



# TENDER DOCUMENT

**SUPPLY of Liquid Oxygen (LOX),  
SUPPLY, INSTALLATION, COMMISSIONING AND OPERATION OF LOX VIE**

**AT THE Mbabane Government Hospital, Mbabane, Eswatini**

**(Hereafter called Mbabane LOX Supply Project)**

**DIRECT CONTRACT WITH  
Contracting Entity i.e. Right To Care NPC  
(hereinafter referred to as "RTC")**

**ISSUE DATE: Friday 15 March 2024**

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Errors and Omissions Accepted

## 1 PREAMBLE

The Mbabane Government Hospital is a National Referral Public Hospital operated by the Eswatini Ministry of Health (MoH). The hospital is located in Mbabane, Eswatini.

Right to Care is a Non-Governmental Organisation (NGO) based in Centurion, South Africa that is the implementation partner of the Global Fund for healthcare aid in Southern Africa.

RTC requires the installation of a 20-ton Oxygen Vacuum Insulated Evaporator (VIE) tank and related pressure control and remote monitoring equipment at the hospital as well as the supply of an average of 15 metric ton of medical grade Liquid Oxygen (LOX) per month for a three-year period.

This document provides the technical and commercial specification for the acquisition, installation, commissioning and supply of this LOX infrastructure.

## 2 SCOPE OF WORK

This tender makes provision for the supply a Medical Liquid Oxygen supply for 36 months as specified below:

- a) Supply, delivery, installation, commissioning and operation of a 20t Liquid Oxygen Vacuum Insulated Evaporator (VIE) tank with all pressure control- and safety equipment to supply Gaseous Medical Grade Oxygen at a minimum flow rate of 0 liters per minute (L/min) and a maximum of 9 000 L/Min at a pressure of 420kPa on a continuous duty cycle for 36 months. **At the end of the 36-month period, ownership of the VIE shall pass onto the Eswatini MoH or their Public Works Department, as nominated.**
- b) The supply and delivery to site of 540 metric ton of Medical Grade Liquid Oxygen (99.5 v/v O<sub>2</sub>) over a 36-month period at an average rate of 15 metric ton per calendar month. This rate shall be variable and based on demand.
- c) Each delivery of LOX shall be accompanied by a certificate of oxygen purity i.e. percentage oxygen volume/volume.

at the Mbabane Government Hospital, Mbabane, Eswatini.

The bidder shall allow in his bid price for all material, labour, supervision, transport, tests and all other items necessary to complete the contract in its entirety.

In the event where the supply and/or installation of any item, material or equipment do not form part of this Contract, it will be specifically indicated as such in his specification and/or the accompanying drawings.

## 3 EXCLUSIONS

The following is hereby excluded:

- 1) All civil works for the VIE installation. The plinth and security fence and lockable gate will be provided to specification by others.
- 2) All electrical works. The three-phase supply for the tanker pump and lighting will be provided to specification by others.
- 3) All oxygen piping outside of the VIE enclosure fence.

#### 4 TYPE OF CONTRACT

This contract will be a direct contract to be executed by the successful tenderer who will be the "Supplier", as referred to in this document and RTC who will be the "Client". The standard RTC supplier application/approval process will apply should the successful bidder not be a current RTC vendor.

The appointment will be according to the standard Right to Care procurement standard.

#### 5 TENDER ELIGIBILITY

This is an open tender to contractors/suppliers that are registered in South Africa and/or Eswatini as a supplier and distributor of Liquid Oxygen.

#### 6 TENDER ADJUDICATION

The tender will be adjudicated by RTC according to their procurement policy. A tender adjudication committee will be appointed that consists of engineering, finance, legal and procurement specialists. The adjudication committee's recommendation will be tested against their procurement policy and the Head of Procurement will issue a final appointment instruction to the Principal Agent.

