



REQUEST FOR PROPOSAL
ADDENDUM NUMBER ONE (1)

DATE: NOVEMBER 08, 2012
RE: BID NO. 2013-26 – COLD WATER METERS
OWNER: CITY OF EDINBURG
TO: ALL BIDDERS, HOLDERS OF SPECIFICATIONS, AND ALL INTERESTED PARTIES TO THE CITY OF EDINBURG

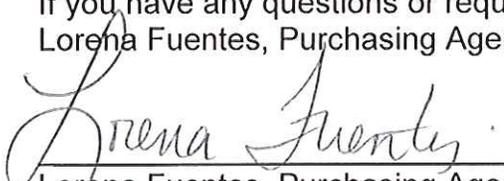
SPECIFICATIONS ADDENDUM ITEM AS SPECIFIED BELOW:

- 1. Replace:** Specifications (pages 10-15) with the pages labeled “Revised Specifications” (pages 10-15).
- 2. Add:** The City reserves the right to consider each group as a separate bid and award any or all, whichever may be more advantageous to the City.

The City reserves the right to increase or decrease the quantities of each group depending on availability of funds. Estimated quantities are approximate, based on projected usage during a twelve (12) month period. The unit bid prices acquired for this contract are to remain the same for a period of one (1) year whether the City buys more or less than the estimated quantities of the product bid.

A PO will be issued for the entire bid amount to the selected vendor; however the material will be delivered on an as needed basis. An invoice will be submitted at the time of each

If you have any questions or require additional information, do not hesitate to contact Ms. Lorena Fuentes, Purchasing Agent at (956) 388-1895.



Lorena Fuentes, Purchasing Agent



REVISED SPECIFICATIONS
CITY OF EDINBURG
REQUEST FOR BIDS FOR
COLD WATER METERS – “REVISED”

BID NO. 2013-26

BID OPENING DATE: November 19, 2012 at 3:00 p.m.

It is the intent of this Request for Bids to describe and ultimately make it possible for the City of Edinburg to purchase the below mentioned Cold Water Meters.

GENERAL REQUIREMENTS AND AGREEMENT FOR COLD WATER METERS:

You are invited to submit a sealed bid for the purchase of Cold Water Meters as requested by the City of Edinburg Utilities/Systems Department.

The specifications listed below are minimum requirements and are intended to govern, in general, the size and material desired. The City of Edinburg reserves the right to evaluate variations from these specifications.

Quantities estimated are approximate, based on projected usage during a twelve (12) month period. However, the City may choose to order more or less of the product bid than the estimated amounts. The unit bid prices acquired for this contract are to remain the same whether the City buys more or less than the estimated quantities of the product bid. The City however guarantees that the amount of the product will not be increased or decreased more than 25% without the consent of the vendor.

**GROUP “A”
C-700 STANDARD COLD WATER METERS**

Specifications are for ¾" thru 2" Standard Water Meters. Herein are minimum requirements which are intended to govern, in general, the size and types of materials desired. The City of Edinburg reserves the right to evaluate minor exceptions to these specifications.

SCOPE

All meters furnished shall be magnetic drive, sealed registers, nutating disc positive displacement piston type designed for water works services. It is the intent of the City to minimize the repair of any meters furnished under these specifications.

APPLICABLE SPECIFICATIONS

1. Except as otherwise modified or supplemented herein, AWWA Standard C-700 (or the latest revision thereof) shall govern the materials, design, manufacture and testing of all meters furnished under these specifications.

MATERIAL REQUIREMENTS

1. The main case for all sizes shall be of no-lead high copper alloy ANSI/NSF 61 certified. All meters shall have cast on them, in raised characters, the size and direction of flow through the meters.

REVISED SPECIFICATIONS

REQUEST FOR BIDS FOR COLD WATER METERS (Continued):

2. The measuring chamber shall be unitized construction (i.e. complete with measuring element, calibration devised and registered in one assembly). The measuring chamber shall be capable of operating within its accuracy limits without recalibration when transferred from one main case to another. The measuring element shall be mounted horizontal stationary shaft with bearings and essentially weightless in water.
3. The measuring chamber or center section shall be self contained units easily removed from main case.
4. Main case connections: Shall be no-lead high copper alloy, straight.

