

**INVITATION FOR BID
September 23, 2025**

INVITATION FOR BID NUMBER	IFB 25-046	
NAME OF BID	Purchase of a Waste Gas Burner for CC 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	October 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	Barry Smith (251) 378-3503 Email: basmith@mawss.com or Jed Barbour (251) 222-2363 Email: jbarbour@mawss.com	
APPLICABLE SDP POLICY	None	

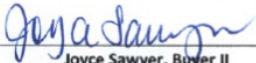
Sealed bids must be in the Purchasing Department no later than the time specified in order to be considered. Submissions received after the deadline will not be considered. Envelopes must bear the name of the supplier, company address and the words "IFB 25-046 Waste Gas Burner" or "IFB 25-046 NO QUOTE." 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 25-046 WASTE GAS BURNER CONDITIONS

The Board of Water and Sewer Commissioners of the City of Mobile will accept bids for the **Waste Gas Burner** in our Purchasing Department Bid Box located in the Business Entrance at 4725 Moffett Road, Mobile, AL. 36618 **no later than 10:30 a.m.** local time on **October 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.

A mandatory site visit is required for vendors that did not participate in the previous bid site visit. Please contact Jed Barbour at 251-222-2363 or Chris McCormack at 251-423-5684 to schedule a site visit.

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 25-046 WASTE GAS BURNER SPECIFICATIONS

STANDARD SPECIFICATIONS

1. Waste Gas Burner shall have a 6-inch size waste gas connection. Burning capacity shall not be less than 200,000 SCFH gas at 1/2-inch water column pressure drops. Burner shall be designed to burn waste gas composed of primarily methane, having approximately 550 to 600 BTU value. Waste gas shall pass through a "curtain of flame" developed by the ring-type pilot. Waste gas shall be deflected across the pilot flame by a baffle that is integral to the burner stack. Pilot observation and inspection port shall be provided on the burner stack.
2. Burner stack shall be equipped with a mounting plate for field installation of an electric pilot igniter constructed of 304 or 316 stainless steel and aluminum cover. The pedestal shall include a gasketed and separate base plate suitable for mounting on concrete or steel support. The burner stack shall be equipped with dual pilots, located 180° apart.
3. Burner pedestal and stack shall be fabricated of 316 stainless steels. Pilot flame ring shall be heat-resistant 304 or 316 stainless steel. The pilot orifice and fittings shall be 304 or 316 stainless steels. Pilot gas connections shall be ½-inch NPT. Maximum waste gas inlet pressure shall be 20 inches water column.
4. A secondary stack shall be supplied if recommended by the manufacturer.
5. Waste Gas Burner shall be Varec Biogas 239A Series or equivalent.

2. Manual Pilot Ignition System

- A. A manual/cycling electric pilot ignitor shall be supplied for use with the waste gas burner. The control panel shall include a compact ignition transformer and an adjustable timing relay. The enclosure shall be fitted with an external three-position "Hand-Off-Auto" switch. The panel enclosure shall be NEMA 4X Stainless Steel. The transformer shall be energized when power is applied, and the switch is in the "Hand" position, it will deliver continuous high voltage to spark the ignition electrode.
- B. When the three-position selector switch is turned to the "Auto" position, the timer shall be activated, and it will alternately energize and de-energize the transformer that cycles the ignition spark. The timer provided shall have an independent adjustment for spark duration and spark interval. Both times shall be adjustable from 3 to 300 seconds.
- C. A separate ignition electrode assembly with weatherproof housing shall be supplied for installation on the burner stack. The ignition electrode housing shall be 304 or 316 stainless steels with aluminum cover. The control panel enclosure and electrode housing shall be provided with ½-inch NPT female conduit connections. Manual/ cycling electric pilot ignitor shall be Varec Biogas 240HOA Series or equivalent.

3. Back Pressure Regulator

- A. Single port regulators shall have 6-inch size flanged connections. Regulator shall be used for upstream control and shall be set to maintain 2 to 12 inches of water column back pressure, pending on the user.
- B. A large spring-loaded diaphragm shall control regulator valve. The regulator shall operate normally closed and shall maintain back pressure within approximately 10% of the setting. The spring barrel shall include a glass-enclosed pointer and scale to indicate setting. A spring adjusting screw shall permit setting

adjustments without disassembling the diaphragm housing. Setting range shall be from 2 to 12 inches of water column pressure.

- C. Construction shall be low copper cast aluminum body, diaphragm and spring housings, and diaphragm inner plate. Inner valve shall include low copper aluminum pallet with 304 SS stems and bushings. Diaphragm shall be molded BUNA-N rubber with Nylon reinforcement. Setting spring shall be zinc plated steel. Valve shall include ½ inch NPT connections for the pressure sensing line and atmospheric vent line. Tubing provided by Contractor per the manufacturer's recommendations.
- D. The unit shall come with a three-way solenoid valve. The solenoid valve will open and close the regulator based on PILOT ON/OFF indication from the burner control panel.
- E. Backpressure Regulator shall be Varec Biogas 386 series or equivalent.

4. Insulating Jackets

- A. Outdoor installed units shall be provided with an easily removable 1-inch-thick insulation jacket. The insulation jacket shall be constructed with a silicone Impregnated woven glass cloth lining with a 1 inch thick, 6-lb density fiber glass insulating material. Through-cover quilting pins provide firm support for the insulation. The pins shall keep the insulation from shifting inside the liner and jacket for dimensional stability and uniform heat retention. The silicone lining has inside seams and folded closing seams with two parallel rows of stitching. The specially made insulating jacket shall be attached to the unit with a combination of Velcro and cinch belts. Insulation jackets shall allow access to maintenance on flame arrestors without removing the entire jacket.

