

**INVITATION FOR BID
October 27, 2025**

INVITATION FOR BID NUMBER	IFB 25-050	
NAME OF BID	Purchase of a Mixer Gearbox for C.C. Williams WWTP	
BIDS WILL BE RECEIVED AT	MAWSS Bid Box Donaghey Business Entrance 4725 Moffett Road Mobile, AL 36618	If sending bids by UPS/Fed Ex, deliver to the Warehouse: 1610 Shelton Beach Rd. Ext., Mobile, AL 36618
BID OPENING DATE	November 7, 2025	
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 Chris McCormack (251) 423-5684 Email: cmmccormack@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 25-050 Mixer Gearbox" or "IFB 25-050 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 25-050 MIXER GEARBOX CONDITIONS

The Board of Water and Sewer Commissioners of the City of Mobile will accept bids for the **Mixer Gearbox** 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 **November 7, 2025**. 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 25-050 MIXER GEARBOX
SCOPE/SPECIFICATIONS**

PART 1 – GENERAL

1. SCOPE

- a. The purpose of this bid is to procure a mixer gearbox, compatible mixer shaft, and impeller blades for installation at the Clifton C. Williams Wastewater Treatment Plant. The equipment must be supplied as a complete, fully compatible assembly designed for continuous wastewater service and mounted to existing baseplates.

2. SUBMITTALS

- a. Informational Submittals:
 - i. Two (2) physical copies of the manufacturer's operations and maintenance manuals must be provided in 3-ring binders to the Owner.
 - ii. One (1) digital PDF copy of the manufacturer's operations and maintenance manual must be provided to the Owner.
 - iii. Detailed shop drawings and schematic design documents.

PART 2 – EQUIPMENT

1. GEARBOX

- a. Gearbox shall be furnished with custom items such that it is a “drop-in” replacement with no work needed by the Owner.
- b. Model shall be Lightnin 98QCMX manufactured by SPX Flow or approved equivalent.
- c. Series shall be Lightnin 980 series (98Q size).
- d. Gearbox shall have a mounting type Q/CMX adapter plate to match existing base plate.
- e. Ratio shall be 31.64:1.
- f. Motor frame shall be 364TC. MAWSS to supply electric motor.
- g. Shaft coupling shall be of the rigid-rigid type and must adapt to existing shaft as coordinated with Owner.
- h. Gearbox shall have the following drive features:
 - i. Parallel shaft with double reduction gearing.
 - ii. Carburized and ground helical gearing.
 - iii. Dry well oil dam and lubrication pump.
 - iv. Design shall meet AGMA standards.
 - v. Bearing life must be equal to or greater than 100,000 hours.
- i. Power range shall be suitable for 20-175 HP.
- j. Speed range shall be within 20-100 RMP.

2. MIXER SHAFT

- a. Shaft shall be furnished with custom items such that it is a “drop-in” replacement with no work needed by the Owner.
- b. Mixer shaft shall be a Philadelphia Raven shaft or approved equivalent.

- c. Shaft coupling shall be of the rigid-rigid type and must adapt to existing gearbox as coordinated with Owner.
- d. Diameter shall be 5.0 inches
- e. Length shall be 103.7 inches
- f. Wetted parts material shall be carbon steel.

3. IMPELLER BLADES

- a. Blades shall be Lightnin A200 impeller blades or approved equivalent.
- b. Diameter shall be 87.0 inches.
- c. Blades shall conform to a 5.0" shaft diameter with a keyed attachment.
- d. Blade thickness and pitch shall conform to Lightnin A200 specifications.

PART 3 – INSTALLATION

1. INSTALLATION

- a. Provide adequate qualified personnel to be on-site during the installation of equipment.
- b. MAWSS to install mixer, shaft, and blade assemblies.
- c. MAWSS to install motor.
- d. MAWSS to supply electrical power.
- e. Installation must be coordinated with the Owner to develop a written plan to install the mixer, shaft, and blades such that the treatment process is not impeded during installation.

2. EQUIPMENT TESTING AND STARTUP

- a. Performance Test: A performance test after installation is required. Current loads, vibration, alignment, noise, speed, thermal imaging, lubrication levels, and all other performance metrics recommended by the manufacturer must be tested and certified.
- b. Provide certification that equipment installation meets manufacturer's proper installation requirements.
- c. Start-up shall be considered complete when, in opinion of the Owner, the equipment has operated in a manner intended for 5 continuous days without interruption.

PART 4 – TRANSPORTATION

1. TRANSPORTATION

- a. Equipment shall be delivered undamaged to the Clifton C. Williams Wastewater Treatment Plant located at 1600 Yeend St., Mobile, AL 36603.
- b. Notice shall be given 24 hours prior to delivery to Jed Barbour, who can be contacted at (251) 378-3513, or Chris McCormack, who can be contacted at (251) 423-5684
- c. Transportation costs shall be included in bid pricing – no additional transportation costs shall be paid by MAWSS.
- d. Bidder is responsible for delivering and unloading equipment on-site in new and undamaged conditions.
- e. The bid items shall be delivered to the Owner within 12 weeks of issuance of order and order to proceed as per bid specifications.

PART 5 – WARRANTY

1. WARRANTY

- a. Unless otherwise agreed to in writing, Bidder shall warranty goods, auxiliaries, and parts thereof to the Owner against defective workmanship and material for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of delivery, whichever expires first.

END OF SCOPE/SPECIFICATIONS

**IFB 25-050 MIXER GEARBOX
BID SHEET**

Total Cost \$ _____

Manufacturer/ Model: _____

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** _____