



MOBILE AREA WATER & SEWER SYSTEM

Joyce Sawyer, Buyer II

(251) 694-3110 Office

jasawyer@mawss.com

Mobile Area Water and
Sewer System
4725 Moffett Road
Mobile, AL 36618-2236

PO Box 180249
Mobile, AL 36618-0249

INVITATION FOR BID

January 29, 2026

INVITATION FOR BID NUMBER	IFB 26-009
NAME OF BID	Purchase of Four (4) Oxygen Sensors for CC Williams WWTP
BIDS WILL BE RECEIVED AT	<p>MAWSS Bid Box Donaghey Business Entrance 4725 Moffett Road Mobile, AL 36618</p> <p>If sending bids by UPS/Fed Ex, deliver to the Warehouse: 1610 Shelton Beach Rd. Ext., Mobile, AL 36618</p>
BID OPENING DATE	February 12, 2026
BID CLOSING TIME	10:30 am Central Time
AWARD WILL BE MADE BY	Total Cost & Lead Time
MATERIAL DELIVERED TO	CC Williams WWTP 1600 Yeend St. Mobile, AL 36603
ADDITIONAL INFORMATION CONTACT	Jed Barbour (251) 378-3513 Email: jbarbour@mawss.com Michael Ponder (251) 721-2850 Email: mjponder@mawss.com
APPLICABLE SDP POLICY	None

Sealed bids must be in the Purchasing Department no later than the time specified in order to be considered. Submissions received after the deadline will not be considered. Envelopes must bear the name of the supplier, company address and the words "IFB 26-009 Oxygen Sensors Purchase" or "IFB 26-009 NO QUOTE." Facsimile or email bids will not be accepted.

All bids must be submitted on the attached forms, or your bid will be disqualified. Bidder shall furnish all the information required by the solicitation. The bidder's name must be typed or printed on the bid sheet and signed by the bidder or appropriate authorized executive officer of the bidder's company. Bidders must initial any changes or erasures. Bidders should retain a copy of bids for their records.

Bidders shall acknowledge receipt of all addenda to this solicitation by signing and returning each addendum or by identifying the addendum number and the date on the bid form. Failure to acknowledge receipt of any addendum by a bidder will result in rejection of the bid if MAWSS determines that the addendum contains information that materially changes the requirements.

All bids shall be quoted FOB Destination, freight prepaid with no additional charges. Unless otherwise specified in the bid, all prices will be on a firm-fixed price basis and are not subject to adjustments based on costs incurred. MAWSS reserves the right to reject any or all bids submitted, to waive any informality in any bid or in the bid process, or to terminate the bid process at any time, if deemed by MAWSS to be in MAWSS's best interest.

A Purchase Order and this "Invitation for Bid" with "Specifications," "Conditions," "Bid Form," signed by the successful bidder's authorized representative, and all attached drawings and other documents furnished by MAWSS to the bidders with the Invitation for Bid in order to illustrate the contract requirements, will constitute a contract for the goods and/or services to be purchased.



Joyce Sawyer, Buyer II
Board of Water and Sewer Commissioners

IFB 26-009 OXYGEN SENSORS PURCHASE CONDITIONS

The Board of Water and Sewer Commissioners of the City of Mobile will accept bids for the **Oxygen Sensors Purchase** in our Purchasing Department Bid Box located at the Business Entrance at 4725 Moffett Road, Mobile, AL 36618 **no later than 10:30 a.m.** local time on **February 12, 2026**. Bids will be opened immediately after bid closing time in the Operations Center Board room located at the Customer Service entrance. Award will be by **Total Cost & Lead Time**. The bidder offers and agrees, if this bid is accepted, to furnish the items as defined in the specifications for the unit price set opposite each item. Pricing shall be FOB Mobile, Alabama. All items shall be delivered to **CC Williams WWTP located at 1600 Yeend St., Mobile, AL 36603**, or to the job site as needed. The bidder shall state the expected length of delivery time on the Bid Form.

Bidder understands and agrees that manufacturer and part numbers are provided for descriptive purposes only. Items of equal or better quality will be considered but must be approved by MAWSS in writing. Upon delivery, if the quality, durability or performance of any product represented as equal or better is determined by MAWSS to be unsatisfactory, MAWSS will require a suitable substitute or will require that the originally specified item be delivered, at the unit price originally offered by bidder. No substitution for items to be provided pursuant to this contract shall be permitted during the contract period without the express written consent of MAWSS. All items provided shall be for commercial use and for the purposes reflected in the contract documents.

No bid on closed out or discontinued item(s) will be accepted. Item(s) that have a determinable shelf life must be disclosed at the time of bid submittal. Bidder understands that his/her bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receiving bids.

Bidder understands and agrees that quantities will be purchased by MAWSS on an "as needed" basis to replenish inventory. MAWSS shall not be committed to the purchase of a pre-established minimum quantity for any one item.

