

# THE CLINTON HEALTH ACCESS INITIATIVE (CHAI)

INVITATION TO BID (ITB) FOR CIVIL WORKS COMPONENT FOR INSTALLATION OF  
VACUUM-INSULATED EVAPORATOR (VIE) TANKS AND VAPORIZERS AT FOUR  
HOSPITALS IN DAR ES SALAAM, TANZANIA

BID REFERENCE NUMBER: FP/CHAI-TZ-EPIC-001/25  
POSTING DATE: July 25<sup>th</sup>, 2025  
CLOSING DATE: August 3<sup>rd</sup>, 2025

## **BIDDING DOCUMENT FOR CIVIL WORKS COMPONENT FOR INSTALLATION OF VIE TANKS AND VAPORIZERS PROJECT UNDER SUPPORT FROM FHi360**

Issued by:  
CHAI

## 1.0 PREAMBLE

The Clinton Health Access Initiative (CHAI), is a sub-grantee of FHi360, in meeting targets and maintaining Epidemic Control (Epic) project, a global five-year project funded by US Government where FHi360 is the prime implementation partner. You may also recall that the original Bids for improvements for the same services were requested and submitted to CHAI on October 2023.

CHAI intends to use part of the proceeds to cover for Civil/Plinth-works to receive installation of Vacuum-Insulated Evaporator (VIE) tanks and Vaporizers at four (4) hospitals in Mainland Tanzania that include: -

- i. Muhimbili National Hospital (MNH),
- ii. Muhimbili Orthopaedic Institute (MOI)
- iii. Mwananyamala Regional Referral Hospital (MRRH)
- iv. Temeke Regional Referral Hospital (TRRH)

***\*Bidders may respond and submit their proposal for all or selected facilities***

In collaboration with Expert-Team, Ministry of Health and, Hospital Biomedical Engineering Teams, CHAI has planned that the project will include six (6) main tasks.

This document provides the technical and commercial specifications for the construction, installation and commissioning of concrete plinth, security fencing, and, the other civil/service works related infrastructure items.

## 2.0 LANGUAGE AND CURRENCY OF BID

The language of Bid is English and, pricing in Tanzanian Shillings.

## 3.0 CLARIFICATIONS OF BID

For any clarification / queries please write to us at [chaitzprocurement@clintonhealthaccess.org](mailto:chaitzprocurement@clintonhealthaccess.org); with bid reference number in the subject line by July 31<sup>st</sup>, 2025. CHAI may contact respondents for further discussions regarding submissions and subsequent procurement.

## 4.0 SCOPE OF WORKS

This Bid makes provision for the followings: -

- a) Reinforced concrete plinth to support the following VIE-Tanks;
  - 30-tons at MNH;
  - 10-tons at MOI;
  - 10-tons at MRRH;
  - 06-tons at TRRH.
- b) Palisade fencing around three-sides of the plinth perimeter;
- c) Solid-cement sand-blocks / bricks with strength of 4.5MPa wall on rear-side with slight-arms-to sides of the plinth perimeter and, Paving-blocks Apron around the plinth-perimeter;
- d) Electrical installations that include 3-phase-power-sockets and, 2-security-lights fixed on steel-poles;

- e) Tap-water near oxygen-tank for de-icing of valves or to handle emergency situations;
- f) Fire-fighting-system which is subject to tender-outcome.

## **5.0 COLLABORATIONS**

- a) The VIE-Tank will be supplied and installed by the other Vendor;
- b) The successful Bidder will be provided with VIE-Tank-Anchor-Bolts for fixing / embedding in the reinforced concrete slab as per the Drawings, specifications and directions;
- c) Anchor-Bolts for Vaporizers will be supplied and fixed in reinforced concrete slab complete with washers by VIE-Civil-Contractor as per the Drawings, specifications and directions;

## **6.0 TYPE OF CONTRACT**

This contract will be a direct contract to be executed by the successful vendor who will be the "Building Contractor", as referred to in this document and CHAI who will be the "Client".

