



**STATE OF ALABAMA  
COUNTY OF SHELBY**

**SEALED BIDS - 2" – 4" WATER METERS**

Sealed bids for 2" – 4" WATER METERS will be received in the office of the County Manager, Shelby County Administration Building, 200 West College Street-Room 123, Columbiana, Alabama 35051 until 2:30 P.M., December 5, 2023, at which time bids will be opened publicly and read. The County Commission reserves the right to reject any or all bids and to waive informalities in awarding this bid to the lowest responsive bidder. Bidders are to state that bids submitted are firm and that no claims for errors will be made after bids are opened and subsequent thereof. If you have any questions concerning bid specifications, please contact Cynthia McCall at [cmccall@shelbyal.com](mailto:cmccall@shelbyal.com).

**GENERAL INFORMATION**

All bidders **must** use our form for submitting their bid. All bids must be sealed and marked in the lower left-hand corner "**BIDS – 2" – 4" WATER METERS**" with opening date and time. Late bids will not be opened. Bids will not include State Sales Tax or Federal Excise Tax.

Records showing successful bidder and prices quoted will be placed on file and may be examined upon request. If contract is awarded to someone other than lowest bidder, a note of explanation will appear in the bid file and Commission Minutes. Use of trade names and numbers shall be interpreted as establishing a standard of quality and shall not be construed as limiting competition.

**DISQUALIFICATION OF BIDS**

Bids may be disqualified before awarding of the contract for any of the following:

1. Failure to mark envelope as required.
2. Failure to sign or notarize the bid document.
3. Failure to include requested information, samples when specified or other details of the bid.

**METHOD OF AWARD**

The award will be made to the lowest responsible bidder meeting specifications for each item bid. It is not the policy of the Shelby County Commission to purchase on the basis of low bid only. Quality, conformity with specifications, purpose for which required, terms of delivery, and past service and experience are among the factors that may be considered in determining the responsive bidder.

The Shelby County Commission reserves the right to award separate contracts for each item, each product, or any combination of products if in the best interest of the Shelby County Commission. Upon awarding of this contract and bid the Shelby County Commission reserves the sole right to end said contract at their sole discretion.

**CONTRACT PERIOD/PRICING**

The period of this contract will be for ninety (90) days from date bid is awarded. This contract may be renewed for up to three (3) years from the initial award date upon the agreement of both parties.

**IMMIGRATION LAW**


By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

**OPEN TRADE**

By signing this contract, vendor agrees that it is not currently engaged in, nor will it engage in, any boycott of a person or entity based in or doing business with a jurisdiction with which the State of Alabama can enjoy open trade.

**Please provide your bid response in triplicate, one original and two copies.**

Bids will not include State Sales Tax or Federal Excise Tax.

  
Chad Scroggins  
County Manager

**GENERAL CONDITIONS FOR**  
**2" – 4" Water Meters**  
**Lead-Free Standards**  
**November 2023**

**I. CONTRACT PERIOD**

The period of this contract will be for **Ninety (90) Days** from the date the bid is awarded. This contract may be renewed for up to **Three (3) Years** from the initial award date upon the agreement of both parties. The bid price will remain firm during the period of the contract.

**II. DELIVERY**

Deliveries shall be made within seven (7) working days from the date of order. The vendor shall notify Water Plant Operator or Shelby County Water Services personnel (the person who ordered the product) of any problems in meeting the mandatory seven (7) working day deadline and the vendor must schedule a specific delivery day and time with personnel if the deadline is not met. Excessive failure to deliver within seven (7) working days shall be grounds for rejection of the vendor for future purchases, at the sole discretion of Shelby County.

Rejection of an unacceptable delivery method shall not excuse the vendor from the seven (7) working day delivery requirement.

**All quoted prices shall include delivery charges (including, but not limited to, shipping charges and surcharges).** Deliveries shall be made to the following addresses:

**Shelby County Field Operations – Westover**  
**82 Big Oak Circle**  
**Westover, AL 35185**

**Shelby County Field B2 Office**  
**10610 Old Hwy 280**  
**Chelsea, AL 35043**

**III. BILLING**

Invoice payments shall be based solely on the quantity of items received and the vendors stated bid price. **The product shall be billed by items received, and all prices shall include shipping.** Shelby County Water Services requires a Purchase Order for every order placed. Shelby County Water Services is tax-exempt.

All invoices shall be billed to:

**Shelby County Water Services**  
**200 West College Street, Room 145**  
**Columbiana, AL 35051**  
**ap-water-landfill@shelbyal.com** preferred method of delivery.

#### IV. **ESTIMATED ANNUAL USE**

Products will be ordered on an **AS-NEEDED** basis. Estimated quantities for products are on attached bid documents.

#### V. **BID QUALIFICATIONS**

**All BIDDERS must submit product information with bids.** Information to be submitted must show the product proposed meets all the specifications listed below and list **ALL EXCEPTIONS** to the specifications in a separate document.

