

# EXPRESSION OF INTEREST (EOI) FOR THE PROCUREMENT OF HYDROPONICS



## GIZ Rwanda

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## Expression of Interest (EOI)

### Procurement of Hydroponics.

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### Introduction

The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH is a federally owned international cooperation enterprise for sustainable development with worldwide operations. The GIZ Office in Kigali covers GIZ's portfolio in Rwanda and Burundi. GIZ Rwanda/Burundi implements projects on behalf of the German Federal Ministry for Economic Cooperation and Development, the European Union and other commissioning authorities in the following priority areas: Sustainable Economic Development; Good Governance; Climate, Energy and Sustainable Urban Development; Digitalization and Digital Economy; and regional projects in the Great Lakes Region.

The Women's Economic Empowerment project intends to procure a contractor for the provision of a hydroponics system.

### 1. Minimum Specifications

The minimum specification are as follows:

Item	Quantity	Minimum Specifications	Example Picture
Hydroponic Fodder System	1	<p><b>1. System Capacity &amp; Performance</b></p> <ul style="list-style-type: none"> <li>• <b>Daily Fodder Yield:</b> 686 kg</li> <li>• <b>Tray Capacity:</b> 400 trays</li> <li>• <b>Fodder Growth Cycle:</b></li> <li>• <b>Cows (Milk &amp; Beef):</b> 7 days</li> <li>• <b>Pigs, Rabbits, Goats, Sheep:</b> 6 days</li> <li>• <b>Poultry:</b> 4 days</li> <li>• <b>Fish:</b> 3 days</li> </ul> <p><b>2. Input Requirements</b></p> <ul style="list-style-type: none"> <li>• <b>Seed Input per Tray:</b> 1.5 kg - 2 kg (Maize, Wheat, Barley, Sorghum)</li> <li>• <b>Harvested Fodder per Tray:</b></li> <li>• <b>Poultry:</b> Minimum 6 kg (4th day)</li> <li>• <b>Cows:</b> Minimum 13 kg (7th day)</li> <li>• <b>Water Requirement:</b> Plain potable water</li> <li>• <b>Decontaminants:</b> Vinegar (acetic acid)</li> <li>• <b>Cleaning Agents:</b> Soap for containers and hygiene maintenance</li> </ul> <p><b>3. Material Requirements</b></p> <p>The system should be constructed using the following materials:</p> <p><b>1. Fodder Trays:</b></p> <ul style="list-style-type: none"> <li>• <b>Material:</b> Aluminum</li> <li>• <b>Capacity:</b> Holds 1.5 kg - 2 kg of grains per tray</li> </ul> <p><b>2. Germination Chambers:</b></p> <ul style="list-style-type: none"> <li>• Plastic Incubators</li> <li>• Plastic Germination Chambers</li> <li>• Plastic Incubator Covers</li> </ul> <p><b>3. Shading &amp; Structure:</b></p> <ul style="list-style-type: none"> <li>• Black Shadenet (45%-50% shade level)</li> </ul>	

**Metallic Tubes:**

- 40" x 40" inches
- 30" x 30" inches
- Cemented Flooring

**4. Additional System Requirements**

- The system should support controlled temperature and humidity to enhance germination and growth.
- Adequate drainage and aeration to prevent mold and spoilage.
- A system layout that facilitates easy harvesting and cleaning.
- Compliance with food safety and hygiene standard

**5. Installation & Maintenance Requirements**

- Provide installation services and ensure the system is fully operational.
- Training for system operators on fodder production, maintenance, and hygiene.
- Availability of technical support and spare accessories.

**6. Warranty**

- Warranty: Minimum 1-year warranty on all structural components and operational defects.

**N.B:**

- The bidder should include the transportation and installation cost of the goods to the premises of WVO Ltd in their bidding price.
- The bidder should include a picture of the proposed item in their bid.

**1. Timeline**

The contractor is expected to deliver the item within two weeks from the time they receive the local purchase order (LPO)

## 2. Delivery Location

The goods will be delivered to the Wood Valley Organics (WVO Ltd) farm office, House No. 191 located in Karambo Village, Mbandazi Cell, in Rusororo Sector, Gasabo District Kigali.

**Submission of offer:** The Expression of Interest should contain the following:

- Company registration certificate (RDB)
- VAT-Registration Certificate
- Latest tax clearance certificate

Your EoI has to be submitted on email to [RW\\_Quotation@giz.de](mailto:RW_Quotation@giz.de) until **13/04/2025** The financial offer has to be submitted in **PDF format and the price must be in Rwandan Francs and VAT excluded (if applicable) and as attachment to the email** with the subject: **Financial offer 91187197**

If the emails exceed the default email size of 30MB, offers can be exceptionally submitted through <https://filetransfer.giz.de/> Offers submitted through any other sharing platform, as google documents or similar will not be considered.

Offers submitted in hard copy will not be considered.

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