



Republic of the Philippines
SOUTHERN LUZON STATE UNIVERSITY
Lucban, Quezon



REQUEST FOR QUOTATION

RECOMMISSIONING OF MINI POWERPLANT (CEN)

Purchase Request No. 2025-02-0536

Approved Budget for the Contract: ₱ 350,000.00


The Southern Luzon State University through the Bids and Awards Committee invites interested firms/supplier to submit quotation for the procurement of **Recommissioning of Mini Power Plant (CEN)** to apply the sum of **Three Hundred Fifty Thousand Pesos Only (₱ 350,000.00)** inclusive of VAT, being the **Approved Budget for the Contract (ABC)**, details as follows:

Qty.	Unit	ITEM/S DESCRIPTION
1	lot	RECOMMISSIONING OF MINI POWERPLANT
		(SLSU Steam Power Plant Refurbishment)
		*see attached document for specifications

1. The quotation must be submitted (can also be send thru email at the contact details listed below) or to the Office of the Procurement Office/Bids and Awards Committee, Southern Luzon State University, 2nd Flr. Hermano Puli Building, and shall be received by the Committee.

E-mail : slsuprocedurement@slsu.edu.ph

2. The SLSU reserves the right to reject any or all quotations and/or proposals and waive any formalities/ informalities therein and to accept such bids it may consider as most advantageous to the agency and to the government. Southern Luzon State University SLSU neither assumes any obligation for whatsoever losses that may be incurred in the preparation of bids, nor does it guarantee that an award will be made.


MARIDEL C. ZABELLA
Director, Procurement Office
Southern Luzon State University
Lucban, Quezon
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PROJECT: SLSU Steam Power Plant Refurbishment

LOCATION: SLSU-Lucban

Scope of Works:

1. Initial Assessment and Inspection
 - a. Check operating manuals, maintenance records, and safety guidelines.
 - b. Visual Inspection: Inspect for rust, corrosion, leaks, or physical damage in pipes, boilers, and turbine components.
 - c. Check for any pest infestation or debris accumulation in the plant area.
 - d. Electrical System Check: Ensure electrical connections, wiring, and control systems are intact.
 - e. Safety Equipment: Inspect safety valves, gauges, fire extinguishers, and emergency shutoff systems.
2. Boiler System Preparation
 - a. Remove sediment, scale, or debris inside the boiler and pipes.
 - b. Hydrostatic Test: Perform a pressure test to verify the boiler can safely handle operating pressure.
 - c. Water Quality: Test and treat feedwater to prevent scaling and corrosion.
 - d. Burner Inspection: Check fuel systems (oil/gas) and ensure the burner is clean and functional.
3. Turbine and Mechanical Systems Lubrication
 - a. Re-lubricate bearings, moving parts, and seals.
 - b. Alignment: Verify shaft alignment between the turbine and the generator.
 - c. Blade Inspection: Examine turbine blades for damage, corrosion, or wear.
4. Condenser and Cooling System Clean Condenser
 - a. Remove scale or deposits in the condenser tubes.
 - b. Cooling Water: Ensure the cooling water system is clean and operational.
 - c. Pump Functionality: Test and repair feedwater and cooling pumps as needed.
5. Cooling tower inspection
6. Piping repair/replacement
7. Control and Instrumentation Calibrate Instruments
 - a. Check pressure gauges, thermometers, and flow meters for accuracy.
 - b. Control Systems: Verify the functionality of control panels, automation systems, and alarms.
 - c. Testing Sensors: Confirm all safety and operational sensors are functional.
8. Safety Systems Relief Valves Inspection
 - a. Inspect and test safety relief valves for proper operation.
 - b. Emergency Stop: Ensure emergency stop mechanisms work correctly.
 - c. Training and Procedures: Conduct a safety briefing and operational refresher for operators.
9. Dry Run and Startup Trial Run
 - a. Perform a dry run without steam to test mechanical and electrical systems.
 - b. Gradual Heat-Up: Gradually bring the boiler up to pressure and temperature to avoid thermal stress.
 - c. Load Testing: Test the plant under gradual loading to ensure stability and efficiency.
10. Documentation and Compliance Regulatory Approvals
 - a. Ensure the plant complies with local safety and environmental regulations.
 - b. Update Logs: Record all inspections, repairs, and tests in maintenance logs.
11. Re-training of faculty and/or laboratory custodian.
12. Monitoring During Operation. Regularly monitor temperature, pressure, vibrations, and other critical parameters. (to unusual noises, leaks, or abnormal readings) during initial operation.



