



Noonu Atoll Company  
Secretariat of the South Miladhunmadulu Atoll Council  
Boduthakurufaanu Magu, N.Manadhoo 04100, Maldives

# Invitation for Bids (IFB)

## Supply, Delivery, and Commissioning of Composting Equipment for Noonu Atoll Council

**Bid Number:** NAC-BID-2025-010

**Date:** 05 October 2025

The Noonu Atoll Council invites qualified service providers to participate in supply and delivery of equipment's for Organic waste management Project to implement decentralized food waste composting systems across all inhabited islands within Noonu Atoll.

### 1. Project Overview

**Objective:** To establish sustainable community composting systems based on the **Takakura method**, which is a **low-tech, low-labor, cost-effective urban composting models** appropriate for small island communities. This initiative will support waste reduction, environmental sustainability, and circular economy principles across the atoll's inhabited islands.

The project aims to create comprehensive composting infrastructure and capacity building programs that will enable island councils to manage organic waste effectively while producing valuable compost for local agricultural activities.

The objective is to establish decentralized food waste composting systems in each island's Waste Management Centre (WMC) through the supply of standardized composting equipment.

### 2. Scope of Supply & Minimum Specifications (with Quantities)

Bidders must quote for the **entire lot** (all items). Equivalent or superior specifications may be offered with clear evidence.

Item	Function	Key Specifications	Quantity
Industrial Food Grinder (Steel Shredder)	Shreds food waste to accelerate decomposition	<b>Motor:</b> 7.5 HP · <b>Power:</b> 380 V, 50 Hz, 3-phase · <b>Capacity:</b> ~500–800 kg/hour · <b>Material:</b> Stainless steel (food grade) · <b>Features:</b> Safety guard, overload protection, easy-clean design	<b>12 units</b>

<b>Ribbon Mixer (SC-RS 3)</b>	Mixes shredded food waste with seed compost prior to bagging	<b>Motor:</b> 3 HP · <b>Voltage:</b> 220–240 V, 50 Hz · <b>Amperage:</b> 15 A · <b>Speed:</b> 1450 RPM · <b>Capacitors:</b> Start 180 µF / Run 25 µF · <b>Bearings:</b> Front 6207 ZZ, Rear 6206 ZZ · <b>Frame:</b> 112 · <b>Insulation:</b> Class F · <b>Capacity:</b> ~500 L (suitable for 50–100 kg batches)	<b>12 units</b>
<b>Sieve / Shifter (Scheppach)</b>	Separates fine compost from coarse fibres	<b>Voltage:</b> 230–240 V, 50 Hz · <b>Motor Power:</b> 0.36 kW (P1) / 0.18 kW (P2) · <b>Current:</b> 1.1 A · <b>Speed:</b> 1400 RPM · <b>Insulation:</b> Class B · <b>Protection:</b> IP44 · <b>Capacitor:</b> 8 µF / 450 V (Scheppach or equivalent)	<b>12 units</b>
<b>Compost Thermometer</b>	Daily temperature monitoring	<b>Probe Length:</b> 45–50 cm · <b>Range:</b> 0–100 °C · <b>Material:</b> Stainless steel probe with shatter-proof dial	<b>24 units</b>
<b>Sorting Table</b>	Manual removal of plastics, glass, metals prior to composting	<b>Size:</b> ~1.5 m × 1.0 m (waist height) · <b>Material:</b> Stainless steel or powder-coated steel with washable top · <b>Features:</b> Smooth surface, easy wash-down, optional side bins	<b>12 units</b>
<b>Gunny Bags (Reusable)</b>	Bagging of compost mixture for fermentation/maturation	<b>Capacity:</b> 50–100 kg · <b>Material:</b> Breathable jute or woven polypropylene · <b>Reusability:</b> Minimum 20–30 cycles with proper handling	<b>8,000 units</b>
<b>PPE (for WMC Staff)</b>	Ensures staff safety	<b>Set specification:</b> Heavy-duty gloves; rubber/PVC anti-slip boots; washable cloth or disposable N95 masks; waterproof washable aprons	<b>Gloves: 60 units · Boots: 36 pairs · Masks: 60 units · Aprons: 60 units</b>

### 3. Supplier Eligibility & Criteria

- Bidders must submit verifiable evidence of similar projects completed in the Maldives within the past five years, including:
  - Project name, description, and location
  - Scale and scope of supply
  - Client organization and contact person for verification
  - Completion certificates or reference letters (verifiable by phone/email)

### 4. Logistics Delivery & Commissioning

- Delivery Location: Noonu Atoll Council Secretariat, Manadhoo (central hub).
- Installation & commissioning will be supervised jointly by project consultants and WMC staff of each island (coordination provided by the Atoll Council).
- Machinery user manuals shall be provided.
- Provide on-site operator orientation for safe use and routine care (in coordination with project consultants).
- Bidders offering shorter delivery times will receive proportionally higher scores.

### 5. Evaluation Criteria

Criterion	Weight	Details
Price	60%	Lowest price bid gets full points; others pro-rated
Delivery	30%	Full points for $\leq 30$ days delivery
Relevant Experience	10%	Full points for proven experience in supply/installation of similar equipment (at least 3)



## 6. Submission Instructions

### Submission of Bids

#### Bids must include:

- Company profile and relevant experience. (Refer to section 3)
- Quotation with **itemized unit prices, total price**, delivery, and warranty terms.
- **Delivery timeline** (from award to delivery at Manadhoo hub).

#### Required Documents;

The proposal package must include:

- A detailed proposal and price quotation. Equipment specifications and descriptions.
- **Warranty:** Minimum **12 months** on motors and parts.
- Bidders must provide proof of authorization from the manufacturer or evidence of being a verified distributor, importer, or reseller of the offered equipment in the Maldives. Acceptable documents include:
  - Authorization letter from manufacturer or national distributor
  - Import registration/licensing where applicable
- Compliance with **Maldivian import regulations** and applicable certifications.
- Completed project details as mentioned in section-3
- Credit period document.

#### Proposal Submission

Interested parties must register their Expression of Interest via this [registration link](#). Registration closes on 9<sup>th</sup> October 2025. Queries shall be forwarded to [hello@noonunaturally.com](mailto:hello@noonunaturally.com), all registered parties will receive details of queries and responses.

Service providers are invited to participate in this project to support data-informed development in Noonu Atoll. For more information, visit the website or contact us.

Complete proposals must be submitted no later than 13th October 2025, 14:00 hrs. Late submissions will not be considered.

## 7. Contact Information

For queries or additional information, please use the contact details below:

- **Phone Numbers:** 6560012 or 6560028
- **Email Address:** [hello@noonunaturally.com](mailto:hello@noonunaturally.com)
- **Office Address:** Noonu Atoll Company Office, Noonu Manadhoo, Republic of Maldives

The Noonu Atoll Administration welcomes your participation in this initiative, as we chart the path towards sustainable development and environmental stewardship for our unique and precious atoll.

