



**KWAZULU-NATAL PROVINCE**

HEALTH  
REPUBLIC OF SOUTH AFRICA

## Quotation Advert

Opening Date: 14/01/2026

Closing Date: 21/01/2026

Closing Time: 11:00

### INSTITUTION DETAILS

Institution Name: Hlabisa Hospital

Province: KwaZulu-Natal

Department of entity: Department of Health

Division or section: Central Supply Chain Management

Place where goods/  
service is required: **HLABISA HOSPITAL**

Date Submitted: 13/01/2026

### ITEM CATEGORY AND DETAILS

Quotation number: ZNQ: HLB: 155 25/26

Item Category: Services

Item Description: **REPLACEMENT OF CONDENSOR COILS FOR  
THEATRE AIRCONDITION**

Quantity (if supplies):

**COMPULSORY BRIEFING SESSION / SITE VISIT**

Select Type: **Compulsory Briefing**

Date: **19 JANUARY 2026**

Time: **10H00**

Venue: **HLABISA HOSPITAL SCM GATE**

**QUOTES CAN BE COLLECTED FROM: ON SITE MEETING**

**QUOTES SHOULD BE DELIVERED TO: 60 SAUNDERS STREET, HLABISA HOSPITAL  
MAINGATE TENDERBOX, HLABISA, 3937**

**ENQUIRIES REGARDING ADVERT MAY BE DIRECTED TO:**

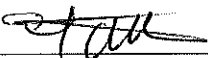
Name: **N.L DLAMINI**

Email: **hlabisa.quotations@kznhealth.gov.za**

Contact number: **035 838 8676**

Finance Manager Name: **MR I.T NDWANDWE**

Finance Manager Signature:

  
\_\_\_\_\_



Physical Address : 60 Saunders Street, HLABISA 3937  
Postal Address : Private Bag X 5001 HLABISA 3937  
Tel: 035 838 8600 Fax: 035 838 1117 Email: Hlabisa.Maintenance@kznhealth.gov.za  
www.kznhealth.gov.za

**MAINTENANCE**

Enquiries: MR. K.T Mavundla  
EXT No.: 8623  
Section: Maintenance

**PROVINCE OF KWAZULU-NATAL: DEPARTMENT OF HEALTH**

**HLABISA DISTRICT HOSPITAL**

**Project name:** Replace unites coils to the Theater HVAC

**Project description:** Replace HVAC coil and all listed parts, detect and repair gas leaks, re-gas the unit, commotion and give the guarantee of 12 months after repair

**Site Name:** Hlabisa main Theater plant room

**Site Visit:** Compulsory Date: 19/01/2026 Time: 10h00

**QUOTATION NO:** HLB 155 -25/26

**1. Minimum requirement**

- Valid CIDB ME Grade 2
- Valid CSD
- Proof of previous experience on HVAC plant equipment x3
- Gas certificate

**2. Retainable document during tender submission for evaluation and awarding**

- Signed tender document
- Valid tax Clearance
- Valid BBBEE Certificate
- Valid CIDB ME Grade 2
- Valid CSD
- Proof of previous experience on HCAV plant equipment x3

- Proof of Gas certificate working on the same company tendering (certified copy not older than 3 months) or valid written agreement between company and registered personal not older than 3 months
- Proof of the Artisan/technician employment on the same company tendering who will be working on site ( att. Certified copy not older than 3 months)
- Signed Site briefing certificate by hospital official