**QUOTATION SHEET  
SHELBY COUNTY WATER SERVICES  
2" – 4" WATER METER  
NOVEMBER 2023**

**COMPANY:** \_\_\_\_\_

**All quoted prices shall include delivery charges (including, but not limited to, shipping charges and surcharges).**

<b>BID: 2" – 4" WATER METERS – NOVEMBER 2023</b>					
<b>BID ITEM</b>	<b>MAKE OR MANUFACTURER</b>	<b>MODEL #</b>	<b>ESTIMATED QUANTITY NEEDED</b>	<b>UNIT PRICE EACH (DELIVERED)</b>	<b>TOTAL COST</b>
<b>2" Sensus Coronel or Approved Equal</b>			<b>1</b>		
<b>2" Sensus Coronel with Integrated Pressure Sensor or Approved Equal</b>			<b>10</b>		
<b>3" Sensus Coronel or Approved Equal</b>			<b>1</b>		
<b>4" Sensus Coronel or Approved Equal</b>			<b>1</b>		

In the event of discrepancies, Unit Price shall govern.

**QUOTATION SHEET  
SHELBY COUNTY WATER SERVICES  
2" – 4" WATER METER  
NOVEMBER 2023**

**THE UNDERSIGNED OFFERS THE PRICES, TERMS, AND DELIVERY ON THE QUOTATION SHEET AS PER BID GENERAL CONDITIONS AND SPECIFICATIONS:**

**NAME OF COMPANY:** \_\_\_\_\_

**BY: (Please Print):** \_\_\_\_\_

**SIGNATURE:** \_\_\_\_\_

**COMPANY ADDRESS:** \_\_\_\_\_

\_\_\_\_\_

**PHONE:** \_\_\_\_\_

**E-MAIL:** \_\_\_\_\_

**BIDS SUBMITTED ARE FIRM AND NO CLAIMS FOR ERRORS WILL BE MADE AFTER BIDS ARE OPENED AND SUBSEQUENT THEREOF.**

**Sworn to and subscribed before me this**

**the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.**

\_\_\_\_\_, **Notary Public**

**My Commission Expires:** \_\_\_\_\_

**QUOTATION SHEET 2 OF 2**

# **BID SPECIFICATIONS FOR 2" Water Meter**

## **Conformance to standards:**

- Meters will comply with the current requirements of the Safe Drinking Water Act and other federal regulations for potable water, meet current ANSI/AWWA standards, and current NSF standard 61 requirements.

## **Meter Design:**

- Meter body will be constructed of epoxy coated ductile iron.
- Meter flanges will be U.S. ANSI B16.1 / AWWA Class 125
- Meter will have an open-flow tube design preventing obstruction of flow to reduce pressure loss.
- Meter will be available in standard AWWA compound and turbo lay lengths.
- Register and meter electronic components will be fully potted and must be weatherproof, UV-resistant, and fully submersible.
- Maximum operating pressure of the meter body will be a minimum of 200 psi
- Register housing and lid will be noncorrosive and constructed with engineering thermoplastic or an equivalent with a fully encapsulated battery within the register housing and minimum 20-year battery life.
- Register will be permanently attached to the meter and sealed to prevent moisture intrusion
- 2" meters will offer an optional integral pressure sensor
- 3" and 4" meters will have an integrated pressure sensor
- The size, model, and direction of flow through the meters will be permanently visible.

## **Measurement:**

- Meter will sample six times per second or more.
- Meter test mode will offer enhanced reading resolution and will not alter the sampling rate from the standard meter operation sampling rate.
- 2" meters will have a starting flow rate of .05 gpm
- 2" meters will have a low flow accuracy range of 0.18-0.26 gpm where flow accuracy is guaranteed to be 97%-103% with zero upstream and downstream straight pipe requirements
- 2" meters will have a standard operating accuracy range of 0.26-220 gpm where flow accuracy is guaranteed to be 98.5%-101.5% with zero upstream and downstream straight pipe requirements
- 3" meters will have a starting flow rate of .44 gpm
- 3" meters will have a low flow accuracy range of 0.44-0.70 gpm where flow accuracy is guaranteed to be 97%-103% with zero upstream and downstream straight pipe requirements
- 3" meters will have a standard operating accuracy range of 0.70-550 gpm where flow

accuracy is guaranteed to be 98.5%-101.5% with zero upstream and downstream straight pipe requirements

- 4" meters will have a starting flow rate of 0.70 gpm
- 4" meters will have a low flow accuracy range of 0.70–1.14 gpm where flow accuracy is guaranteed to be 97%-103% with zero upstream and downstream straight pipe requirements
- 4" meters will have a standard flow accuracy range of 1.14-1000 gpm where flow accuracy is guaranteed to be 98.5%-101.5% with zero upstream and downstream straight pipe requirements

## **Register Features:**

- Batteries will be fully encapsulated within the register with a 20-year battery life.
- Meter will have water temperature alarm capabilities
- Register to display up to nine digits with lines over the reading digits which will be transmitted via the AMR output communication
- Register will have the ability to communicate through NFC
- Meter will be able to withstand being fully submerged
- Register will have the capability to transmit up to 9 AMR digits
- Register will have the capability to transmit a pulse output
- Register pulse weight and width should be programmable
- Meter will have a programmable electronic register capable of changing the unit of measure and AMR digits
- Register will have configurable alarm thresholds for transmission of customer leak, low battery, reverse flow, high flow, high or low pressure, and high or low temperature alarms.

## **Warranty:**

- Meter will have a twenty (20) year non-prorated accuracy warranty
- Meter will have a twenty (20) year battery warranty in which the first fifteen (15) years is a non-prorated replacement.
- Meter will have a five (5) year non-prorated warranty on integrated sensors