



## REQUEST FOR PROPOSALS (RFP) FOR THE A MEDICAL GAS PIPING SYSTEM ENGINEER/CONSULTANT

Reference	RFP/CHAI/DRC/0124
Posting Date	Monday, 11 <sup>th</sup> March 2024
Closing date	Friday, April 5 <sup>th</sup> 2024

### A. BACKGROUND

The Clinton Health Access Initiative, (CHAI) is a sub-grantee of FHI360 on the *Meeting Targets and Maintaining Epidemic Control (EpiC)* project, a global five-year project funded by the U.S. Agency for International Development (USAID). EpiC receives 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. In The Democratic Republic of Congo, the program will focus on providing services through the installation of piped oxygen systems in Clinique Universitaire de Kinshasa. See [linked document](#) for details of this piping effort. In this context, CHAI invites eligible and qualified national or foreign companies to submit their proposals for the supervision of the medical gas piping system installation in Clinique Universitaire de Kinshasa.

### B. SCOPE OF WORK

CHAI DRC seeks a dynamic, highly motivated and experienced individual or firm with outstanding organizational, analytical, communication, and technical expertise **(in the field of Medical Gas Pipeline Systems (MGPS))** to provide oversight of the MGPS installation at Clinique Universitaire de Kinshasa by an already selected third party vendor. The candidate must be able to function independently and provide project technical oversight for this EpiC-founded medical oxygen piping project at Clinique Universitaire de Kinshasa.

The individual or firm must have specialized knowledge related to the design, installation, testing and maintenance of medical gas pipeline systems, strong quantitative and analytical skills, excellent verbal, and written communication skills, be self-directed, be a problem solver, have a good understanding of International Organisation for Standardization (ISO) standards, quality assurance, control and workplan oversight, excellent project management skills, and be committed to excellence.

Brief project details:

- Project name: **Supervision/oversight of medical oxygen piping systems installation by and already selected 3<sup>rd</sup> party vendor**
- Location: **Clinique Universitaire de Kinshasa**
- Timeline: **Project-based (tentative dates are May till June 2024)**
- Roles and responsibilities: **See section C. Roles and responsibilities**

- Other information: **The piping system will be connected to VIE systems that will be installed at Clinique Universitaire de Kinshasa.**

### **C. ROLES AND RESPONSIBILITIES**

- Supporting the final review of the vendor proposal for the medical oxygen piping systems and conducting technical evaluations.
- Review and interpret AutoCAD documents and tendering documents such as equipment DWG, BOQs, and architectural layout drawings.
- Cross check piping materials packing list prior to shipment and record delivered materials to ensure compliance with the BoQ, QMS and ISO standards.
- Provide technical oversight, support, and ensure compliance of manifolds, and medical gas pipeline systems installation and commissioning with national and international quality standards.
- Supervise and validate all MGPS tests as per HTM02-01.
- Review and sign off all commissioning documentation as per HTM02-01.
- Co-develop /review of operational SOPs for manifold, and medical gas pipeline systems operations supported by the CHAI team.
- Be instrumental in capacity-building training and mentorships to enhance the knowledge and skills of biomedical engineers and technicians to ensure a smooth transition to MoH.
- Ensure effective coordination and open, organized communication, and information sharing, with other project stakeholders.
- Facilitate and coordinate project meetings at the project sites.
- Support the resolution of project implementation risks and provide action-oriented mitigation recommendations.
- Carry out any additional responsibilities assigned by management.