The tender will be awarded based on completeness of document submission, proving competency and price according to the following formula:

Should any of the following not be included in the contiguous pdf document pack, the bid shall be marked as "technically incomplete"		
<ol style="list-style-type: none"><li>1. Registered as a supplier and distributor of Medical Grade Liquid Oxygen in Eswatini.</li><li>2. Completed and signed supplier registration form</li><li>3. A copy of valid tax clearance certificate</li><li>4. VAT Certificate</li><li>5. Bank stamped account confirmation letter</li></ol>		
Description	Percentage	Scoring
Price	100% (Hundred)	Prices scored pro-rata according to the approved policy on Tenders
<b>TOTAL</b>	<b>100% (one hundred percent)</b>	

#### 7 REQUIRED DOCUMENTATION

Only submissions from companies with submitted proof of the following will be considered. The contractor will be:

- 1) A registered company, with attached company registration document bearing proof of company name and registered address.
- 2) Be in good standing with the local revenue service.

#### 8 CONTRACT PRICE, ADJUSTMENT AND VARIATION ORDERS

This will be a fixed price contract per kilogram of LOX delivered for the duration of thirty-six months (three years).

The price shall include:

- 1) Cost of supply and installation of the insulated tank, evaporator, pressure control- and telemetry equipment (including data costs).
- 2) The cost of maintaining the LOX installation.
- 3) Delivery of LOX product to the Mbabane Government Hospital in Eswatini based on one delivery per three weeks.

The tenderer shall make provision in his tender price for possible fluctuations in all other costs.

## **9 EXTRA PAYMENTS**

Should the average LOX product be lower than 15 ton per month over a year cycle, the non-product costs can be recovered based on a proven cost base.

## **10 RATE OF EXCHANGE**

This tender will not be subject to fluctuations in the rate of exchange. The tender needs to be priced in the local currency of the country where the project will be executed.

## **11 PROGRAMME AND COMPLETION**

The tenderer shall state the time, in days, required for completion of the contract in the Price Schedule and such time will be used as contractual completion time of the project.

## **12 METHOD STATEMENT**

The contractor will be required to complete a work method statement for the installation.

## **13 HEALTH AND SAFETY**

The contractor will adhere to all Health and Safety (H&S) requirement of the hospital.

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.

## **14 ACCESS AND CONTROL**

The contractor and all other employees will be required to keep a register of time on site and handed to the Principal Agent on request.

## **15 SPECIFICATIONS, STANDARDS AND CODES**

The installation shall be according to the following standards as far as practical.

- 1) SANS 7396-1

## **16 SITE OFFICE**

If required the contractor, in coordination with the maintenance manager shall provide his own site office.

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

## **17 HANDLING OF MATERIAL**

The Contractor shall be responsible for providing all the required equipment for the off-loading and proper handling of the plant and material on site.

## **18 DOCUMENTS APPLICABLE**

The following documents are available and will be provided on request:

- i. None:

Any deviation from the design, must be declared in the covering letter of the tender submission.

## **19 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 Engineer.

The Engineer 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 Engineer should be notified no less than 10 (ten) days before completion for sign-off.

No snagging procedure shall apply. Work completion shall be accepted or rejected per section as set out below.

## **20 CONTRACT COMPLETION MILESTONES**

### **20.1 Sectional Completion**

Delivery of oxygen invoiced on a monthly basis in arrears.

### **20.2 Works Completion**

Works Taking Over Notice will be issued after:

1. Thirty-Six months of oxygen supply.

### **20.3 Final Completion**

Final Completion will be reached once

1. Receiving of the VIE (including cryogenic container, evaporator, and pressure control equipment) handover file.

## **21 PRICE SCHEDULES**

Tenderers are required to submit unit price per kilogram of oxygen.

Price to hold firm for the thirty six months contract duration.

## **22 PENALTIES**

The following penalties shall be applicable:

1. Should the LOX supply run out during the thirty-six .

## **23 SITE VISIT FOR TENDERING PURPOSES**

A mandatory site visit will take place at 11h00 on Thursday the 4<sup>th</sup> of April 2024 on site. An attendance register will be kept and only contractors who attend the compulsory site visit will be considered.

Unscheduled site visits will not be allowed by the hospital.

## **24 GENERAL CONDITIONS**

If successful, the contractor will follow the normal RTC procurement process. RTC Standard Procurement Terms and Conditions shall apply.

## **25 COMPULSORY SUBMITTABLE DOCUMENTS**

The following documents needs to be submitted by the tender closing date:

1. Covering letter of introduction and deviation from the engineer's design.
2. Attached "Bid Submission Document" that is completed, initialed on each page and signed.
3. Company registration documentation

4. Value added Tax registration & Certificate of good standing documents
5. Bank Stamped Account confirmation letter
6. Completed and duly signed supplier registration form.

