Request for Bids (RFB)
Water Authority Water Meters

CITY OF PICO RIVERA

Advertisement Date: June 11, 2018
Submission Due Date: June 28, 2018
I. **INTRODUCTION**
The City of Pico Rivera, hereinafter referred to as “City”, is seeking bids from qualified vendors, hereinafter referred to as “Bidder”, for water utility supplies and repair parts.

II. **SCOPE OF SERVICES**
A. **General Information**
The City is seeking proposals for delivery of water meter as listed in Attachment A – Itemized Cost Proposal.

B. **Brand Names**
References to brand names and/or numbers in the solicitation are intended to be restrictive, and not merely descriptive, unless otherwise specified. If the specific product cannot be supplied by the Bidder, equivalent items meeting the standards of quality specified will be considered. Unless a Bidder indicates otherwise, it is understood that the proposer is offering the referenced brand item as specified in the solicitation. The City reserves the right to determine whether a substitute offer is equivalent to and meets the standards of quality indicated by the brand name referenced, and the City may require the supply of additional descriptive material and a sample.

C. **Samples**
Samples of goods may be required prior to award to determine Bidder’s responsiveness to the RFB’s requirements. If requested such samples must be provided at no cost and delivered to the address specified within the timeframe identified in the notification. Failure to submit samples as specified may be grounds for rejection of a Bidder’s proposal. Unless expressly set forth in the solicitation, the sample of goods furnished must be identical in all respects to the product or products being offered. Bidders offering products of a different manufacturer and model number than those specified in the solicitation may be required to submit samples for inspection and specification compliance testing in order for the City to determine if the item offered is equivalent to and meets the minimum standards of quality acceptable to the City. Samples, if not destroyed by tests, may, upon request made by the Bidder at the time the sample is furnished, be returned at Bidder’s expense.

D. **Customer Service**
Describe the level of customer service that will be provided, including procedures that will ensure consistency and problem resolution. The description should include, but is not limited to:
1. Customer service organizational structure
2. Contact process (phone, email, fax, etc.)
3. Follow up process
4. Process to handle back ordered or out-of-stock products, including alternate suggestions and pricing policy
5. Internal procedures to track customer service contact and resolution

E. **Cost Proposal, Pricing and Price Adjustments**
Bidders must submit fixed pricing as required by Attachment A – Itemized Cost Proposal. Pricing shall include all anticipated charges, including but not limited to, cost of materials and product, overhead, profit, freight and delivery, and other costs or expenses incidental to the Bidder’s performance.
Bidders shall propos a single-rate standard discount from manufacturers’ list pricing, for
non-contract items that Bidder is able to provide and City may purchase under the terms of any Master Agreement that results from this RFB. The prices proposed in the Bidder’s response will be valid for the original three year term after any resulting agreement is signed. The Bidder’s proposal must describe how future price increases will be minimized and capped and how both increases and decreases will be passed on to the City if the agreement is renewed after the initial term. It is expected that all Bidders to this solicitation will offer the Bidder’s best government or comparable favorable rates.

F. Contract vs. Non-Contract Products
The term “Contract Item” is defined as any item or replacement item (as agreed to by the City) that is included in Attachment A- Itemized Cost Proposal, or any resulting agreement that may result from this RFB. The term “Non-Contract Item” is defined as any item that vendor is able to provide that is not included with a specific price in Attachment A.

G. Inventory, Estimated Volume
The City has demonstrated an ongoing need for the products indicated in this RFB. These products are based on recent 12-month usage. The City awarded an Agreement shall maintain access to a reasonable stock of such products on hand for the full term of the Agreement. Failure to maintain minimum access to a reasonable stock may result in termination of default of the Agreement.

III. CITY CONTACT
The City Contact, hereinafter referred to as “Contact”, is the sole point of contact for this solicitation. All communication shall be in writing and submitted to the Contact. Bidders are not permitted to communicate with other City staff or officials about this RFB, except for during pre-bid meetings, demonstrations, and/or interviews, unless otherwise directed by the Contact.