The standard CHAI procedure for appointment of contractor will be used. The appointment will be done according to the internal manual and policy. The standard Purchase Order (PO) attached for easy reference will be used as the contract appointment document. CHAI and Expert-Team will act as the Engineer and Principal Agent. The Principal Agent shall make provision for and purchase the above documents.

## **7.0 BID ELIGIBILITY**

This is an open Bid to all prospective contractors.

The Bid will be issued to any Registered Building Contractor by Contractors Registration Board (CRB) with, a specialist domestic Electrical Sub-contractor incase for provisions of appropriate sketch and implementation of power and security-lights. They are able to substantiate their competence with a track record of construction, manufacturing and installations of reinforced concrete structures, steel fencing and building works. The Local Contractors are encouraged for the project.

## **8.0 EVALUATION AND ADJUDICATION**

The Bid will be evaluated and adjudicated by Evaluation-Committee, CHAI-Procurement and, Adjudication by CHAI-Management as per approved CHAI's Procurement Policy.

A written recommendation will be made to CHAI-Procurement who will review the recommendation against their procurement policy and, advise the CHAI-Management for a final appointment. The appointment will be awarded based on local content, completeness of document submission (proving competency and capability) and price according to the following formula:

Description	Percentage
Local Content – Locally Registered Building-Contractor by CRB	10%

Completeness – of submission of the following compulsory documents: - a) Bid-Form b) Bid-Validity c) Certificate of Incorporation as issued by BRELA; d) Power of Attorney for the Authorizing Person; e) Current Business License/Tax-Clearance-Certificate; f) Banking details – statements, possibility of credit-facilities and Account Number and Name; g) Proof of Registered Address; h) Complete priced Bills of Quantities (BOQs) initialed in all pages; i) List of similar projects completed over the past 3-years by showing the title, location, client name, consultant and, value; j) List of projects underway; k) Program of Work l) Method Statement	10%
Technical Competency to all sites: - a) Past-experience in terms of similar projects completed; b) Competitive Duration c) Method Statements to substantiate the operations; d) Availability of qualified registered Civil/Structural Engineers, Civil Technicians, Electrical Technicians and Masons for the assignments; e) Availability of Concrete-Mixers, Plate-compactors and Vibrators;	50%
Financial Competency – Price	30%
<b>TOTAL</b>	<b>100%</b>

## 9.0 REQUIRED BIDDER COMPETENCY

Only submissions from companies with proven capability and competence will be considered. The Contractor will be;

- A Registered Local Company, with all attachments under chapter eight (8) above with completeness in items a)-l);
- Be able to demonstrate successful previous erections and installation of reinforced concrete work, earthworks, general construction and building works;
- Have adequate technical capacity to execute the specified work;

## 10.0 CONTRACT PRICE

This will be a fixed price contract based on the priced Bills of Quantities.

## 11.0 EXTRA PAYMENTS

Contractors must acquaint themselves fully with the local conditions of the sites and the requirements of this specification. CHAI will not consider any later claims by the successful Contractor for extra payment arising out of underestimating any of the requirements.

## 12.0 PROGRAM AND COMPLETION

The period for completion of the work will be proposed by Contractor in her program of work, reviewed by CHAI and agreed on between CHAI and the Contractor taking the operational requirements of the facility into account.

CHAI shall indicate on the Purchase Order (PO) the contract-days required to complete the project. The PO will be adjusted not to penalize the contractor due to restriction in access. The Contractor shall state the time, in days, required for completion of the contract in the Priced BOQs and such time will be used as contractual completion time of the project.

### **13.0 METHOD STATEMENT**

The Contractor will be required to complete a work method statements for the implementations

### **14.0 HEALTH AND SAFETY**

The Contractor will adhere to all Health & Safety requirements of the Hospital and CHAI's Environmental Management and Mitigation Plan and seek relevant permissions timeously to operate in the environment where necessary.

