



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-2025-011

**Date:** 15 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
<b>Industrial Food Grinder (Steel Shredder)</b>	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>

Bidders shall propose clearance and transportation charges in addition to the equipment's quote.



### 3. 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.

### 4. Evaluation Criteria

Criterion	Weight	Details
Price	80%	Lowest price bid gets full points; others pro-rated
Delivery duration	20%	Full points for $\leq 30$ days delivery



## 5. Submission Instructions

### Submission of Bids

#### Bids must include:

- Company profile
- Quotation with **itemized unit prices, total price, delivery and clearance price**, 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.

#### Proposal Submission

Interested parties must register their Expression of Interest via this [registration link](#). Registration closes on 21<sup>st</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 23rd October 2025, 14:00 hrs. Late submissions will not be considered.

## 6. 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.

