed to pre-construction conditions and shall include but not limited to removing and replacing concrete sidewalks, concrete driveways, gravel driveways, asphalt driveways/roadways, mailboxes, street signs, landscaping, curbing, drainage and fencing as depicted on the Contract Drawings where piping was replaced by saw-cuts. This material will include asphalt, roadway base and subbase materials as well as seeding or sodding in areas where construction disturbed landscape, in accordance with the contract documents.

2. Payment for all work included under this bid item will be made as a percentage of work completed f

3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

C. BID ITEM NO. A.1 – ALTERNATE DEDUCTIVE NO. A.1

1. Payment for this work would include a deductive from the total if a chase pipe is not installed for each long service connection under the road as shown in the details of the Construction Drawings. .

2. Payment for all work included under this bid item will be made as a lump sum deductive from the Base Bid price.

3. Payment shall constitute complete deduction for all labor, materials, and equipment necessary which would have been required to complete this work item.

**END OF SECTION 01150**




**INVITATION TO BID 2023-02**
**CITY OF PARKER**
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**CONSTRUCTION BID NO. DW030721**

# ATTACHMENT B

## REVISED
## BID FORM
### (IN ITS ENTIRETY)

**BID FORM ITB NO: 2023-02**

This proposal of_____, hereinafter called "BIDDER," organized and existing under the laws of the State of_____ doing business as (Insert "a corporation" or "a partnership" or "an individual" as applicable) _____ is hereby submitted to the City of Parker.

In compliance with the ADVERTISEMENT FOR BIDS, BIDDER hereby proposes to rehabilitate the water system at certain locations within the City of Parker as identified in the Instruction to Bidders of this Contract Document and Construction Drawings, as described in this BID, complete in every detail. Please see BID-FORM page 2 to complete BID FORM in detail.

BID should include all applicable taxes, shipping charges and fees as applicable.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any other competitor.

The Unit Contract Price is:

_____($_____)

*(Words)*

submitted by:

_____

Name of BIDDER Submitting This BID

BID Prepared By:_____

SEAL: (If BID is by Corporation)

_____

Name of Individual Who Prepared This BID

Contact Email: _____

Address:_____

Phone:_____

Signature of Authorized Representative of BIDDER:

_____Date:_____

| BASE BID FORM (PLEASE COMPLETE) | | | | | |
|---|---|---|---|---|---|
| **Bid Item #** | **Description** | **Qty** | **Unit** | **Cost** | **Total** |
| 1. | Mobilization/Demobilization | 1 | LS | | |
| 2. | Bonds and Insurance | 1 | LS | | |
| 3. | Maintenance of Traffic | 1 | LS | | |
| 4. | As-Builts by PLS | 1 | LS | | |
| 5. | Testing, Flushing, and Disinfecting | 1 | LS | | |
| 6.[1] | Water System Improvements (excludes directional bore and water service laterals) | 1 | LS | | |
| 7. | 8-Inch FPVC Direction Bore Piping (STA. 9+00 TO STA. 11+26) | 1 | LS | | |
| 8. | 8-Inch FPVC Direction Bore Piping (STA. 14+00 TO STA. 15+20) | 1 | LS | | |
| 9. | 8-Inch FPVC Direction Bore Piping (STA. 25+11 TO STA. 26+59) | 1 | LS | | |
| 10. | 8-Inch FPVC Direction Bore Piping (STA. 30+35 TO STA. 34+10) | 1 | LS | | |
| 11. | 3/4" Water Service Connection (Short) | 262 | EA | | |
| 12. | 2" Water Service Connection (Short) | 10 | EA | | |
| 13. | 3/4" Water Service Connection (Long) | 127 | EA | | |
| 14. | 1" Water Service Connection (Long) | 3 | EA | | |
| 15. | Restoration | 1 | LS | | |
| | | | | **Total** | |

Notes:

1. Water System Improvements shall include approximately ±6,940 linear feet of 6-inch and ±25,130 linear feet of 8-inch PVC water mains, associated valves, tapping saddles, reducers, fittings, connection to existing water meters, 58 fire hydrants, and other associated appurtenances required to provide a fully functioning water system and to remove the existing system from service. This line item excludes the directional bores included in Bid Item Nos. 7 through 10 and the ¾", 1", and 2" and water service lines included in Bid Items Nos. 11 through 14.

| DEDUCTIVE ALTERNATE (PLEASE COMPLETE) | | | | | |
|---|---|---|---|---|---|
| **Bid Item #** | **Description** | **Qty** | **Unit** | **Cost** | **Total** |
| A.1 | Provide a lump sum price to be deducted from the total if a chase pipe is not installed for each long service connection under the road as shown in the details. | 1 | LS | | |
| | | | | **Total** | |

**INVITATION TO BID 2023-02**
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# ATTACHMENT C

## REVISED
## CONSTRUCTION DRAWINGS
### (ENTIRE SET ATTACHED SEPARATELY)