The Contractor shall supply and maintain all safety equipment, personal protective equipment and any other assistance and equipment required to gain access to work areas.

### **15.0 ACCESS AND CONTROL**

The contractor and all other employees will be required to keep a register of time on site and handed to the Expert-Team / CHAI on request

### **16.0 PARTICULAR SPECIFICATIONS**

Drawings:

- a) No changes are to be done to the drawings without approval of the design structural engineer.
- b) All dimensions are in mm unless otherwise stated and/or indicated on the drawing.

Concrete Quality:

- a) Structural members concrete class 30 i.e. 28-day compressive strength of 30mpa;
- b) Blinding class 10 i.e. 28-day compressive strength of 10mpa;
- c) Maximum aggregate size is 20mm; Crushed Granite like Msata quarry.
- d) Cement 42.5N, from any factory in Tanzania;
- e) Sand, complies with B.S.1200.

Steel Reinforcement:

- a) Hot rolled high yield steel bars, complying with BS4449, with high yield strength of 460mpa;
- b) Cutting and bending should follow shape codes and specifications in BS8666:2005 as a scheduling code.

- c) Steel reinforcement bars should not be used until they have been tested for their suitability. Among other quality tests, tensile and bend/re-bend strength tests must be done.
- d) Steel reinforcement bars may be lap spliced if necessary provided the lap length of bars is 50 times the diameter of the bars lapped and the laps well staggered.

Structural Steel and Connection Members:

- a) H-Columns and base plates should meet steel grade s275, i.e. nominal yield strength of 275mpa.
- b) Anchor bolts/nuts should meet strength grade 8.8 i.e. nominal yield strength of 640mpa, and ultimate tensile strength of 800mpa.
- c) Weld fillets should be such that its ultimate strength is at least 450mpa.

Concrete Cover:

The concrete cover to reinforcement bars shall be as follows: -

- a) Any concrete source in contact with soil: 50mm
- b) Otherwise: 30mm.

Unless Noted Otherwise on the Drawings,

All exposed concrete edges having a contained angle < 120deg shall be provided with 25mm fillets or chamfers as appropriate.

Joints between Reinforced Concrete Members

- a) Joints must be provided with sufficient tie re-bars in accordance with Euro-code.
- b) End hooks of link re-bars must make an angle of 135 degree and sufficient length as shown in the drawings/bending schedules.

## **17.0 SITE OFFICE**

If required the contractor, in coordination with CHAI and Hospital-Team the Contractor may be provided with site office.

The safekeeping of all equipment and tools shall be the responsibility of the contractor until the acceptance date.

## **18.0 HANDLING OF MATERIAL**

- a) The Contractor shall be responsible for providing all the required equipment for the offloading and proper handling of the material on site.
- b) The contractor shall be responsible for storing material and equipment on site, without obstructing movements of any facility business related to its daily operations.

## **19.0 DOCUMENTS APPLICABLE**

The following documents should be read in conjunction with this bid:

- a) Draft Purchase Order;
- b) Drawings (architectural and structural);
- c) Unpriced Bills of Quantities.

## **20.0 INSPECTION AND TESTING**

On completion of the installation, the contractor shall carry out his/her own inspections to ensure that the installation and equipment comply with safety standards before notifying the Experts-Team/CHAI.

The Experts-Team/CHAI will not act as the Contractor's inspector or quality control official but to ensure that the work has been completed and to standard.

The Experts-Team should be notified no less than 5 days before completion for sign-off. No snagging procedure shall apply. Work completion shall be accepted or rejected per section as set out in the Completion-Milestones.

The Contractor will also be required to develop the architectural, structural and services As-Built-Drawings.