REGISTER

1. Register shall be affixed to the upper part of the meter case in such a way as to insure that it will be tamper resistant. Meter case must have stainless steel tamper resistant torex head screw.
2. Registers shall be a "Sealed Register" type. Shall read in gallons and have a large test or sweep hand, and shall be equipped with low flow indicators.
3. Register shall be magnetically driven; low torque, high resolution low flow leak detection straight reading type; hermetically sealed against fogging, moisture, dirt, and corrosion; and mechanically unconnected from the measuring components.
4. The register lens shall be of a high strength heat tested glass to minimize breakage.
5. The register box and lid shall be made of bronze with locking hasp as standard equipment.
6. In the event that special tools are required to maintain maintenance on a meter, the bidder shall furnish a sufficient supply at no cost.

PERFORMANCE AND TEST REQUIREMENTS

1. The manufacturer shall submit a letter of certification that new meters will test accurate as designated by AWWA Standard C-700 or latest revision.

GUARANTEE

1. The new meters furnished under this contract shall meet the required new meter accuracy standards as established by AWWA Standards C-700, latest revision, for a period of one year from date of receipt.
2. Each bidder shall state the type and model of meter quoted, as listed in his catalogue, and literature shall be furnished to the City of Edinburg at the time bid is submitted.
3. Meter quoted shall have been operational in a municipal distribution system for a minimum of five (5) years.
4. Meters that fail due to deterioration of metal parts used in the manufacture will result in a \$25.00 back charge to the supplier to cover costs of the City of Edinburg removing and reinstalling the meter.

Meters accepted will be Badger, Hersey, or Sensus only, or approved equal by the Director of Utilities.

REVISED SPECIFICATIONS

REQUEST FOR BIDS FOR COLD WATER METERS (Continued):

GROUP "B" COLD WATER TURBO METERS

Specifications are for 1½" thru 2" Turbo Water Meters. Herein are minimum requirements which are intended to govern, in general, the size and types of materials desired. The City of Edinburg reserves the right to evaluate minor exceptions to these specifications.

SCOPE

All meters furnished shall be magnetic drive, sealed registers, turbine type designed for water works services. It is the intent of the City to minimize the repair of any meters furnished under these specifications.

APPLICABLE SPECIFICATIONS

1. Except as otherwise modified or supplemented herein, AWWA Standard C-701 (or the latest revision thereof) shall govern the materials, design, manufacture and testing of all meters furnished under these specifications.

MATERIAL REQUIREMENTS

1. The main case shall be of bronze material and lead free. Meters shall have cast on them, in raised characters, and the size and direction of flow through the meters.
2. All meters, in addition to the manufacturer's serial numbers, shall have City Shop numbers stamped on the outside of the lid. City Shop numbers will be furnished at the time order is placed.
3. The measuring chamber shall be unitized construction (i.e. complete with measuring element, calibration devised and registered in one assembly). The measuring chamber shall be capable of operating within its accuracy limits without recalibration when transferred from one main case to another. The measuring element shall be mounted horizontal stationary shaft with bearings and essentially weightless in water.
4. The measuring chamber or center section shall be self contained units easily removed from main case.
5. All external bolts, nuts and washers shall be of a non-corrosive water works bronze or stainless steel and be easily removed from the main case.
6. Main case connections: Flanges on the 1½" thru 2" meters shall be oval. Meters shall be furnished with two (2) bronze companion flanges. And on the 3" thru 4" size meters shall be round faced. Also, each respective meter should come with inside iron pipe thread, bronze bolts, and nuts and gaskets.

REGISTER

1. Register shall be affixed to the upper part of the meter case in such a way as to insure that it will be tamper resistant. Meter case must have stainless steel tamper resistant torex head screw.
2. Registers shall be a "Sealed Register" type. Shall read in gallons and have a large test or sweep hand, and shall be equipped with low flow indicators.

REVISED SPECIFICATIONS

REQUEST FOR BIDS FOR COLD WATER METERS (Continued):

3. Register shall be magnetically driven; straight reading type; hermetically sealed against fogging, moisture, dirt, and corrosion; and mechanically unconnected from the measuring components.
4. The register lens shall be of a high strength heat tested glass to minimize breakage.
5. The register box and lid shall be made of bronze with locking hasp as standard equipment.
6. In the event that special tools are required to maintain maintenance on a meter, the bidder shall furnish a sufficient supply at no cost.

PERFORMANCE AND TEST REQUIREMENTS

1. The manufacturer shall submit a letter of certification that new meters will test accurate as designated by AWWA Standard C-701 or latest revision.