Contact: Adrian Rodriguez
E-mail: adrian.rodriguez@pico-rivera.org

Bidders interested in participating in this RFB should immediately provide the Contact with a phone number, fax number, and an e-mail address for dissemination of addenda and/or supplemental information, as applicable. Failure to provide said contact information may result in late notifications and/or incomplete bids.

IV. DEADLINE FOR SUBMITTING QUESTIONS
Any questions regarding the RFB must be submitted to the Contact referenced above no later than June 20, 2018. Reference the RFB Title when making inquiries. All questions will be noted and a consolidated answer list will be sent to all interested Bidders.

V. FORMAT AND SUBMISSION
All Bidders are required to follow the format content specified below.
1. A brief description of the history and organization of the Bidder’s firm.
2. A description of similar bids successfully awarded within the past three (3) years.

The deadline for submitting a bid is Thursday June 28, 2018, 10:00 a.m. Any bid received after this time will be returned unopened. Bids must be submitted in a sealed envelope with
the bid number on the face thereof and the Bidder’s name, and shall be clearly addressed as follows:

City of Pico Rivera  
City Clerks Office  
RFB Water Meters  
6615 Passons Blvd.  
Pico Rivera, CA. 90660

**Faxed or e-mailed bids will not be accepted** as this RFB requires bids to be submitted in a sealed envelope, per the City’s Municipal Code Title 3, Chapter 3.20.

**VI. SELECTION PROCESS**

**A. Responsive Bidder/ Responsible Bidder**

After the public bid opening, where the apparent low bid is identified, bids will be reviewed to ascertain that they are in compliance with the RFB requirements. Bidders may be deemed non-responsive for failure to comply with the requirements set forth herein.

The following will be applied in determining the lowest responsible Bidder:

1. The Bidder’s ability, capacity, and skill to provide the service or commodity required.
2. The Bidder’s record of performance with the City.
3. The Bidder’s ability to provide future maintenance and/or service for the product or service required.

**B. AWARD PROCESS**

Once the lowest responsible/responsive Bidder has been determined, a Notification of Intent to Award will be issued to all Bidders who submitted a bid identifying the lowest responsible/responsive Bidder.

**C. COMMENCEMENT OF SERVICES**

A Purchase Order will be issued once:

1. Council authority is granted, if applicable.
2. All agreements have been executed.
3. Verification of current vendor application & W-9 State Tax Form.

Commencement of services shall begin once Bidder receives the Notice to Proceed and Purchase Order.

**VII. STANDARD TERMS & CONDITIONS**

In addition to the previous requirements, the Bidder shall, at minimum, perform or make provisions for the following general requirements:

**A. Addenda:** The City reserves the right to modify and issue addenda to this RFB. A signed copy of all addenda shall be submitted as part of the bid. Failure to include the addenda may result in a non-responsive submittal. Addenda shall become a part of this RFB and any Agreement, which may result from this solicitation.

**B. Additional Information:** Provide the City with any additional information it deems necessary to accurately determine Bidders ability to perform services, and/or provide products proposed. During selection process, the City may conduct any reasonable
inquiry from any and all sources concerning the bid, including reference verification to
determine the responsibility of the Bidder. Furthermore, submission of a bid constitutes
permission by the Bidder for the City to verify all information contained therein. Failure
to comply with any request for additional information may disqualify the Bidder from
further consideration.

C. **Bid Commitment:** The bid shall be firm and binding for 120 days after the submittal
deadline. Submission of a bid shall constitute a commitment on the part of the Bidder to
furnish the products/services set forth in this RFB.

D. **Bid Errors:** City is not responsible for errors or omissions on the part of Bidders in
drafting their bids. In the event of a calculation error, the unit price shall prevail. The
City is not responsible for any conclusions or interpretations made by the Bidder
regarding information provided by the City.