## **26 SUBMISSION DATE AND TIME**

The completed tender submission must be filled out by hand, scanned and submitted electronically in .pdf to the email address and by the closing date indicated on the front page of the returnable document.

No late submissions shall be accepted.



# BID SUBMISSION DOCUMENT

**BID SUBMISSION DOCUMENT FOR  
SUPPLY of Liquid Oxygen (LOX),  
SUPPLY, INSTALLATION, COMMISSIONING AND OPERATION OF LOX VIE**

**AT THE Mbabane Government Hospital, Mbabane, Eswatini**

**(Hereafter called Mbabane LOX Supply Project)**

**DIRECT CONTRACT WITH  
COPY FROM FRONT PAGE  
(hereinafter referred to as "RTC")**

**CONTRACTOR NAME:**

---

**CLOSING DATE: Tuesday 30 April 2024 at 12h00**

Electronic submission in .pdf to: [procurement@righttocare.org](mailto:procurement@righttocare.org)

Please scan this document, completed by hand, initialed on each page and signed



## 1 SCOPE OF WORK

This tender makes provision for the supply a Medical Liquid Oxygen supply for 36 months as specified below:

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- b) The supply and delivery to site of 540 metric ton of Medical Grade Liquid Oxygen (99.5 v/v O<sub>2</sub>) over a 36-month period at an average rate of 15 metric ton per calendar month. This rate shall be variable and based on demand.
- c) Each delivery of LOX shall be accompanied by a certificate of oxygen purity i.e. percentage oxygen volume/volume.

at the Mbabane Government Hospital, Mbabane, Eswatini.

The bidder shall allow in his bid price for all material, labour, supervision, transport, tests and all other items necessary to complete the contract in its entirety.

## 2 REQUIRED DOCUMENTS

Please scan these documents, **in this order, and submit in contiguous .pdf** no larger than 20MB.

### 2.1 Bid Submission Document

This completed section of the Tender Document.

### 2.2 Completed Bill of Quantities

Bill of Quantities is not applicable.

### 2.3 Attachments Covering Letter

Covering letter of introduction stating any intended deviations from the specification.

### 2.4 Company Registration

The company is locally registered. Please attach a copy of registration.

### 2.5 Tax Compliance

Please attach

- a) Value Added Tax (VAT) registration, if applicable
- b) Income Tax Certificate of Good Standing.
- c) Bank stamped account confirmation letter

### 2.6 Supplier Registration Document

Please attach

Completed and duly signed supplier registration form if not already a RTC Vendor.

## 3 SCHEDULE OF SIMILAR WORK EXECUTED BY THE BIDDER

The Bidder must insert in the spaces provided below; a list of work completed by him during the past five (5) years. Only work of a similar nature to this Contract must be listed.

	Employer	Description of Work	Year Completed
1			
2			
3			
4			
5			

SIGNED ON BEHALF OF BIDDER: .....

**4 SUB-CONTRACTORS**

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

Nr	Sub-Contractor	Scope
1		
2		
3		

**4.1 Capacity**

Number of Qualified staff available for the project: .....

Number of Non-Qualified staff in full time employment available for the project: .....

**5 PRICING**

Price per Kilogram of Liquid Oxygen including VIE ZAR.....

Add 15% VAT ZAR.....

BID INCLUDING VAT ZAR.....

TOTAL BID in words.....

.....

**Price to be firm for 90 days from date of tender closing date.**

**6 CONTRACT PERIOD**

Lead time, in days, from appointment, required installation of VIE: .....days

Time, in days, required for delivery of LOX: .....days

**7 TENDERER'S STATEMENT**

I/We tender for the execution of the services as described herein:

TENDERER'S REGISTERED NAME AND ADDRESS:

.....  
.....

COMPANY/KEY PERSON CONTACT NUMBER: .....

COMPANY REGISTRATION NUMBER: .....

COMPANY VAT NUMBER: .....

Tenderer's Authorised Signatory

.....  
(Signature)

Name: .....

Capacity: .....

Email Address .....

Date: .....