GUARANTEE

1. The new meters furnished under this contract shall meet the required new meter accuracy standards as established by AWWA Standards C-701, latest revision, for a period of one year from date of receipt.
2. Each bidder shall state the type and model of meter quoted, as listed in his catalogue, and literature shall be furnished to the City of Edinburg at the time bid is submitted.
3. Meter quoted shall have been operational in a municipal distribution system for a minimum of five (5) years.
4. Meters that fail due to deterioration of metal parts used in the manufacture will result in a \$25.00 back charge to the supplier to cover costs of the City of Edinburg removing and reinstalling the meter.

Meters accepted will be Badger, Hersey, or Sensus only, or approved equal by the Director of Utilities.

GROUPS "C" 2" - 6" COMPOUND WATER METER

CLASSIFICATION

These specifications cover a contract for Cold Water Meters, 2" thru 6: Compound Water Meters. Included herein are minimum requirements which are intended to govern, in general, the size and types of Materials desired. The City of Edinburg reserves the right to evaluate minor exceptions to these specifications

CONFORMANCE TO STANDARDS

The meters shall meet or exceed all requirements of ANSI/AWWA Standard C701 and C702 for Class II compound and turbine meter assemblies. Each meter assembly shall be performance tested to ensure compliance.

REVISED SPECIFICATIONS

REQUEST FOR BIDS FOR COLD WATER METERS (Continued):

MAINCASES

The meter maincase shall be of epoxy coated ductile iron composition. The epoxy coating shall be provided as standard fusion-bonded and adhere to NSF/ANSI 61 for nonlead regulation compliance.

PERFORMANCE

The meter assembly shall have performance capability of continuous operation up to the rated maximum flows

as listed below without affecting long-term accuracy or causing any undue component wear. The meter assembly shall also provide a 25% flow capacity in excess of the maximum flows listed for intermittent flow demands. Maximum headloss through the meter / strainer assembly shall not exceed those listed in following table per meter size.

MEASURING CHAMBER

The measuring chamber shall be made of corrosion resistant material and shall be tamper resistant, removable housing, and all-electronic register. The measuring element shall be mounted on a horizontal, stationary stainless steel shaft with sleeve bearings and be essentially weightless in water. Measuring chamber shall be capable of operating within the above listed accuracy limits without calibration when transferred from one maincase to another of the same size on a horizontal, stationary stainless steel shaft with sleeve bearings and be essentially weightless in water. Measuring chamber shall be capable of operating within the above listed accuracy limits without calibration when transferred from one maincase to another of the same size.

CONFORMANCE TO STANDARDS: ELECTRONIC REGISTER OR NON ELECTRONIC REGISTERS

The meter register can be electronic or non electronic and shall be a single billing "Sealed Register" type shall read in gallons and have a large test, or sweep hand.

MAXIMUM OPERATING PRESSURE

The meter assembly shall operate properly without leakage, damage, or malfunction up to a maximum working pressure of 200 pounds per square inch (psi).

STRAINERS

The meter strainer shall be integral and cast as part of the meter's maincase. The strainer's screen shall have a minimum net open area of at least two (2) times the pipe opening and be a V-shaped configuration for the purpose of maintaining a full unobstructed flow pattern. The strainer body shall be a coated ductile iron fusion-

bonded epoxy identical to that of the meter's maincase. All fasteners shall be stainless steel capable of maintaining the following static pressure rating.

CONNECTIONS

Flanges for the 2" size meter assemblies shall be of the 2-bolt oval flange configuration. The 3", 4", 6", 8" and 10" size meter assemblies shall have flanges of the Class 125 round type, flat faced and shall conform to ANSI B16.1 for specified diameter, drilling and thickness.

CERTIFICATIONS AND MARKINGS

All sizes of meter shall display the sizes and in addition to the manufactures serial numbers Citys shop numbers must be stamped on the outside of the meter lid. City of Edinburg will furnish assigned numbers at

REVISED SPECIFICATIONS

REQUEST FOR BIDS FOR COLD WATER METERS (Continued):

the time of order.

GUARANTEE AND MAINTENANCE

Meters shall be guaranteed against defects in material and workmanship for a period of one (1) year from date of shipment. In addition, the meter supplier shall submit nationally published literature clearly outlining its factory maintenance program and current price schedule covering complete measuring chamber exchange. In the event that special tools are required to perform maintenance on a meter, the bidder shall furnish a sufficient supply at no cost to the City.