## **21.0 CONTRACT COMPLETION MILESTONES**

Sectional Completion and Payment Certificates will be issued once the following has been achieved:

- a) Installation and commissioning of the Reinforced Concrete Plinth, security fencing on site, and blockwork/brickwork including commissioning documentation has been accepted by the Experts-Team.

Works Completion Works Completion will be issued after:

- b) All sectional completion certificates have been issued.

## **22.0 PRICE SCHEDULES**

- a) Contractors are required to submit unit prices as indicated in the "Bill of Quantities".
- b) Price to hold firm for ninety (90) days from bid closing date.
- c) Contractor is also required to submit unit-rates for Electrical-Installations, Tap-Water and, Fire-Fighting-System.

## **23.0 PENALTIES**

The following penalties shall be applicable:

- a) If the contractor fails to complete the project within the agreed timeline as outlined in the contract and annexed schedule, a penalty of 0.1% of the total contract value will be applied for each day of delay, up to a maximum of 10%. This penalty will be deducted from the final payment to the supplier. Exceptions will only be considered for delays caused by force majeure or other circumstances beyond the supplier's control, subject to CHAI's approval.
- b) Failure and disregard to follow instructions issued by the Experts-Team/CHAI may result contract termination.
- c) This will not be the sole and exclusive remedy available to CHAI.

## **24.0 SITE VISIT FOR BIDDING PURPOSES**

Due to the complexity of this work, a compulsory site visit will be arranged on July 30<sup>th</sup>, 2025. Please download Annex C site visit form and submit it

Bids from Bidders who did not attend the compulsory site visit will not be considered.

## **25.0 TERMS AND CONDITIONS**

- a) If successful, the Contractor will follow the normal CHAI procurement process.
- b) CHAI's Terms and Conditions stipulated in the Purchase Order shall apply.

## **26.0 COMPULSORY SUBMITTAL DOCUMENTS**

- a) The "Bid Submission Document" completed, initialed on each page and signed.
- b) Completed Bill of Quantities (for each of the sites) initialed in all pages together with clear rates for all items
- c) Certificate of Incorporation as issued by BRELA
- d) Bid Form.
- e) Registration with Contractors Registration Board (CRB)
- f) Power of Attorney for the Authorizing Person;
- g) Current Business License / Tax-Clearance-Certificate;
- h) Banking details – statements, possibility of credit-facilities and, Account Number and Name;
- i) Proof of Registered Address;
- j) List of similar projects completed over the past 3-years by showing the title, location, client name, consultant and, value;
- k) List of projects underway;
- l) Program of Work
- m) Method Statement
- n) Signed site visit forms

## **27.0 CODE OF CONDUCT**

### **Preamble**

This is a set of minimum requirements, expected by the CHAI Essential Medicines team, from vendors with whom it does business. CHAI expects adherence to all provisions of this document by suppliers, their employees, subsidiary, or any subcontractors they engage with to execute any contract with CHAI

### **Ethical Conduct**

CHAI expects its vendors to adhere to the highest moral and ethical standards and not engage in any form of corrupt practices e.g., extortion, fraud, collusion, coercion, and bribery.

### **Compliance with laws and regulations**

CHAI expects its suppliers to comply with laws and regulations of all jurisdictions in which we do business, including the local laws and regulations in which the suppliers operate and/or register.

### **Confidentiality**

All information provided by CHAI as part of this solicitation must be treated as confidential. If any information is inappropriately released, CHAI will seek appropriate remedies as allowed. Proposals, discussions, and all information received in response to this solicitation will be held as strictly confidential, except as otherwise noted.

### **Communication**



All communications regarding this solicitation shall be directed to appropriate parties at CHAI via the contact information provided in the solicitation document. Contacting third parties involved in the project, the review panel, or any other party may be considered a conflict of interest and could result in disqualification of the proposal.

