



February 17, 2025

Addendum #2 - IFB 25-003 Diesel Engine & Generator Maintenance Annual Contract

Prospective Bidders:

The above solicitation is amended as set forth below; bidders **MUST** acknowledge receipt of this addendum. **Please sign & return this form with your sealed bid.**

Please review the following changes/updates:

- 1. Page 5 – PM (Preventive Maintenance):

Please remove the following sentences:

Change the jacket water with approved antifreeze and DCA (diesel coolant additive) during the first PM of the contract period. Test antifreeze and inform zone manager of deficiencies during inspections and PMs afterwards.

Replace with:

Anti-Freeze coolant shall be changed in all generators/motors at the start of the first year of contract, and shall be tested and replaced if test results so indicate at the start of each subsequent annual renewal period granted by MAWSS under terms of contract.

A copy of a revised page 5 of the bid is included.

Printed Name

Date

Signature


Email Address

Company Name

Telephone Number

Company Address

City, State, Zip


Joyce Sawyer, Bayer II
Board of Water and Sewer Commissioners

IFB 25-003 DIESEL ENGINE & GENERATOR MAINTENANCE SCOPE OF WORK

The contract shall cover a period of one (1) year, with a minimum of two (2) visits per site during the contract. Visits shall be classified as an **Inspection** or **PM (Preventative Maintenance)**.

MAWSS will allow access to the premises housing the units for the purpose of performing the inspections/services during normal working hours. Visits shall include a qualified service technician with service vehicle and accompanied by a MAWSS representative.

Inspections:

Stationary Generator Inspections

Inspections shall be performed annually for each site. The inspection shall include a thorough examination of all belts, hoses, battery condition (fluid level, specific gravity, and cold cranking amps) and cable connections, air cleaner, engine oil, jacket cooling water, block heater, complete fuel system including day tank, pump and lines, battery charger, control station gauges and switches, radiator cooling fins, and exhaust system.

Upon completion of inspection the unit shall be operated **under load** (off of utility power and onto generator power) for a period of 30 minutes to ensure all systems are functioning properly. The MAWSS representative will maximize load on the generator to the extent possible at the time of testing by turning on additional pumps or other equipment at the time of generator testing.

Any deficiencies found shall be brought to the attention of the appropriate supervisor/zone manager so repairs can be authorized under a new purchase order. A detailed report (check-off sheet p. 7-8) of the inspection shall be completed.

Only the portable generators require load bank testing on a regular schedule for 2 hours, once per year during the PM.

Portable Generator Inspections

In addition to the applicable inspection items for stationary generators mentioned above, the following shall be inspected on portable generators:

- Inspect and lubricate coupler (on ball type units);
- Inspect tow chains and hooks;
- Inspect lubricate and exercise tongue jack for proper operation;
- Inspect and test electrical connector, wiring and lighting fixtures for proper operation; and
- Inspect tires, rims, lugs and grease cap for proper operation.
- Inspect bearings for excess play

PM (Preventive Maintenance):

Preventative maintenance (PM) shall be performed annually for each site six (6) months after the Inspection. The PM shall include all items listed in the inspection plus the changing of all fluids and filters such as the engine oil filter. **Anti-Freeze coolant shall be changed in all generators/motors at the start of the first year of contract, and shall be tested and replaced if test results so indicate at the start of each subsequent annual renewal period granted by MAWSS under terms of contract.** Upon completion of the PM, the unit shall be operated **under load** (off of utility power and onto generator power) for a period of 30 minutes to ensure all systems are functioning properly.

Any deficiencies found shall be brought to the attention of the appropriate supervisor so repairs can be authorized under a new purchase order. A detailed report (check off sheet) of the inspection and work performed shall be completed.

Due to coal dust, the air filters on the generator units at the C.C Williams Plant and the Virginia St. Lift Station shall be replaced when both inspections and PM are performed (twice per year).