



GUAM SOLID WASTE AUTHORITY

LOURDES A. LEON GUERRERO
Governor of Guam

JOSHUA F. TENORIO
Lt. Governor of Guam

IRVIN L. SLIKE
General Manager



October 30, 2025

INVITATION FOR BID

GSWA-001-26

ELECTRICAL DESIGN & INSTALLATION FOR NEW BIODIESEL PRODUCTION EQUIPMENT

AMENDMENT NO. 3

1. Amend to replace pages 30 & 31 with the "Revised 10/30/2025 Page 30 & 31" attached.

*All others remain the same.

Irvin L. Slike,
General Manager

ACKNOWLEDGEMENT RECEIPT

Return to GSWA by email or fax.

Received By: _____

Date: _____

Company Name: _____

Fax to: 671-649-3777

Email: procurement@gswa.guam.gov



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ITEM #	DESCRIPTION	QUANTITY	UOM	UNIT PRICE	EXTENDED PRICE
1.0	Electrical Design & Installation for New Biodiesel Production Equipment as per the following scope of work	1	LOT	\$	\$

OVERVIEW:

The Guam Solid Waste Authority (GSWA) has procured biodiesel production equipment capable of converting up to 12,000 gallons of used cooking oil per month into ASTM D6751-compliant biodiesel. The equipment will be housed in three (3) shipping containers located behind GSWA’s administrative office. To support the installation and operation of this system, GSWA is soliciting bids from qualified and licensed electrical contractors to provide the complete electrical installation, including power distribution, grounding, and all necessary connections to safely and efficiently operate the biodiesel processing system in compliance with applicable codes and safety standards.

GSWA will be responsible for placing the (3) containers in their respective locations. The Biodiesel equipment’s components inside the container have not yet been installed in their respective places inside the containers, but the (3) sheets of 11”x17” drawings provided under these bid documents show the designed scaled respective places (see attached “Exhibit A”).

GSWA’s supplier of the biodiesel processing system, Springboard Biodiesel, LLC, is scheduled to arrive on Guam on or about February 1, 2026, to install the biodiesel equipment components within their designated locations inside the shipping containers. Installation will proceed following the completion of the electrical system installation and will include the commissioning of the biodiesel equipment.

SCOPE OF WORK:

The following scope of work represents the minimum standards required by GSWA. Bidders must state, in writing, any exception to the specifications. Acceptability of alternative specifications is the sole determination of GSWA. GSWA reserves the right to conduct testing, following delivery, if necessary, to determine whether to not the goods conform to GSWA’s requirements.

**COMPLY /
NON-COMPLIANCE**

Design phase:

Bidders shall utilize the existing Emergency Generator as the temporary power supply of the biodiesel equipment. Note: GSWA will bid out at a later time the connection of power to the GPA power supply to prevent any delay in project completion.

Bidder shall incorporate the attached 11”x17” drawings provided as “Exhibit A” in the design.

Bidder shall be responsible for the calculation of required power supply and tie-in design approach to the existing emergency generator.

Bidder may consider the alternative to discontinue existing connections to GSWA truck wash facility and strictly assign that power supply, or an upgraded one, to the Biodiesel project.

Bidder shall be responsible for the most feasible design locations of all electrical components, that includes but not limited to the following; Main Shut-off Breaker Panel board, Distribution Panel board with main shut-off breaker, the wiring conduits, sub panels, branch circuits, outlets, switched, lighting fixtures, etc.

A main shut-off breaker panel board shall be installed inside a weatherproof enclosed structure.

The electrical transmission line from the main shut-off breaker panel board to the distribution circuit breaker panel board to the Biodiesel equipment will be above ground and all electrical distribution conduits inside the containers will be exposed.



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COMPLY / NON-COMPLIANCE

Bidder must be a licensed Electrical Engineer or have a licensed Electrical Engineer associated with the company to perform the design and to prepare the Electrical construction plans.

The design must be in compliance with all applicable local and US Electrical codes, Standards and Regulations.

The Construction plans shall include but not limited to the following:

Title Sheet, Location Map, Vicinity Map and Sheet Index

General Notes, Legend and Symbols, Abbreviation Sheet

Electrical site plans and elevation

Electrical line diagram or wiring diagram that shows the entire Electrical system and Miscellaneous details.

The design phase must be completed within (18) calendar days from the date of the issuance of Purchase Order to include GSWA review time. The construction plans must be 18"x24".

Upon issuance of the Purchase Order by GSWA within (7) calendar days, the Contractor shall submit (2) sets of the 60% Preliminary Design submittal for review and approval.

Upon review and approval of the 60% Design Submittal within (8) calendar days, the contractor shall submit (2) sets of the 100% design submittal for review and approval.

Upon review and approval of the 100% Design Submittal within (3) calendar days, the contractor shall submit (2) sets of the final design submittal for review and approval.

The final design plans must be approved and signed by the licensed electrical engineer and submitted in an electronic file with (2) sets of blueprint plans.

Upon acceptance of the final design plans by GSWA, the contractor may submit an invoice amounting 30% of the design bid amount to GSWA for processing.

Construction Phase:

Bidder shall furnish all labor, materials, tools, equipment, supervision, and services necessary for the installation of the designed electrical system for the new GSWA Biodiesel Equipment, including all necessary appurtenances, complete and ready for operation.

All construction and installation work shall be performed in accordance with the construction plans and specifications to be developed and submitted by the successful bidder and approved by GSWA prior to commencement of work.

The contractor must have a Master Electrician to perform the tie-in of the powerline to the existing power source and to ensure the proper installation of the electrical system components and its appurtenances.

The contractor must submit construction materials and specifications submittals (All components of the electrical system, Equipment, and associated Materials) for review and approval by GSWA prior to the proceeding of construction takeoff.