

INVITATION TO TENDER: SUPPLY AND COMMISSIONING OF BIOMASS CARBONIZATION MACHINES

Reference Number: BGL2025/079

Contracting Authority: Bongomin Group Limited

Funding Source: 50% aBi through Rikolto International

Project Name: Climate-Resilient Businesses for Wetland Adjacent Communities

Publication Date: 29th December 2025

Tender Submission Deadline: 15th January 2026, 23:59 (GMT +3 - Kampala Time)

1. Project Background and Objective

Bongomin Group, with 50% funding from aBi through Rikolto International, is launching a tender for the supply, delivery, installation, and commissioning of a high-performance biomass carbonization machine. The objective is to convert agricultural residues into high-quality biochar, enhancing soil health, promoting carbon sequestration, and encouraging environmentally friendly agricultural practices.

2. Scope of Work

The selected bidder will be responsible for:

- Supplying a carbonization unit capable of processing 1,000 to 3,000 kg of raw biomass per hour.
- Supplying continuous rotary carbonization equipment with a dual-cylinder structure for drying and carbonization.
- Supplying auxiliary equipment such as grinders, drying, and cooling systems.
- Installation, performance testing, and commissioning of the equipment.
- Technical training for staff on operations and maintenance.

3. Mandatory Technical Requirements

- Operation Mode:** Continuous (not batch).
- Safety:** Explosion-proof devices and high-performance sensors.
- Environmental Compliance:** Advanced dust removal systems and smoke-free operation.
- Performance:** Biochar yield $\geq 30\%$ of rice husk input
- Electric Power Consumption:** 25 to 35 kW at startup, self-sustaining operation.
- Operating Temperature:** 550 to 650°C.

4. Information and Clarifications

Bidders may request clarifications by sending their questions to the following address before **5th January 2026**: info@bongomingroup.org

Responses to clarifications will be provided no later than **10th January 2026**.

5. Tender Submission Requirements

a) Administrative Documents :

- Signed tender letter by an authorized company representative.
- Company registration certificate.
- Tax clearance certificate.



- Proof of 5 years' experience in manufacturing biomass machines.
- Proof of Puro.Earth certification or equivalent.
- Bank details (RIB).

b) Technical Documents :

- Detailed description of the proposed equipment.
- Brochures and technical manuals
- References for at least 3 similar projects within the past 5 years
- Equipment performance test reports
- Delivery timeline: 45 days from the contract signature.

c) Financial Documents :

- Detailed financial offer (total cost for equipment, installation, training, etc.).
- Proof of financial capacity (financial statement, bank statement, etc.).
- Warranty commitment for the equipment's lifetime.
- The offer must remain valid for 90 days from the submission deadline.
- Offers must be submitted in USD (US Dollars), Euro, or UGX (Ugandan Shillings). The exchange rate will be based on the rate on the submission deadline, as per the OANDA website.
- The proposed equipment price must be FOB (Free On Board)

6. Submission Guidelines

- **Submission Format:** The tender must be submitted in a single password-protected PDF file, containing administrative, technical, and financial documents.
- **Language:** All documents must be written in English.
- **Submission by Email:**
Email Addresses: info@bongomingroup.org, andrew.e@bongomingroup.org
- **Hardcopy Submission:**
Address: Plot 50A Wanale Road, Senior Quarters, Mbale City, Uganda (For the submission of hardcopy tenders, ensure that your tender is securely sealed in an envelope and signed in the register to indicate the date and time of submission as a reference).

Deadline for Submission: All tenders must be received by **15th January 2026, 23:59 (Kampala time)**.

7. Eligibility and Qualification Criteria

The evaluation will follow the **Quality and Cost Based Selection (QCBS)** method, with the following weightings:

- **Administrative Compliance:** 20%
- **Technical Compliance:** 60%
- **Financial Compliance:** 20%



The contract will be awarded to the bidder with the highest combined score from the administrative, technical and financial evaluations.