E. **Contractual Obligation:** After the City selects a Bidder, the contents of the submitted
bid will become a contractual obligation. The RFB and any addenda, Bidder's bid, and
the Agreement constitute the entire Agreement between the Bidder and the City and
shall incorporate the provisions thereof. Failure of the Bidder to agree to include all
portions thereof as contractual Agreement may result in cancellation of the award.

F. **Disclaimer:** This RFB does not commit the City to continue with the procurement of the
subject services/products nor to enter into an Agreement with any Bidder. The City
makes no representation that any Agreement will be awarded. In the event of award,
the City makes no guarantee to expend any agreement amount to its maximum. Award
of an Agreement may require City Council authorization. Furthermore, the City may re-
isue the RFB at any time for any reason at its sole discretion.

G. **Late Bid:** Late bids will not be considered. It is the Bidder’s responsibility to ensure that
the bid arrives on or before the specified time. The City will not be responsible for bids
not properly marked and/or delivered. Postmarks will not be accepted in lieu of actual
receipt.

H. **Evidence of Insurance:** In the event an Agreement is awarded, Bidder shall provide
evidence of insurance coverall by an admitted California insurer legally licensed and
qualified to conduct business in the State of California in accordance with the provisions
described herein, prior to the commencement of services. The required insurance
coverage shall be maintained for the duration of the Agreement: General Liability
insurance presently in effect with a combined single limit of not less than $1,000,000 per
occurrence, and $2,000,000 aggregate; and vehicle insurance (where applicable) is in
effect with a minimum coverage of $1,000,000 per occurrence.

The Certificate of Insurance shall provide:

a) That the insurer will not cancel the insured’s coverage without thirty (30) days
   prior notice to the City;

b) That the City, and it's employees, volunteers, officers, and agents of each of
   them, are included as additionally insured, but only insofar as the operations
   under this contract are concerned;

c) That the City and its employees, officers, and agents of each of them will not be
   responsible for any premiums or assessments on the policy;

d) That the insurer has an AM Best rating of A: VII or equivalent.
Contractor agrees that the bodily injury liability insurance herein provided shall be in effect at all times during the term of this contract. In the event said liability insurance coverage expires at any time or times during the term of this contract, contractor agrees to provide at least thirty (30) days prior to said expiration date, a new certificate of insurance evidencing insurance coverage as provided herein for not less than the remainder of the term of the contract, or for a period of not less than one (1) year.

New Certificates of Insurance are subject to approval and the contractor agrees that no work or services shall be performed prior to the giving of such approval. In the event contractor fails to keep in effect at all times insurance coverage as herein provided, the City may in addition to any other remedies it may have, terminate this contract upon the occurrence of such event.

Worker’s Compensation insurance coverage as required by the State of California of $1,000,000 per occurrence.

I. Payments and Invoicing: Unless otherwise agreed, payment will not be made until goods/services are delivered and accepted as specified. Invoices presented for payment must be submitted in accordance with instructions contained on the purchase order. In order to receive prompt payment, send invoices directly to: City of Pico Rivera, Attn: Accounts Payable, 6615 Passons Blvd., Pico Rivera, CA 90660. The City’s standard payment terms are Net 30.

J. Property of City: All bids and materials submitted become the property of the City and may be used by the City in any way it deems appropriate. In addition, bids received will be subject to the California Public Records Act.

K. Reservation of Rights: The City expressly reserves the right to modify and/or suspend any and all aspects of the RFB, to obtain further information from any Bidder responding to this RFB, to waive any defect as to form or content of this RFB or any response thereto, to extend deadlines for accepting responses, to reject any and all responses to the RFB, and to choose the firm that best serves the City’s interests, at its own discretion. Should all bids be rejected a written notification will be sent to all Bidders to this effect. The City also reserves the right to select another Bidder in the case that the original Bidder, for any reason, is unable to perform, or is dismissed from the project.

