



**REQUEST FOR PROPOSAL (RFP) FOR THE SUPPLY OF MEDICAL LIQUID OXYGEN (mLOX) AND CRYOGENIC VESSELS IN THE DEMOCRATIC REPUBLIC OF CONGO**

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Reference	<b>RFP/CHAI/LOxH/DRC/0123</b>
Posting Date	27 <sup>th</sup> September 2023
Closing date	<b>7<sup>th</sup> November 2023</b>

The Clinton Health Access Initiative, (CHAI) is a sub-grantee of FHI360 on the Meeting Targets and Maintaining Epidemic Control (EpiC) project, a global eight-year project funded by the U.S. Agency for International Development (USAID). EpiC received COVID-19 funding to prevent, prepare for, respond to and bolster health systems to address COVID-19 and reduce cases of re-emergence. Part of EpiC's COVID-19 program is to provide high-quality medical oxygen systems. FHI360 is the prime implementing partner for EpiC.

CHAI seeks interested and capable vendors to submit proposals for the supply of medical liquid oxygen (mLOx), provision and installation of VIE tanks and civils, vaporizers, Liquid to Gas (L2G) filling systems hardware and operations, as well as maintenance and service level agreements at Cliniques Universitaires de Kinshasa (CUK) in the Democratic Republic of Congo (DRC) as detailed in the Product information (Annex A) of this RFP. In this solicitation, EpiC may provide capital financing for procurement of complementary infrastructure, including (but not limited to) cryogenic transport vessels, transport vehicles, road tankers, etc., if vendors indicate such a need. When preparing your RFP please be guided by the technical specifications and details attached as Annex B and CHAI code of conduct and ethics for suppliers in Annex C.

Cliniques Universitaires de Kinshasa (CUK) is a tertiary facility in Kinshasa where there are plans to introduce medical grade liquid oxygen. The facility currently does not have any cryogenic storage vessels. However, the hospital's piped bed network is being expanded to ensure that oxygen is available to patients' bedside. The mLOx supplied by the vendor will then be vaporized and piped to the patient's bedside and also converted to gas additionally to fill cylinders and serve the catchment area around CUK with over 85 health facilities. Companies are invited to submit proposals on how to achieve our end goal: installing 2 VIE tanks and L2G filling station equipment at CUK, and a steady supply of quality mLOX (stored in above mentioned VIE tank) to provide quality piped oxygen to CUK patients' bedside, as well as L2G cylinder filling to serve facilities in a selected catchment area. A suggestive illustration of the mLOX supply chain of custody is given in Annex D below.

Any information submitted in response to this RFP is provided to CHAI on a voluntary basis. CHAI shall not be under any obligation to procure any of the services or products described in this document, until all technical and quality documentation has been provided, and a written contract is awarded and approved.

An open Q&A session will be conducted on the 17<sup>th</sup> of October 2023 for interested vendors. Additional queries or clarifications on this RFP should be submitted via the email [drcprocurement@clintonhealthaccess.org](mailto:drcprocurement@clintonhealthaccess.org)



quoting RFP/CHAI/LOxH/DRC/0123 in the subject line by 12 midnight GMT+1 on the **5 November 2023**. Responses will be shared via all RFP solicitation channels, as well as in email replies.

Quotations must be submitted on or before 12 midnight GMT+1 on the **7<sup>th</sup> of November 2023** via the email [drcprocurement@clintonhealthaccess.org](mailto:drcprocurement@clintonhealthaccess.org) quoting RFP/CHAI/LOxH/DRC/0123 in the subject line. 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 [drcprocurement@clintonhealthaccess.org](mailto:drcprocurement@clintonhealthaccess.org).

**Bids submitted after the deadline will not be considered. Vendors may submit for one lot, all lots, or any combination of lots described. Medical LOX supply and transport services and L2G filling operations must be assessed against CHAI's quality policy. Vendors may be requested to submit additional information and/or cooperate with a site visit from CHAI to the mLOX production site prior to finalizing a purchase order.**

#### Terms and conditions

Delivery Terms INCOTERMS 2020	DPU preferred but other incoterms can be considered
Customs clearance and Duties, if needed, shall be done by:	CHAI
Exact Address/es of Delivery Location/s (identify all, if multiple)	Kinshasa, DRC
Latest Expected Delivery Date and Time ( <i>if delivery time exceeds this, quote may be rejected by CHAI</i> )	<b>See each LOT</b>
Delivery Schedule	<b>Specify in comments section of Annex A</b>
Mode of Transport	<b>SEA AND/OR ROAD</b>
Preferred Currency of Quotation	<b>United States Dollars</b>
Warranty	Varies (see Annex B)
Deadline for the Submission of Bid	<b>Closing date above</b>
All documentations, including catalogs, instructions, and operating manuals, shall be in this language	<b>English</b>
Documents to be submitted.	<ol style="list-style-type: none"> <li>1. Completed Annex A and Annex B</li> <li>2. Legal Documentation (Business Registration and Tax Clearance) to operate in Home Country applicable to both local and international supplier, Business Registration, Tax Certificate (This is in addition to completed vendor details in Annex A) If documents are not in English, please provide translation.</li> </ol>