A bidder may not modify its bid after bid opening. Errors in the extension of unit prices stated in a bid or in multiplication, division, addition or subtraction in a bid may be corrected by the MAWSS Purchasing Buyer prior to award. In such cases, unit prices shall not be changed.

It is the responsibility of the bidder to determine prior to the bid opening whether any amendment, additions, deletions or changes of any type have been made to this Invitation for Bid, Conditions, Specifications, Bid Form or any of the other bid documents. Bid documents and any amendments made to this bid will be posted on our website at www.mawss.com.

Invoicing Requirements: MAWSS requires additional information for all work performed and services provided. On the vendor's invoice for payment should be a detailed listing of work performed, services provided, dates completed, locations involved, and any other pertinent information needed to verify the work and/or services were completed in accordance to the bid specs. This additional information can be supplied in the form of detailed invoices, work orders, checklists or any other documents used to track the work performed or services provided but details must be included on the actual invoice. A copy of the invoice and these additional details must be sent to the "ADDITIONAL INFORMATION CONTACT" found on Page 1 of the bid documents and a copy emailed to Accounts Payable at AcctsPayable@mawss.com.

END OF CONDITIONS

**IFB 26-009 OXYGEN SENSORS PURCHASE
SPECIFICATIONS**

**CLIFTON C. WILLIAMS WASTEWATER TREATMENT PLANT
Thermoparamagnetic Oxygen Transmitter Specification Sheet**

Service: Covered High Purity Oxygen Activated Sludge Reactors

PART 1 GENERAL

1.01 Deliverable

- A. The successful bidder shall supply four (4) thermoparamagnetic oxygen transmitters packaged in aluminum, explosion-proof enclosures with a display. The transmitters shall work in conjunction with four (4) sample systems provided by the successful bidder designed for measurements in blanket gas and inert gas applications where condensates need to be returned to the process.

1.02 Capability:

- A. The thermoparamagnetic oxygen transmitter shall be designed for stability and longevity in a hazardous area while providing high accuracy percent-level measurements.
- B. The sample system must deliver a clean, representative sample to the thermoparamagnetic oxygen transmitter at optimal temperatures, pressures, and flow rates.

1.02 Thermoparamagnetic Oxygen Transmitter Technical Specifications

- A. Accuracy - +/- 1% of span
- B. Linearity - +/- 0.5% of span
- C. Repeatability - +/- 0.2% of span
- D. Zero Stability - +/- 1% of span per month
- E. Span Stability - +/- 0.4% of span per month
- F. Analog Output – Two 4-20 mA isolated, field programmable
- G. Power – 24 VDC +/- 4 VDC, 2.5A
- H. Operating Pressure – Close to atmospheric
- I. Enclosure – Aluminum, explosion proof, with display
- J. Wetted material – 316 Stainless Steel
- K. O-Rings – Viton
- L. Certification – US/CAN Div 2
- M. Standard Response Time – 75 Seconds

- N. Oxygen Output Range – 0 to 100%
- O. Calibration Compensation – Atmospheric pressure compensation and standard background gas compensation
- P. Safety Level – SIL2 by Design
- Q. Ambient Operating Temperature shall be rated as -20° C to +40° C
- R. Field calibration via integrated HMI
- S. Modbus communication port connects with PC software or separate control system
- T. Four alarms
- U. Warm up time – 30 minutes
- V. Ergonomical and compact design with 4 conduit connections on both sides of the transmitter
- W. Integrated display

1.03 Sample System

- A. Process Connections – 1/4" Tube Fittings
- B. Process Tubing – 1/4" x 0.0035" SS 316L
- C. All process components shall be individually tagged

1.04 Warranty:

- A. 18-month warranty

1.05 Submittals:

- A. Manufacturer's literature, specifications, and engineering data including dimensions, material, size and weight.
- B. Operation and maintenance manuals including complete installation, operation and maintenance data including installation and wiring diagrams.
- C. A complete parts list and exploded view diagram of all equipment supplied.
- D. List of recommended critical spare parts expected to economically wear or with extensive estimated lead times.

1.06 Manufacturer(s):

- A. Acceptable manufactures include:
 1. Panametrics or approved equivalent

END OF SPECIFICATIONS

**IFB 26-009 OXYGEN SENSORS PURCHASE
BID SHEET**

Oxygen Sensors Unit Cost \$ _____

Total Cost \$ _____**

**Total cost must include all charges/fees such as freight.

Manufacturer/Model _____

Warranty* _____

*(if different from what is requested in the specifications on page 4)

Delivery (ARO): _____
(After receipt of order)

Company Name _____ **Payment Terms** _____

Address _____

City, State, Zip _____

Submitted By _____ **Title** _____
Please Print

Phone _____ **Email Address** _____
Please Print

The signer declares under penalty of perjury that she/he is authorized to sign this document and bind the company or organization to all terms and conditions of this agreement.

Signature _____ **Date** _____