L. Submission Cost: The City will not be liable for any costs incurred in the preparation of bids or incidental to the preparation and presentation of qualifications orally or in writing. All costs for preparation, submission of bids, submission of additional information, delivery, and/or any other aspect of the RFB incurred by the Bidder are the sole responsibility of the Bidder.
Cold Water Meters/Positive Displacement Type

Magnetic Drive 5/8”-2” Specifications

1. General
   All cold water meters (displacement type - magnetic drive 5/8” - 2”) furnished shall be produced from an ISO 9001 manufacturing facility and conform to the “Standard Specifications for Cold Water Meters” C700, latest revision issued by AWWA or as otherwise stated.

2. Type
   Only magnetic driven, positive displacement meters of the flat nutating disc type will be accepted due to the enhanced low flow accuracy performance.

3. Size, Capacity, Length
   The size, capacity, and meter lengths shall be as specified in AWWA Standard C700 (latest revision). The maximum number of disc nutations is not to exceed those specified in AWWA C700 latest revision.

   All meter maincases shall be made of a lead-free brass containing a minimum of 85% copper, such as Envirobass II, that meets the ANSI/NSF 61 standard. The serial number should be stamped between the outlet port of the maincase and the register. Maincase markings shall be cast raised and shall indicate size, model, direction of flow, and NSF 61 certification. Plastic maincases are not acceptable.

   Maincases for 5/8”, 3/4” and 1” meters shall be of the removable bottom cap type with the bottom cap secured by four (4) bolts on 5/8” and 3/4” sizes and six (6) bolts on the 1” size. Intermediate meter maincases shall also be made of the same lead-free brass material in sizes 1-1/2” and 2” with a cover secured to the maincase with eight (8) bolts. Meters with a frost plug, a screw-on design or no bottom cap shall not be accepted in 5/8”-1” sizes.

   All lead-free maincases shall be guaranteed free from manufacturing defects in workmanship and material for the life of the meter.

   All meters must be adaptable to a absolute encoded register without interruption of the customer’s service.

4. Bolts
   All maincase bolts shall be of 300 series non-magnetic stainless steel to prevent corrosion.

5. Measuring Chamber
   The measuring chamber shall be of a 2-piece snap-joint type with no fasteners allowed. The chamber shall be made of a non-hydrolyzing synthetic polymer.

   The control block shall be the same material as the measuring chamber and be located on the top of the chamber. The control block shall be located after the strainer.

   The measuring chamber outlet port shall be sealed to the maincase outlet port by means of an “O” ring gasket.
The flat nutating disc shall be a single piece made from non-hydrolyzing synthetic polymer and shall contain a type 316 stainless steel spindle. The nutating disc shall be equipped with a synthetic polymer thrust roller located within the disc slot. The thrust roller head shall roll on the buttressed thrust track provided by the diaphragm.

7. Strainers
All meters shall contain a removable polypropylene plastic strainer screen. The strainer shall be located near the maincase inlet port, before the measuring chamber. The strainer shall also function as the device that holds the measuring chamber in place within the maincase. Straps or other types of fasteners shall not be accepted.

8. Performance
To ensure accuracy, each meter must be accompanied by a factory test tag certifying the accuracy at the flows required by AWWA C700.

All meters shall be warranted as follows:

<table>
<thead>
<tr>
<th>Size Meter</th>
<th>Low Flow Accuracy</th>
<th>Low Flow New Meter Accuracy</th>
<th>Low Flow Repaired</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot;</td>
<td>1/8 gpm @ 95%</td>
<td>5 Yrs or 500 KGal</td>
<td>5-10 Yr or 1.5 MGal</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>1/4 gpm @ 95%</td>
<td>5 Yrs or 750 KGal</td>
<td>5-10 Yr or 2.3 MGal</td>
</tr>
<tr>
<td>1&quot;</td>
<td>3/8 gpm @ 95%</td>
<td>5 Yrs or 1 MGal</td>
<td>5-10 Yr or 3 MGal</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>3/4 gpm @ 95%</td>
<td>2 Yrs or 1.6 MGal</td>
<td>10 Yrs or 5 MGal</td>
</tr>
<tr>
<td>2&quot;</td>
<td>1 gpm @ 95%</td>
<td>2 Yrs or 2.7 MGal</td>
<td>10 Yrs or 8 MGal</td>
</tr>
</tbody>
</table>

