REQUEST FOR QUOTATION (RFQ)

Supply and Delivery of Medical Liquid Oxygen Telemetry System

Reference	RFP/CHAI-KE-EAPOA-002/26
Posting Date	May 18, 2026
Closing Date	June 12, 2026

1. Overview

The Clinton Health Access Initiative (CHAI) is supporting the strengthening of medical oxygen ecosystems, including the improvement of medical oxygen availability and supply systems in Eastern Africa through support of Unitaid. The East Africa Program on Oxygen Access (EAPOA) aims to improve access to medical oxygen in low- and middle-income countries (LMICs) across East Africa. The initiative seeks to bolster the capacity of local manufacturers to meet the growing demand for medical oxygen.

CHAI intends to use part of the Unitaid investment to procure a Medical Liquid Oxygen (LOX) telemetry system to provide real-time, remote monitoring of bulk cryogenic tank levels, pressures, and temperatures. This will ensure a continuous supply of medical oxygen, improve safety, and optimise delivery schedules to healthcare facilities.

CHAI invites financial and technical proposals (RFQ) from manufacturers capable of supplying and delivering a Medical Liquid Oxygen remote monitoring telemetry system for installation at various healthcare facilities across counties in Kenya.

The purpose of this request for quotation is to:

- Provide information to potential suppliers on CHAI's needs and requirements.
- Solicit information from potential suppliers on their capacity, current lead times, pricing, and other information pertinent to procurement planning.
- Evaluate submissions to identify and shortlist qualified potential suppliers.

2. Submission Instructions

Interested organisations must submit their RFQ electronically to the following email address:

chaikebids@clintonhealthaccess.org

Please quote reference number ITB/CHAI-KE-EAPOA-002/26 in the subject line. Submissions must be received no later than 12th June 2026.

For any clarification or queries, please write to chaikebids@clintonhealthaccess.org with the RFP reference number in the subject line by 25th May 2026.

CHAI may contact respondents for further discussions regarding submissions and subsequent procurement. Submissions received after the deadline will not be considered.

3. Disclaimer

Distribution of this document does not imply any commitment on the part of CHAI to engage any entity. CHAI will not reimburse or otherwise bear any costs associated with this RFQ. No fee is charged for the submission of a response. All material received in response to this RFQ shall become the property of CHAI and will not be returned to the respondent. CHAI reserves the right to use any information presented in any proposal.

4. Annex D: CHAI Code of Conduct for Suppliers

The CHAI Code of Conduct for Suppliers sets out the minimum requirements that all suppliers must meet to qualify to conduct business with CHAI and to remain in good standing with the organisation. Please review the Code of Conduct via the following link and apply for this solicitation only if your organisation can comply with all stated requirements:

https://clintonhealth.box.com/s/w4aev9ayvkwkklonlkrz45oab80s2ero

5. Product Description

The specifications below describe the telemetry system to be supplied and delivered. Suppliers are requested to submit, together with their offer, detailed specifications of their standard product in reference to the requirements listed below.

Cryogenic Storage Gas Bulk Telemetry System — Technical Specifications	
Key Features Local and remote monitoring of vertical cryogenic tank for level and pressure via GPRS communication. Integrated and patented differential and relative pressure transducers. LCD display for level and pressure visualisation. Level-to-percentage conversion option. Minimum level, low-pressure, high-pressure, and high-level set-points. Low-temperature alarm for detecting cryogenic media leakages. Sleeping mode with 15-second periodic activation to reduce power consumption, including measure reading and alarm condition with remote monitoring. Remote level and pressure update frequency programmable from 1 to 24 hours. Solar panel power supply with long-term battery or external power pack backup. Backup battery: Li-Ion. Safety and Design Standards: Systems must conform to international codes for cryogenic tanks such as ASME Section VIII or EN 13458-2.	
Power Supply	24 Vcc @ 0.35 A / Solar panel 100 mA (max. solar exposure). Backup battery: 3.7 V, 3.6 Ah Li-Ion.
Pressure and Level (DRT Transducer)	Relative pressure range: 0–20 bar (standard); 0–50 bar (optional). Resolution: 0.1 bar. Combined error (0–50 °C): < ±1% of F.S. Breaking overpressure: 35 bar (80 bar for 0–50 bar range). Differential pressure (level) range: 0–2 bar. Combined error: < ±2% of F.S. @ F.S. B150 mbar. Differential overpressure: ±4 bar (limited by integrated protection devices).
Visual Indications	4-digit LCD display for level: H18 mm. 4-digit LCD display for pressure: H18 mm.
Pneumatic Connections	1/8" G female with fitting adapters; 1/4" NPT female or 1/4" G female.
Housing	White aluminium enclosure for wall mounting. Size: 200 × 170 × 90 mm. Waterproof: IP 65. Complete dimensions with solar panel: 250 × 435 × 186 mm.
Communication	Integrated 4G modem with GPRS data communication.
Weight	3.5 kg (unit); 4.0 kg (with solar panel).
Operating Temperature	-20 °C to +60 °C.
Reference Standards and Directives	2014/35/EU (LVD), 2014/30/EU (EMC), RoHS 2011/65/EU, EN 61000-6-1, EN 61000-6-3, ISO 15001, BAM M 034-1.

Note: *The above specifications are general requirements intended to guide suppliers on CHAI's procurement criteria. Suppliers are requested to provide detailed specifications of their standard offer alongside their submission.*

6. Pricing Schedule

Bidders are required to complete the pricing schedule below. All prices should be quoted in United States Dollars (USD).

Item	Description	Qty	Unit Rate (USD)	Total (USD)
1	Electronic Liquid Oxygen Telemetry Monitoring System	30		
2	Training and Commissioning	1		
	TOTAL			