

**CITY OF WOONSOCKET
WATER METERS AND FIXED NETWORK AMI SYSTEM
BID #6182**

ADDENDUM 6

TO ALL CONTRACTORS ESTIMATING:

Bidders are hereby informed that plans and specifications for the above-mentioned contract are modified, corrected, and/or supplemented as follows and **Addendum No. 6** becomes part of the Contract Documents and consists of Items **1 through 2**.

SPECIFICATIONS

- 1) 00020 – Request for Proposals – Second Paragraph
 - a) **DELETE** “Separate sealed Proposal packages, including two (2) copies of both the Price Proposal and Technical Proposal, shall be received until 2:00 p.m. on January 9, 2024,” and **REPLACE** with “Separate sealed Proposal packages, including two (2) copies of both the Price Proposal and Technical Proposal, shall be received until 2:00 p.m. on **January 30, 2024**,”
- 2) 01025 – Measurement and Payment
 - a) **DELETE** 01025 Measurement and Payment in its entirety and **REPLACE** with new 01025 Measurement and Payment provided in Attachment A

END OF ADDENDUM NO. 6

ATTACHMENT A

PART 1 – GENERAL

1.1 EXTENT OF WORK

- A. Measurement. The quantities to be measured under the various items in the Price Proposal will be those quantities of work completed in accordance with the Contract Documents. The methods of measurement will be as stated hereinafter for the individual items.
- B. Prices. The unit or lump sum prices for all items in the schedule of prices shall be full compensation for the work of the Contractor specified and shall include the cost of furnishing all materials, labor, tools and equipment and all work and expense incidental to and necessary to complete the work in accordance with the Contract Documents.

1.2 WORK NOT PAID FOR SEPARATELY

- A. Bonds. Payment for bonds required by the contract is included in the prices bid for the various items of work on the Price Proposal Form and no separate payment will be made thereof.
- B. Certifications. Payment for testing and certifications performed to ensure materials comply with the requirements of these Contract Documents shall not be paid for separately and are incidental to the individual items of work listed on the Price Proposal form.

1.3 BID ITEMS

- A. Appurtenant items of work specified which are required to complete the work but are not listed separately under the various applicable bid items of work, shall have no separate payment for such items. It shall be the responsibility of the Contractor to verify any missing or incomplete items.
- B. The Owner reserves the right to remove select bid items and to increase or decrease the unit quantity of bid items. The successful proposer is made aware that the unit price so stated on the Price Proposal form constitutes full compensation for that item, regardless of any increase or decrease in the unit quantity of that bid item. There is no guarantee of any minimum or maximum quantity for any bid item. Standards of the industry (e.g. renegotiation of the bid price due to a 25% increase or decrease in the unit quantity of the bid item) shall not be enforceable under this contract. Renegotiation of bid prices is solely at the discretion of the Owner.

1.4 MEASUREMENT

- A. The measurement of all quantities of items listed on the Price Proposal Form shall be done by the Contractor. The measurement will include proper and complete documentation of all items to the satisfaction of the Owner and Engineer prior to the submission for payment. The measurement submitted shall be in the same unit description listed on the Price Proposal Form.

**CITY OF WOONSOCKET
WATER METERS AND FIXED NETWORK AMI SYSTEM**

1.5 PAYMENT

- A. Payments shall be made to the Contractor only after proper documentation of the unit quantity provided or percentage of work completed, and in accordance with the contract terms and conditions regarding payment.
- B. Payment for bid items shall include full compensation for all incidentals required for the complete installation of the completed product.
- C. Payment shall be made only for that work which is performed within the pay limits as defined by these specifications. No payment shall be made for work beyond these limits unless the work has been authorized by the Owner in writing.

1.6 PARTIAL PAYMENT FOR PRODUCTS

- A. There shall be no partial payment for products delivered but not installed, where installation is required under this Contract.

1.7 EXTRA WORK

- A. Extra work, if any, shall be performed and paid for in accordance with the Contract Agreement.

1.8 BASE PRICE PROPOSAL - ITEM DESCRIPTIONS

- A. Item 1, Mobilization and Demobilization
 - 1. The Work of this section shall be measured as specified at the Lump Sum price provided on the Price Proposal Form. The payable quantity will be for the preparatory work and operations which must be performed or for costs which must be incurred prior to beginning work, as well as costs associated with bonds and other “up-front” costs incurred by the Contractor. This includes costs associated with completing a propagation study, expended prior to contract award, for determining the number and location of data collection units required.
 - 2. The payment for work associated with mobilization and demobilization shall be a Lump Sum Price as provided on the Price Proposal Form for Item No. 1. Payment will be limited to 75% of the lump sum amount of this item until the work is complete and the contractor has completely demobilized. No more than 50% of the lump sum amount of this item shall be paid for in the Contractor’s first pay application. The lump sum price bid for this item shall not exceed 5 percent of the total of all items, excluding this item.
- B. Items 2 – 5, Furnish Non-Displacement Water Meters
 - 1. The Work of this section shall be measured as specified at the Unit Price for each meter furnished to the City of the various sizes provided for on the Price Proposal Form. The payable quantity will be for each complete meter assembly, inclusive of the meter, encoder, radio frequency (RF) module, and all other appurtenances required for a functional meter assembly.
 - 2. Meters furnished under Bid Items 2 – 5 shall be in accordance with the requirements of applicable AWWA standards. Fluidic-oscillator type meter, if proposed, shall meet the requirements of AWWA C713 and all applicable NSF standards.