Normal meter operating range shall be as follows:

<table>
<thead>
<tr>
<th>Size</th>
<th>Accuracy Range ± 1.5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot;</td>
<td>1/2 - 20 gpm</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>3/4 - 30 gpm</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1 - 50 gpm</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>2 - 100 gpm</td>
</tr>
<tr>
<td>2&quot;</td>
<td>2-1/2 - 160 gpm</td>
</tr>
</tbody>
</table>

9. Manufacturer
Meters and meter parts shall be manufactured, assembled, and tested within the United States. Manufacturers may be required to provide proof of where and of what percentage of the meter register, chamber, and maincase is manufactured in the United States.

Manufacturers shall have a minimum of fifteen years of field and production experience with all sizes and models quoted. Manufacturers shall provide only one model of meter
which complies with these specifications. Suppliers must have been manufacturing meters for at least 100 years.

10. Integrated Encoded Register and Meter Interface unit (IMIU)
These specifications cover a fully integrated self-contained solid state absolute encoder register and a radio frequency meter interface unit metering system designed to obtain simultaneous water meter registration that is guaranteed to exactly match the registration on the register odometer. The metering information shall be obtained through a fully integrated radio frequency device using a compatible data capture system. The above system shall be configured as follows:

- Solid state absolute encoder meter register — Direct mounting, electro-magnetically encoded measuring element into an electronic solid-state odometer. Encoder shall provide value-added flow data including leak, tamper and back flow detection. Digital counters requiring batteries and volatile memory for consumption data are not allowed. Encoder register shall display flow rate information at register.
- Fully integrated radio frequency meter interface unit providing a communication link for the transmission of information from the register.
- Data acquisition equipment with which the above components can be interrogated. Such equipment shall be configured in two types:
  a. A device that captures information and displays it visually to confirm correct system installation.
  b. A device that is pre-programmed with route information and is capable of storing collected data in solid-state memory. This device shall also electronically transfer the data for use by the utility billing computer.

II. Integrated Meter Interface Unit (IMIU) Description - General
The unit shall interrogate the absolute encoder register and transmit the meter reading and meter alarm conditions to a data collection reading device. The unit shall be capable of being read by a walk-by handheld computer equipped with a RF interface unit, a mobile system with a unit mounted in a vehicle, and/or a fixed network data collection system with no programming necessary. This shall allow for a seamless migration between the three systems without any change to devices or revisiting the endpoint. The absolute solid-state encoder register with IMIUs shall be attached to new meters, or they shall retrofit existing meters in the field via a bayonet mount on top of the meter maincase. The pit IMIU enclosure shall be a roll-sealed copper can and tempered glass lens design to ensure a water tight seal, and offer a short whip antenna or an optional through the pit lid antenna to address various applications.

III. Encoded Register Description - General
The self-contained solid state absolute encoder register metering system shall be designed to obtain remote simultaneous water meter registration that is guaranteed to exactly match the registration on the register odometer. The solid-state absolute encoder meter register shall be a direct mounting, electro-magnetically encoded measuring element into an electronic solid-state odometer. The encoder shall provide value-added flow data including leak, tamper and back flow detection when communicating with a compatible RF AMR MIU. Batteries and digital counters using volatile memory are not allowed. Encoder register shall display flow rate information at register.

