

CAMS Engineering Plc
Material Management and Logistics Services
Addis Ababa, Ethiopia

Date: October 1, 2025

Reference: CAMES-2025-01

Subject: Request for Technical Proposal and Quotation

Dear Sir/Madam,

CAMS Engineering Plc hereby invites all eligible, qualified, and competitive manufacturing suppliers to submit their technical proposals and quotations for the following requirements:

- 1. Modular/Containerized Cold Room Facility**
- 2. Container-Mounted Solar Panel System** – as detailed in the attached Request for Proposal (RFP), to be utilized for value chain integration.

The evaluation of bids will be conducted in accordance with the Company's Materials Management Policy and Procedures by the Purchase Committee. A complete set of specifications is included in the attached RFP document for review by interested and qualified suppliers.

Quotations must be submitted in sealed form to the address provided below **no later than 12:00 AM (EAT), October 08, 2025.**

Address CAMS Engineering Plc ORDA Building 15th Floor Office Number A2

Bid Closing Date: October 08, 2025

Bid Opening Date: October 08, 2025

We look forward to receiving your proposal within the stated deadline.

Sincerely,



Enc ____ pages

Request for Proposal (RFP)

Procurement of Cold Room Facility and Container-Mounted Solar Panel Systems Issued by: CAMS Engineering PLC

1. Introduction

CAMS Engineering PLC, under the IAP-supported project, invites qualified suppliers to submit proposals for the supply, delivery, and installation of the following lots:

- **Lot 1:** Modular/Containerized Cold Room Facility
- **Lot 2:** Container-Mounted Solar Panel Systems (includes Part A and Part B)

Suppliers may submit proposals for **Lot 1, Lot 2, or both lots**. However, **lots may not be split**; each lot must be quoted and delivered as a complete package.

2. Scope of Supply

Lot 1: Modular/Containerized Cold Room Facility

- **Design:** Modular cold room facility, optionally containerized for ease of mobility and rapid deployment.
 - **Size:** Outside: 2.6m (H) x 9m (L) x 2.2m (W)
 - **Panels:** High-density PUR insulation core, 100mm thickness, $\lambda = 0.02 \text{ W/(m}\cdot\text{K)}$, density 40kg/m^3 , flame retardant rating B2.
 - **Wall & Ceiling:** PPGL coating, polyester finish, silicone sealing, embossed aluminum wall, optional (2mm, 0.5m high)
 - **Floor:** Two layers XPS (50mm each) with waterproof film.
 - **Doors:** Sliding or swing door, polyurethane-injected, PVC finishing frame, stainless-steel accessories, EPDM gaskets, lockable. Size: 1.8m (H) x 2.1m (W)
 - **Accessories:** Ceiling fixtures, hanger rods, wire rope, mushroom head fasteners.
 - **Operating Temperature:** $\sim 2^\circ\text{C}$, suitable for agricultural produce storage.
 - **Mobility Requirement:** Modular and/or containerized structure must allow relocation with standard transport equipment.
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Lot 2: Container-Mounted Solar Panel Systems

This lot includes two system types that must be quoted as a package:

Part A: Standard System

- Daily Energy Requirement: ~19.83 kWh/day
- Panel Capacity: 4.76 kW (9 × 540 W monocrystalline panels)
- Inverter: ≥5 kW hybrid inverter with MPPT
- Charge Controller: ≥150V / 60A MPPT
- Battery: 48V LFP battery (~25–30 kWh usable, 1-day autonomy)
- Mounting: Fixed tilt, structural anchoring, container-mounted
- Monitoring: Remote monitoring (Wi-Fi/GPRS enabled)
- Warranty: 25 years performance (panels), 10 years product

Part B: Double-Capacity System

- Daily Energy Requirement: ~39.65 kWh/day
- Panel Capacity: 9.52 kW (18 × 540 W monocrystalline panels)
- Inverter: ≥10 kW hybrid inverter with MPPT
- Charge Controller: ≥300V / 120A MPPT
- Battery: 48V LFP battery (~50–60 kWh usable, 1-day autonomy)
- Mounting: Fixed tilt, structural anchoring, container-mounted
- Monitoring: Remote monitoring (Wi-Fi/GPRS enabled)
- Warranty: 25 years performance (panels), 10 years product

Note: Lot 2 must be quoted and delivered as a complete lot covering both Part A and Part B. Suppliers may not split Lot 2 into subparts.

3. Proposal Requirements

Suppliers must provide:

1. Technical Proposal



- Compliance with specifications for Lot 1 and/or Lot 2.
- Installation methodology and timeline.
- After-sales support and spare parts availability.
- Relevant certifications (ISO, IEC, CE/UL, etc.).

2. Financial Proposal

- Itemized cost breakdown (supply, delivery, installation).
- Currency in USD.
- Validity of quotation (minimum 60 days).

3. Company Credentials

- Business registration/license.
- Experience supplying cold rooms/solar systems in East Africa.
- References from past clients.

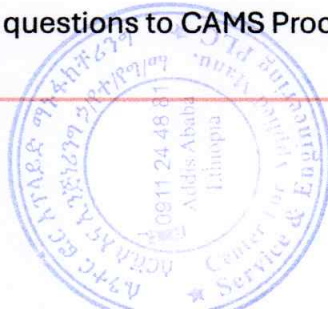
4. Evaluation Criteria

Proposals will be evaluated on:

- Price Competitiveness (40%)
- Technical Compliance (30%)
- Warranty & After-Sales Support (20%)
- Delivery/Installation Time (10%)

5. Submission Instructions

- **Deadline:** Oct 08,2025
- **Submission Format:** Proposals must be submitted electronically to camsengineeringplc@gmail.com with subject line: “RFP – Cold Room & Solar Systems”.
- **Clarifications:** Direct questions to CAMS Procurement Unit by Oct 10,2025



6. Compliance Requirements

- Suppliers must not appear on the **UN Sanctions List** or the **World Bank Debarred Firms List**.
 - CAMS reserves the right to reject incomplete or non-compliant proposals.
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7. Timeline,

- RFP Issue Date: Oct 08,2025
 - Clarification Deadline: Oct 10,2025
 - Proposal Submission Deadline: Oct 15,2025
 - Evaluation & Award Notification: Oct 15,2025
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8. Contact Information

CAMS Engineering PLC
Procurement

Email: camsengineeringplc@gmail.com

Tel: +251912472280