Delivery and Set Up

- A. Delivery of waste burner and all contents should be to:
C.C Williams WWTP
1600 Yeend St.
Mobile, Al. 36603
- B. Start-Up and Training included with (2) year warranty
- C. Installation to be performed by MAWSS and approved as satisfactory by the bidder prior to start-up of the unit.

END OF SPECIFICATIONS

**IFB 25-046 WASTE GAS BURNER
INSURANCE REQUIREMENTS**

- A. **General:** The Supplier shall provide insurance in accordance with the required specifications. A current certificate of insurance must be provided with your bid. MAWSS does not need to be named as an additional insured on this certificate until bid is awarded.
- B. **Supplier Coverage:** The Supplier shall not commence work under this Contract until he has obtained all insurance required under the following paragraphs and until such insurance has been approved by the Owner, nor shall the Supplier allow any subcontractor to commence work on his subcontract until all similar insurance required of the subcontractor has been obtained and approved. If the subcontractor does not take out insurance in his own name, the Supplier shall provide such insurance protection for the subcontractor and such subcontractor's employees.
- C. **Casualty Insurance:** The following insurance coverages (with limits not less than specified herein) shall be maintained by the Supplier for the duration of the Contract, affording coverage for any claim arising out of Supplier's operations herein, whether by the Supplier or by any subcontractor or by any Employee or Agent of either:
1. Claims of employees under Worker's Compensation and other similar employee benefit acts, including claims because of bodily injury, occupational sickness or disease, or death.
 2. Claims arising out of bodily injury, sickness, disease, or death of any person other than employee.
 3. Claims for damages arising out of libel, slander, false arrest, detention or imprisonment, malicious prosecution, defamation or violation of right of privacy, wrongful entry or eviction or other right of private occupancy, including claims as a result of an offense related to the employment of a claimant by Contractor (so-called "Personal Injury").
 4. Claims arising out of damage to or destruction of tangible property, including loss of use.
 5. The Supplier shall furnish certification of insurance and policies verifying that the above coverages are in effect before commencing any work, and that each policy is endorsed to give the Owner 30 day notice in writing in the event of cancellation or material change therein.

Policies of Insurance shall state that the Owner and the Owner's employees be named as additional insureds on the Supplier's Automobile Liability and Commercial General Liability policies. In respect to Worker's Compensation, a Waiver of Subrogation shall be issued in favor of the Owner. Where applicable, the U.S. Longshore and Harbor Workers' Compensation Act Endorsement shall be attached to the policy. Where applicable, the Maritime Coverage Endorsement (to include coverage under Jones Act) shall be attached to the policy. Both the U. S. Longshore and Harbor Workers and the Maritime Coverage shall have limits equal to or greater than the employer's liability coverage.

6. Rated by AM Best – A- or better. For non-admitted companies, a rating of A or better by AM Best.
 - a. At the discretion of the Board, worker's compensation insurance may be placed through a qualified worker's compensation self-insurance fund.

b. **Limits of Liability:**

Worker's Compensation	Statutory
Employers' Liability	\$500,000 Each Accident \$500,000 by Disease, Policy Limit \$500,000 by Disease, Each Employee
Commercial Automobile	\$1,000,000 Each Accident Bodily Injury and Property Damage Combined Business Auto Includes All Owned, Leased, Hired and Non-Owned Automobiles
Commercial General Liability	\$1,000,000 per Occurrence \$1,000,000 Personal & Advertising Injury \$2,000,000 General Aggregate per Project \$2,000,000 Products & Completed Operations Aggregate \$100,000 Fire Damage Liability

Umbrella Liability: In addition to the basic limits previously set out for Commercial General Liability, Products and Completed Operations, Automobile Liability and Worker's Compensation, coverage shall be issued with a "pay on behalf of" wording, including Personal Injury and other extensions, and provide coverage at least as broad as that afforded by the primary insurance policies.

Extensions (only if applicable):

Blanket Contractual Liability	Blanket Collapse and Underground Coverage
Personal Injury	Broad Form Property (including Completed Operations)
Host Liquor Liability	Employees as Additional Insureds
Non-owned Watercraft Liability	Incidental Medical Malpractice
Worldwide Products	Extended Bodily Injury (Assault and Battery)
Fire Legal Liability	
Newly Acquired Organizations	

When and if the use of explosives for blasting purposes appears necessary or desirable, such methods shall not be undertaken without written authorization of the Owner, and then only provided that acceptable extensions of liability coverage have been obtained specifically to include the explosion ("X") hazard and the collapse ("C") hazard. The policy of general liability shall include the special underground property damage coverage (providing the so-called "U" hazard) on a blanket basis.

- D. **Owner's Protective Liability:** The Supplier shall furnish from a carrier acceptable to the Owner, a policy of liability insurance, commonly called "Owner's Protective Liability" in the name of the Board of Water and Sewer Commissioners of the City of Mobile, d/b/a MAWSS, providing "Independent Contractor's Coverage" for the operations embraced by this Contract with limits of \$1,000,000 bodily injury and \$1,000,000 property damage. Policy shall be endorsed so that the premium is to be paid by the named Supplier.

END OF INSURANCE

**IFB 25-046 WASTE GAS BURNER
BID SHEET**

Total Cost* \$ _____

*Must include all charges, including but not limited to: Start-up, Training, 2-year warranty and freight charges, if applicable.

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** _____