IV. IMIU Physical / Mechanical Requirements
The integrated meter interface unit (IMIU) housing shall be constructed of a polycarbonate plastic compound and be capable of mounting indoors. The device must be water-resistant and capable of exposure to spray and splash. The device must be able to withstand a 200-hour salt fog test as specified in NEMA 4 standard.

The device shall provide a location for a tamper deterrent seal. Tampering with the device functions or connections shall not be possible without causing visible damage to the device exterior or to the seal.

The device shall be capable of operating at temperatures of -22°F to 149°F (-30°C to +65°C) with a humidity factor of 0 to 95%.

The radio battery will be protected by encapsulation in a hard case.

The unit must retrofit to existing installations.

The IMIU device must be protected against static discharge without loss of data per IEC 801-2, issue 2.

For pit or vault applications, the IMIU shall be designed to allow for a whip type external antenna for below the pit lid applications for a remote antenna to be installed through the industry standard 1-3/4” hole in the pit lid with no degradation of transmission range.

The external antenna will be capable of mounting to various thickness of pit lids from 1/2” to 2-1/2” and various distances from meters.

The device shall be capable of operating at temperatures of -22°F to 149°F (-30°C to +65°C) and operating humidity of 0 to 95%.

The through the lid antenna option shall be rigid in design to withstand traffic and shall have a dual seal connection to the IMIU housing.

The IMIU device must be protected against static discharge without loss of data per IEC 801-2, issue 2.

V. Encoder Register Unit

A. Registration

The solid-state absolute encoder register shall provide at least a nine-digit visual registration at the meter.

The unit shall provide an 8-digit meter reading for transmission through the radio MIU.

The register shall employ a visual LCD leak detection indicator as well as provide remote leak detection through an ASCII format to the data collection device.

The register shall provide backflow detection, days of no consumption and number of days of leak or backflow condition.

Internal batteries shall not be allowed. Battery must be external to register.

The manufacturer will guarantee that the reading obtained electronically matches the LCD odometer reading on the register and that the manufacturer will pay the difference at the current rate whenever a discrepancy appears.

The register shall display flow rate information in Gallons Per Minute.

B. Mechanical Construction

The pit set enclosure shall be a roll sealed glass and copper can design to protect the internal components against moisture intrusion.

The register and IMIU shall be attached to the meter case by a bayonet attachment. Fastening screws or nuts shall not be required. A tamper-proof seal pin shall be used to secure the register to the maincase.

The register shall be removable from the meter without disassembling the meter.
body and shall permit field installation and/or removal without taking the meter out of service.

C. Electrical Construction
• The solid-state absolute encoder register shall incorporate an Application Specific Integrated Circuit (ASIC) and firmware designed to verify accurate measurement, information transmission and data integrity.

D. Meter Reading Information
• The solid-state absolute encoder register shall provide to the reading equipment an eight-digit meter reading.
• The solid-state absolute encoder register shall provide additional value-added information remotely, such as, detailed leak detection data, days of leak state, days of no consumption, and back flow indication. This information shall be communicated through the encoder protocol and RF IMIU to the route management software to allow the seamless integration of data into a CIS package.

