



Request for Proposal (RFP) for Installation of Telemetry System

Reference	RFP/CHAI-TZ-EAPOA-002/26
Posting Date	May 4th, 2026
Closing date	June 1st, 2026

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 investment from Unitaid to cover for Installation of a Medical liquid oxygen (LOX) telemetry system to provide real-time, remote monitoring of bulk cryogenic tank levels, pressures, and temperatures to ensure continuous supply, improving safety, and optimizing delivery schedules of Liquid medical oxygen to healthcare facilities.

CHAI invites financial proposals (RFP) from Companies and Contractors capable of Installing, Testing and Commissioning of Medical Liquid Oxygen remote monitoring telemetry system in Tanzania at the following facilities. The remote monitoring system and the VIE tanks shall be supplied by others and the Scope of this RFP is limited to installation and commissioning for the telemetry system only.

Item	Facility	Location
1	Bochi Hospital Limited	Mbezi Temboni kwa Msuguri area of Dar es Salaam, Tanzania, along Morogoro Road
2	Tumbi Regional Referral Hospital	Education Centre, Kibaha
3	Morogoro Regional Referral Hospital	5MFC+2Q6, Old DSM Road, Morogoro
4	Dodoma Regional Referral Hospital	Madukani area, Mmasi Street, a central part of the city, RP9V+3Q2, Hospital Rd, Dodoma
5	Manyara Regional Referral Hospital	Bagara Area, Miomboni, Babati TC, Manyara Region, QPM7+CX, Babati
6	Mount Meru Regional Referral Hospital	Sekei, Arusha, A104, Arusha

7	Songea Regional Referral Hospital	Songea MC, 8M92+G9C, Mtwara-Mbamba Bay Rd, Songea
8	St. Benedict Ndanda Referral Hospital	Ndanda, Masasi District, Mtwara Region
9	Sekou Toure Regional Referral Hospital	Isamilo, Nyamagana Municipality, Mwanza City. FWQ3+FVM, Mwanza
10	Mbeya Regional Referral Hospital	3CPW+CF9 Mbeya Regional Referral Hospital, Mbeya

The purpose of this request for quotation is to:

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

Submissions

Interested organizations must submit their RFP (electronically) to the email ID chaitzprocurement@clintonhealthaccess.org quoting ITB/CHAI-TZ-EAPOA-002/26 in the subject line no later than **June 1st, 2026**

For any clarification / queries please write to us at chaitzprocurement@clintonhealthaccess.org with RFP reference number in the subject line by **May 18th, 2026**.

CHAI may contact respondents for further discussions regarding submissions and subsequent procurement.

Submissions received after the deadline will not be considered.

Disclaimer

Distribution of this document does not mean there is 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 this RFQ. 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.

Annex D: CHAI Code of Conduct for Suppliers

The CHAI code of conduct for suppliers is a minimum set of requirements that suppliers must meet to qualify to do business with CHAI and remain in good standing with the organization. Please read the document via this link [Code of Conduct for Suppliers](#) and apply for this solicitation only if your organization can comply with these requirements.

Product Description (Provided for information purposes only):

<p>Cryogenic storage gas bulk telemetry system for Medical Liquid Oxygen tank monitoring in healthcare facilities complete with the following features:</p> <ul style="list-style-type: none"> • Local and remote monitoring of vertical cryogenic tank for level and pressure with communication through GPRS • Integrated and patented differential and relative pressure transducers • LCD display for level and pressure visualization • Level to % conversation option • Minimum level, low pressure and high pressure/high level set-points • Low temperature alarm for detecting leakages of cryogenic media • Sleeping mode with 15 sec. periodic activation to reduce the power consumption: measure reading, alarm condition with relative remote monitoring • Remote level and pressure update frequency programmable from 1 to 24 hours • Solar panel power supply / long term battery or external power pack supply • Backup battery Li-Ion • Safety & 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 exposition 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 range 0 - 50 bar) Differential pressure (level): Range: 0-2 bar Resolution: --- (programmable by user) Combined error (0...50 °C): < ± 2 % of F.S @ F.S. B150 mbar Differential overpressure: ± 4 bar limited by integrated protection devices
	Visual indications	4 digits LCD display for level H18 mm 4 digits 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 aluminum enclosure for wall mounting, size 200 x 170 x 90 mm, waterproof degree IP 65, complete dimensions with solar panel 250 x 435 x 186 mm
	Integrated communication cards	Integrated modem 4G with GPRS data communication
	Weight	3,5 Kg / 4,0 kg solar panel included

	Operating Temperature	-20...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 specifications provided to the Telemetry supplier and are meant to guide the installation suppliers on the specifications for the telemetry system.

Price:

Item	Description	Units	QTY	Unit rate \$	Total \$
1.	304 Stainless steel ¼ Inch Tubes	Meters	35		
2.	Stainless Steel ¼ Inch Male Connector	Number	64		
3.	¼ Inch Stainless steel Compression fitting complete with Nut with both front & Back Ferrule	Number	64		
4.	Labor, Installation and Commissioning	Number	10		
	Total				