



Request for Proposal for Supply of Cryogenic Medical Oxygen Storage Tanks & Accessories

Reference	RFP/CHAI-KE-EAPOA-003/25
Posting Date	25th April 2025
Closing date	23rd May 2025

Introduction

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 Procurement of Medical Liquid Oxygen Cryogenic Tanks-Vacuum Insulated Evaporator (VIE) and Vaporizers.

CHAI invites Financial proposals (RFP) from Manufacturers interested and capable of supplying Cryogenic liquid medical oxygen storage equipment's (VIE tanks) and Ambient vaporizers into Kenya and Tanzania.

The purpose of this Request for Proposal is to:

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

Submissions

Interested Manufacturers must submit their RFP (electronically) to the email ID chaikebids@clintonhealthaccess.org quoting RFP/CHAI-KE-EAPOA-003/25 in the subject line not later than **23rd May 2025**.

For any clarification / queries please write to us at chaikebids@clintonhealthaccess.org with RFP reference number in the subject line by **9th May 2025** CHAI may contact respondents for further discussions regarding submissions and subsequent procurement.

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Should your submission exceed 2Mb and cannot be sent by email, send an email to request an upload link with the subject 'Requesting upload link' to chaikebids@clintonhealthaccess.org

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 RFP. No fee is charged for the submission of this RFP. All material received in the response to this RFP 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.

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: [Supplier Code of Conduct](#) and apply for this solicitation only if your organization can comply with these requirements.

1. Liquid Oxygen Storage Tanks

Item	Specifications	QTY	Unit Rate \$	Total \$
1	<p>Design Parameters: Vertical Stationery Cryogenic Storage Tank Designed according to EN 13458 and in conformance with directive 2014/68/EU. All components shall be constructed from materials compatible with cryogenic liquid oxygen, and with the temperature and pressure conditions to which they will be subjected. These includes all insulation, getters, piping, valves, gaskets, seals and instruments.</p> <ul style="list-style-type: none"> Maximum allowable working pressure (MAWP) 18 Bars Minimum / maximum operating temperatures: Inner vessel: -196°C /+20°C Outer shell: -30 °C /+50 °C <p>Regulatory: Conformance to the requirements of ;</p> <ul style="list-style-type: none"> PED 2014/68 EU Or ASME “U” ISO 9001: Quality Management System EN 13458-1 ISO 23208: CE Approved Provide Certificates of Compliance <p>Warranty: Provide two years warranty</p> <p>Capacity (Litres):</p> <ul style="list-style-type: none"> 10,000 6,000 3,000 <p>Proof of Supply Provide proof of supply to at least three clients with bulk cryogenic liquid oxygen storage tanks in Eastern Africa.</p>	10 8 1		

2. Ambient Air Vaporizer

Item	Specifications	QTY	Unit Rate \$	Total \$
1	<p>Design Parameters:</p> <ul style="list-style-type: none"> Aluminium ambient air Vaporizer Rated working pressure > 40 bars Rated working pressure: ≥ 40 bars Design /maximum allowable working temp $-196^{\circ}\text{C} / +50^{\circ}\text{C}$ <p>Regulatory:</p> <ul style="list-style-type: none"> Provide the PED 2014/68 EU Or ASME “U” stamp certificate Ce Marked <p>Warranty:</p> <p>Provide two years warranty</p> <p>Capacity (NM3/Hr):</p> <ul style="list-style-type: none"> 140 NM3/Hr <p>Lead Times</p> <p><i>Manufacturers to provide a delivery Schedule for each size of the tanks</i></p>	18		

3. Summary Price Proposal

Item	Description	Units	QTY	Unit \$	Total \$
1.	Vertical Cryogenic Storage Tanks <ul style="list-style-type: none"> • 10,000 • 6,000 • 3,000 	Litres	10 8 1		
2.	Ambient Air Vaporiser 140 NM3/Hr	Nm3/Hr	18		
	Sub Total				
	Less Discount				
	Total				