### **D. QUALIFICATIONS.**

- Bachelor's degree in biomedical engineering; Electrical engineering, Mechanical engineering/hospital engineering or health technology
- Graduate degree (MSc. /MBA equivalent) preferred, lack of which can be compensated by an additional four years of professional experience
- Certified training in medical gas pipeline system design, installation/assembly, and maintenance is preferred.
- Affiliation with national and regional professional engineering associations is preferred.
- Right to work and operate in DRC and/or Congolese ID

### **E. DESIRED EXPERIENCE**

- Possess proven and traceable previous experience (professional references) working with medical gas pipeline systems installation and technical oversight.
- 5 to 10 years medical oxygen industry experience with demonstrable proficiency/familiarity with medical gas reticulation design and delivery in hospital settings (private and or public health facilities)

- Ability to work as part of a multi-disciplinary team.
- Experience in implementing strategic activities especially related to sustainable financing for Government uptake.
- Project management experience.
- Ability to multi-task on several projects at once and meet project deadlines.
- Strong communication skills and an interest in collaborating with all project stakeholders.
- Excellent interpersonal skills with ability to interact with diverse individuals across multi-cultural teams.
- Fluent in French and English

**F. SUBMISSION PACKAGE:**

Please review the table below detailing documentation by type of applicant, and see the submission package list below:

Table 1: Submissions by type of applicant

	<b>Relevant documents</b>	<i>For a Biomedical, Mechanical or Electrical Engineering Firm</i>	<i>For an Independent Biomedical, Mechanical or Electrical Engineer</i>
<b>1</b>	Company registration/or contact person ID (as relevant)	✓	✓
<b>2</b>	Full company profile/CV including address (as relevant)	✓	✓
<b>3</b>	Up-to-date operating/professional license (as relevant)	✓	✓
<b>4</b>	Letters of recommendation from at least 3 clients in the health sector and/or letters of approval from suppliers whose projects have been carried out in DRC or other African countries in the areas of installation or technical oversight of medical oxygen piping systems.	✓	✓ <i>Letters should be dated within the last 5 – 8 years</i>
<b>5</b>	Certificate of discharge from the tax authority	✓	
<b>6</b>	Detailed description of previous work already carried out, including the value of the work	✓	✓
<b>7</b>	Curriculum vitae of the chief engineer who will lead the project	✓	✓

1. [Completed Annex A](#) detailing financial proposal (Budget, daily rate, travel) and workplan (Activities and timeline for completing each task)
2. A technical proposal detailing your understanding of the project and how your supervision/oversight services will be carried out

3. All relevant and supporting documentation as indicated in sections D, E and Table 1 above
4. Candidates can provide additional details, offers and information that they deem appropriate and/or that add value to the proposal;
5. CHAI reserves the right to select the service provider(s) it deems most suitable, based on the criteria of cost; qualifications, quality guarantees, payment terms, availability, delivery time and previous experience;
6. CHAI reserves the right to reject all or part of the proposal. CHAI reserves the right to select more than one service provider and/or to select only part of a candidate's proposal;
7. This call for proposals is not a purchase order and does not involve CHAI in any legal, substantiated or financial commitment.

***Only applicants who hold these qualifications are eligible to apply.***

#### **G. COMPLIANCE TO CODE OF CONDUCT**

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](#) and apply for this solicitation only if you can comply with these requirements.

***All suppliers and contractors are expected to adhere to the CHAI EM [Code of Conduct](#) for suppliers.***

Any clarifications required on this RFP should be submitted via the email [drcprocurement@clintonhealthaccess.org](mailto:drcprocurement@clintonhealthaccess.org) quoting **RFP/CHAI/DRC0124** in the subject line by 12 midnight WAT, on the 3<sup>rd</sup> of April 2024. Responses will be shared via all RFP solicitation channels, as well as by email.

Quotations must be submitted on or before 12 midnight WAT on the 5<sup>th</sup> of April 2024 via the email: [drcprocurement@clintonhealthaccess.org](mailto:drcprocurement@clintonhealthaccess.org) quoting **RFP/CHAI/DRC/0124** in the subject line.

Should your submission exceed 2 MBs and cannot be sent by email, please send an email to request an upload link with the subject 'Requesting upload link for **RFP/CHAI/DRC/0124**' to [drcprocurement@clintonhealthaccess.org](mailto:drcprocurement@clintonhealthaccess.org).

***Quotations submitted after the deadline will not be considered.***