VI. Operation Specifications
• For reliability and meter reading integrity, the vendor shall be the sole manufacturer of the different components of the system (water meters, RF transmitter, meter reading equipment, and route management software), and provide a turn-key system offering to the utility.
• The manufacturer will guarantee that the reading obtained electronically matches the mechanical odometer read on the register when the register is interrogated by the IMIU and that the manufacturer will pay the difference at the current rates whenever a discrepancy appears. Synchronization of electronic reading and mechanical read for any reason (battery change, register change, cut wire, register roll-over...) is not acceptable.
• For the purpose of ease of implementation, the system shall not require any special licensing, including licenses from FCC. The system must, therefore, operate in the 902 MHz to 928 MHz unlicensed bandwidth.
• The system implementation shall not be delayed due to the uncertainty of Federal licensing requirements.
• The system must be expandable at any time without getting authorization from the FCC.
• No wake-up tone or programming shall be necessary.
• To minimize the potential for RF interference from other devices, the IMIU shall transmit using the Frequency Hopping Spread Spectrum technique comprised of alternating pseudo-random frequencies within the 902 MHz to 928 MHz unlicensed bandwidth.
• The IMIU shall operate within FCC Part 15 regulations for devices operating in the 902 MHz to 928 MHz unlicensed bandwidth. The output power of the devices will be governed by their conformance with these relevant FCC standards.
• Output power shall meet FCC Part 15.247 requirements. (min. 100mw)
• Power shall be supplied to the IMIU by a lithium battery. The Vendor shall warrant that any battery provided with the IMIUs by the Vendor shall be free of manufacture and design defects for a period of twenty years - the first ten (10) years from their date of shipment from factory without pro-rating, and the second ten (10) years with pro-rating, as long as the IMIU is working under the environmental and meter reading conditions specified.
• The battery life shall not be affected by outside erroneous wake-up tones (i.e. other water, gas, or electric utilities reading and therefore sending out a wake-up tone).
• The number of reads performed must not affect the battery life.
• No IMIU programming shall be necessary for installation.
• The IMIU shall not send readings older than an hour. Sending a reading older than an hour is not acceptable, as it can lead to mis-billing.
• The MIU shall transmit the meter reading continuously at a predetermined transmission interval to maximize battery life.
• Each device shall have a unique pre-programmed identification numbers of 10 characters. ID numbers will be permanent and shall not be altered. Each device shall be labeled with the ID number in numeric and BAR code form. The label shall also display FCC approval information, manufacturer’s designation, and date of manufacture.
• The IMIU shall transmit the encoder meter reading and a unique IMIU ID number.
• The handheld reading equipment shall provide a test mode to verify proper operation of the IMIU by displaying the IMIU ID number and meter reading.
• The IMIU shall be capable of being received by either a handheld receiver, mobile receiver, or fixed network receiver without special configuration or remanufacture.
**Estimated quantities are based on historical averages and used only for bidding purposes. There is no guarantee these quantities will be purchased during the term of this contract.**

<table>
<thead>
<tr>
<th>Est. Qty</th>
<th>Description &amp; reference part number</th>
<th>Unit Price</th>
<th>Extended Price</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bronze Water Meters</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>300</td>
<td>ENHANCED E-CODER® R 9 0 0 i™ T-10 5/8 inch water meter with a lay length of 7.5 inches</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>ENHANCED E-CODER® R 9 0 0 i™ 3/4 inch water meter with a lay length of 7.5 inches</td>
<td></td>
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</tr>
<tr>
<td>300</td>
<td>ENHANCED E-CODER® R 9 0 0 i™ 1 inch water meter with a lay length of 10.75 inches</td>
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</tr>
<tr>
<td>10</td>
<td>ENHANCED E-CODER® R 9 0 0 i™ 1 1/2 inch water meter with a lay length of 13 inches</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>ENHANCED E-CODER® R 9 0 0 i™ 2 inch water meter with a lay length of 17 inches</td>
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</tbody>
</table>

**Proposal Grand Total $**
Authority Inventory Supplies. The undersigned agrees that the bid amounts offered herein shall remain in effect throughout the full term of the resulting agreement. In submitting this Itemized Cost Proposal, Bidder agrees to comply with the terms and conditions illustrated in this RFB.

I, the undersigned, hereby certify that this Bid and the amount offered in this Itemized Cost Proposal are true and accurate to the best of my knowledge in accordance with the requirement of California Business and Professions Code Section 7028.15.

Person from your company who completed the bid package:

Signature: ____________________________________________________________________________ Date: __________________________

Printed Name and Title: __________________________________________________________________

E-Mail: ________________________________________________________________________________ Phone: ______________________________

______________________________________________________________________________________