CITY OF WOONSOCKET
WATER METERS AND FIXED NETWORK AMI SYSTEM

3. It is the Owner's intent to accept multiple deliveries of meters over the length of this contract. The Owner does not have a suitable location to store all meters to be used for this project. The Owner will coordinate with the selected proposer to establish a delivery schedule and frequency. The proposer shall base their unit prices assuming approximately equal monthly deliveries of meters for a 24-month period.
4. The payment for work, equipment, and materials associated with furnishing water meters shall be at the Unit Prices provided for Item Nos. 2 – 5.
5. Meter sizes are further defined in the following table:

Bid Name	Common Name	Flow Capacity	Bore (I.D.)	Approx O.D. of meter threads	Lay Length	Comments
5/8-inch meter	5/8" x 1/2"	5/8"	1/2"	1.04"	7.5"	Bore ID can also be 5/8"
3/4-inch meter	3/4" Full Size	3/4"	3/4"	1.39"	9"	Can also propose 3/4" Short if supplied with filler piece for a 9" lay length. If so, it shall be noted in the bid.
1-inch meter	1" Meter	1"	1"	1.65"	10.75"	
1.5-inch meter	1-1/2" Threaded (male)	1-1/2"	1-1/2"	2.38"	12-5/8"	
2-inch meter	See comment	2"	2"	2.81"	15-1/4"	Flanged connection required (not threaded)

C. Item 6, Furnish and Install Fixed Network Base Station, Collectors, and Communication Equipment for Complete and Operational System

1. The Work of this section shall be measured as specified at the Lump Sum price for the furnishing of all necessary components of a fixed network AMI system, including base station, collectors, communication equipment, and all other appurtenances meeting the requirements of these Specifications and Technical Proposal submitted by Contractor.
2. The payment for work associated with this item shall be at the Lump Sum price provided on the Price Proposal Form.

D. Item 7, Furnish and Install Software/Hardware Components for Complete and Operational Fixed Network AMI System

1. The Work of this section shall be measured as specified at the Lump Sum price for the furnishing of all necessary software and hardware components for a complete and operational fixed network AMI system, meeting the requirements of these Specifications and Technical Proposal submitted by Contractor. The system shall function over a cloud-based, Software-as-a-Service (SaaS) network.
2. This item shall include the furnishing of user licenses for AMI system software to the Owner.
3. This item shall include the furnishing of four (4) new personal computers and providing licenses for four (4) system users.

**CITY OF WOONSOCKET
WATER METERS AND FIXED NETWORK AMI SYSTEM**

4. The payment for work associated with this item shall be at the Lump Sum price provided on the Price Proposal Form.
- E. Item 8, Owner Staff Training for Fixed Network AMI System
1. The Work of this section shall be measured as specified at the Lump Sum price for providing necessary training to Owner's staff for the proper use and operation of AMI system in accordance with Section 15200 of these Specifications. Successful Proposer shall develop a detailed training plan for review and approval by Owner and Engineer. Proposers shall assume attendance by up to four (4) of Owner's staff at a total of four (4), 2-hour workshops. This is in addition to pre-implementation meetings conducted by the successful Proposer.
 2. The payment for work associated with this item shall be at the Lump Sum price provided on the Price Proposal Form.
- F. Item 9, Support Services
1. The Work of this section shall be measured as specified at the Lump Sum price for providing on-call, 24/7 technical support to Owner for the duration of this contract plus 1 year following the date of Substantial Completion.
 2. A toll-free telephone Help Desk shall be available between the hours of 8:00 AM and 6:00 PM Eastern Standard Time with after-hours telephone numbers made available as necessary. The Help Desk services shall include: fixed network RF AMR system device troubleshooting; software/operation troubleshooting; equipment returns and repair customer support; and loaner equipment processing support. Help Desk must maintain a four (4) hour acknowledgement of issue with a 24-hour maximum resolution time for standard issues.
 3. The payment for work associated with this item shall be at the Lump Sum price provided on the Price Proposal Form.
- G. Item 10, Add Alternate 1 - Furnish and Install Distribution Side Automated Leak Detection System
1. The work of this section will be measured on a percentage basis for the installation of a Distribution Side Automated Leak Detection System as described in the Bidders response to Technical Question 39 on page 8 of "Technical Questionnaire Supplement 00410B" and/or as directed by the Engineer.
 2. Payment for this item shall be made as a percentage of the Lump Sum price listed in the Bid Schedule. The price so stated constitutes full and complete compensation for all labor, materials, and equipment and for all other incidentals required to finish the work, complete and accepted by the Engineer.
- H. Item 11, Add Alternate 2 - Furnish and Install Customer Web Portal
1. The work of this section will be measured on a percentage basis for the furnishing and installation of a Customer Web Portal as described in section 15200 2.6 or as directed by the Engineer.
 2. Payment for this item shall be made as a percentage of the Lump Sum price listed in the Bid Schedule. The price so stated constitutes full and complete compensation

CITY OF WOONSOCKET
WATER METERS AND FIXED NETWORK AMI SYSTEM

for all labor, materials, and equipment and for all other incidentals required to finish the work, complete and accepted by the Engineer.

- I. Item 12, Add Alternate 3 - Customer Web Portal Annual Operation and Maintenance Cost
 - 1. The Work of this section shall be measured as specified at the Lump Sum price for providing the operation and maintenance of the Customer Web Portal as described in section 15200 2.6 or as directed by the Engineer for the duration of this contract plus 1 year following the date of Substantial Completion.
 - 2. The payment for work associated with this item shall be at the Lump Sum price provided on the Price Proposal Form.

END OF SECTION