#### Conflict of interest disclosure

Vendors bidding on CHAI business must disclose, to the procurement contact listed in the RFQ, any actual or potential conflicts of interest. Conflicts of interest could be present if; there is a personal relationship with a CHAI staff member that constitutes a significant financial interest, board memberships, other employment, and ownership or rights in intellectual property that may conflict with the supplier's obligations to CHAI. Suppliers and CHAI are protected when actual or perceived conflicts of interest are disclosed. When necessary, CHAI will create a management plan that provides mitigation of potential risks presented by the disclosed conflict of interest in line with existing CHAI policies

#### Inducement

Gifts, commissions, rebates, and any offer of hospitality are considered as inducements and should not be offered to CHAI staff to influence business with CHAI and vice versa.

#### Prohibitions

CHAI will not engage in business with any organization that engages in Child Labor or Forced Labor and will not tolerate any acts of discrimination, violence, harassment including sexual exploitation and abuse.

#### Reporting Violations

Any concerns or reports of violations of this code should be reported immediately by contacting the CHAI Helpline. The Helpline is a third-party "whistleblower" service that allows complaints to be made anonymously, with identifying details removed. (You may also choose to identify yourself by name.) The Helpline can receive complaints in more than 200 languages.

Email: [chai@integritycounts.ca](mailto:chai@integritycounts.ca);

Reverse Charge (Collect Call): +1-604-922-5953

- Step 1: Call your international operator
- Step 2: Ask the operator to place a collect call to +1-604-922-5953
- Step 3: When the call is accepted by reception, please ask for a Whistleblower Agent
- Step 4: Report your incident to the agent Website: [www.integritycounts.ca](http://www.integritycounts.ca)

Failure to comply with the provisions of this document can lead to the disqualification of a supplier.

## **28.0 SUBMISSION DATE AND TIME**

The completed bid submission must be filled out by hand, scanned and submitted electronically on or before August 3<sup>rd</sup>, 2025 in .pdf to [chaitzprocurement@clintonhealthaccess.org](mailto:chaitzprocurement@clintonhealthaccess.org) by the closing date stated on the returnable document. Also, excel softcopies are required.

No late submissions shall be accepted.

## 29.0 FORMS

### 29.1 Bid Form

To:

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including
- (b) We offer to execute in conformity with the Bidding Documents the following Works:

\_\_\_\_\_

—;

- (c) The total price of our Bid, excluding any discounts offered in item (d) below is: \_\_\_\_\_;

- (d) The discounts offered and the methodology for their application are: \_\_\_\_\_;

- (e) Our bid shall be valid for a period of \_\_\_\_\_ [insert validity period as specified in days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

- (f) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from eligible countries;

- (g) We, including any subcontractors or suppliers for any part of the contract, do not have any conflict of interest;

- (h) We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in the country of the Employer, as such laws have been listed by the Employer in the bidding documents for this contract.

- (i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;

- (j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive; and

- (k) If awarded the contract, the person named below shall act as Contractor's Authorizing Person: \_\_\_\_\_

Name:	
In the capacity of:	
Signed:	
Duly authorized to sign the Bid for and on behalf of:	

Date:	
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## 29.2 Subcontractors Form

Please provide a list of qualified sub-contractors (if any) that will be deployed on the project:

No.	Subcontractors	Scope

## 29.3 Construction Manager Form

Please give the name and, attach a copy of the Professional Registration Certificate of the person under whose authority the constructions shall be done.

## 29.4 Capacity Form

Number of Civil Engineering Degree/Diploma Qualified staffs available for the project [names, years of experience]:

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Number of Civil and Electrical Technicians available for the project [names, years of experience]:

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Number of Masons available for the project [names, years of experience]:

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## 29.5 Pricing the BOQs

Download Annex B from the link below

## 29.6 Drawings

Download Annex A1 and A2 from the link below. A1 – refers to MNH and A2 refers to other three hospitals (MOI, TRRH, MRRH)

## 29.7 Site Visit Form

Download Annex C from the link below

**More info:** <https://www.clintonhealthaccess.org/>