Payment Terms	100 % after supply and inspection preferred but other terms can be negotiated
Liquidated Damages	1% of total contract amount for each day of delay and maximum of 30 days after which contract will be terminated.
Evaluation Criteria	<ol style="list-style-type: none"> <li>1. Technical responsiveness/Full compliance to requirements and lowest evaluated price</li> <li>2. Delivery period</li> <li>3. Full acceptance of the PO/Contract General Terms and Conditions</li> </ol>
Type of Contract to be Signed	Purchase Order
Special Conditions of Contract	Failure to comply with delivery date above shall be a basis for cancellation. Forfeiture of bid security if submitted with the bids if applicable. CHAI reserves the right to select any single or combination of supplier(s)
Proposal validity	90 days
Conditions for Release of Payment	Passing Inspection/Verification of Supplies Written Acceptance of Goods based on full compliance with RFQ requirements by the end user
Annexes to this RFQ	<input checked="" type="checkbox"/> Product quantities and delivery location ( <b>Annex A</b> ) <input checked="" type="checkbox"/> Technical specification ( <b>Annex B</b> ) <input checked="" type="checkbox"/> Code of conduct ( <b>Annex C</b> )
Contact Person for Inquiries (Written inquiries only)	All queries must be sent to <a href="mailto:drcprocurement@clintonhealthaccess.org">drcprocurement@clintonhealthaccess.org</a>

#### Annex A: Products information and vendor details and shipping requirements

Product information, required quantities and detailed delivery location is found in sheet 1 and sheet 2 of Annex A. This can be found via this [Product information and vendor details link](#). Download the excel sheet, complete, and include in your application. If you are unable to access this link, please contact us via [drcprocurement@clintonhealthaccess.org](mailto:drcprocurement@clintonhealthaccess.org) and we will email the documents to you. Details of the four lots are given below.

#### Lot 1

Product/Item	Qty	Country	Latest Expected Date of delivery/ completion
VIE tank (20 tonnes) to serve CUK with monthly consumption of 10-17 tonne	1	DRC	
Ambient vaporizer (75Nm <sup>3</sup> /hr capacity)	1	DRC	
Civils	Lump sum	DRC	
Installation, testing and commissioning inclusive of LOX system hardware (listed	Lump sum	DRC	



above) and tie in piping connection to facility pipeline			
Medical LOX supply for operational first fill on installed tank	20 tonnes	DRC	NA

**Lot 2**

<b>Product/Item</b>	<b>Qty</b>	<b>Country</b>	<b>Latest Expected Date of delivery/completion</b>
VIE tank (20 tonnes) for L2G hub at CUK to serve catchment with monthly consumption of 12-21 tonnes	1	DRC	
High-pressure vaporizer (125Nm <sup>3</sup> /hr capacity)	1	DRC	
Cryo-pump and filling manifold rated to 201 cylinders per hour.	1	DRC	
Civils	Lump sum	DRC	
Installation, testing, and commissioning inclusive of L2G system hardware (listed above)	Lump sum	DRC	
Medical LOX supply for operational first fill	20 tonnes	DRC	NA

**Lot 3**

<b>Product/Item</b>	<b>Qty</b>	<b>Country</b>	<b>Latest Expected Date of delivery/completion</b>
Supply of mLOX to CUK for 12 months (including transportation to CUK*)	1	DRC	NA
Maintenance contract for VIE tank and training of BMEs on maintenance and filling of tanks	1	DRC	NA

*\*EpiC may provide capital financing for procurement of complementary infrastructure, including (but not limited to) cryogenic transport vessels, transport vehicles, road tankers, etc., if vendors indicate such a need*

**Lot 4**

<b>Product/Item</b>	<b>Qty</b>	<b>Country</b>	<b>Latest Expected Date of delivery/completion</b>
L2G filling system operations and maintenance and associated capacity building	1	DRC	NA



### Annex B: Technical

### Specification

Technical specifications for items can be found via the following Specification and checklist links: [Lot 1](#), [Lot 2](#), [Lot 3](#) and [Lot 4](#). Download the relevant excel sheet(s), complete, and include in your application. If you are unable to access the link(s), please contact us via [drcprocurement@clintonhealthaccess.org](mailto:drcprocurement@clintonhealthaccess.org) and we will email the documents to you.

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

### Annex D: Proposed supply chain of custody for mLOX