**NB:** Failing to submit the above documents your tender quotation will be disqualified.

### 3 CONDITIONS OF CONTRACT

#### 3.1 NOTICE TO BIDDERS

- The institutions will remain open and operational at all times therefore the Contractor shall make the necessary arrangements with the Institutional Management and maintenance staff for any power outages that are required. **This may necessitate weekend work**
- All rubble shall to be removed from the institution's property immediately.
- All equipment and materials used in this contract shall be that which is specified or **other approved prior to submission and closure of the bid.**
- The Contractor is advised to examine all the drawings (if any) and to visit the site prior to tendering to acquaint him/herself with the nature of the work to be done and access to the siting of the existing buildings etc., as no claim will be allowed on the grounds of ignorance of the conditions under which the work will be executed.
- All items quantities in the Schedule of Prices are **PROVISIONAL** and subject to re-measure after installation.
- The Schedule of Prices shall be read in conjunction with the Scope of Work. Any discrepancies or omissions shall be brought to the attention of the Project Leader immediately.
- **Preference will be given to Bidders who have registered offices / workshops within the borders of the Province of KwaZulu-Natal. This is in an effort to reduce response times to call outs for breakdowns in the more remote areas of the Province.**
- **The Contractor must be registered with CIDB and must have minimum grading of 2ME.**
- **The Contractor must be competent with proven experience in working with air-conditioning equipment with traceable references.**

**3.2. EXECUTION PERIOD:** Four (4) Week(s) is the specified completion period for the construction stage from the date of award.

## 4. Technical specification

**4.1. VISITE SITE:** - The tenders are to visit the site prior to tendering and satisfy themselves as to the nature and extent of the work to be done, also to examine the condition of all buildings as no claim to entertained on the grounds of ignorance of the condition under which the work was to be executed

**4.2. GUARANTEED:** The complete Repair must be guaranteed against defective parts and workmanship for a period of twelve months (12) after the date of issue of the Completion Certificate. This period shall run concurrently with the maintenance period. Rates are to include for commissioning and testing of the complete Repair and handing over in working order ready for use.

**4.3. MAINTENANCE:** The Department of Health reserves the right to make emergency repairs to keep the equipment in operation without voiding the Contractor's Guarantee, nor relieving the Contractor of his responsibility during the guarantee period when, after proper notice, the Contractor fails to attend to such emergency repairs. All costs incurred by the Administration under these circumstances will be for the account of the Contractor.

**4.4. CERTIFICATE OF CONFORMITY:** The contractor shall supply the mandatory **Certificate of Conformity** as contemplated by the Occupational Health & Safety Act and its regulations, particularly Pressure Equipment Regulations, SANS347. The acceptable standard format is the South African Refrigeration and Air-Conditioning Contractors Association showing the commissioning of the works  
And the SAQCC registration of the artisan working on the system. First practical completion of the works will not be taken without the signed certificate.

### Specification

The systems must provide consistent, reliable performance. Which enables hospitals to maintain the optimal indoor environment required for excellent inpatient health, top-quality care, and both staff and patient comfort. It must be consistent performance and precision control empower you to maintain hospital rooms at optimal temperature. It must permits operation at low pressure ratios. This delivers the required cooling capacity with less energy consumption.

#### *High system availability*

The HVAC must provide peak performance 24/7 to keep ward buildings cool. Extensive system redundancy ensures steady operation. For instance, should one compressor go offline, the others continue to deliver cooling. It must have Fast Restart feature to get the compressor up and running again—typically in only 120 seconds or less.

#### *Low noise, better sleep*

The HAC must have minimal vibration. The sound produced by the machine must be as little as 70 dBA. Quiet operation helps prevent patients and staff from disruption by loud noises.

#### *Remote monitoring*

The HAC performance is monitored 24/7. It must able to operate on the panel display touch-screen and Password-protected wireless connection monitor the system's controller to keep a close eye on the cooling system, even from a distance.

K.T

## Local HVAC Standards and Regulations: A Comprehensive Guide for South Africa

Ensuring optimal indoor air quality and thermal comfort in South African residential and commercial spaces is vital. HVAC systems, integral to this goal, must adhere to both national and international standards and regulations. This extended guide delves into the detailed regulations and standards governing the HVAC industry in South Africa, highlighting the importance of compliance for safety, efficiency, and sustainability.

### **SANS (South African National Standards) Regulations:**

- **SANS 10400-T - Environmental Sustainability:** This standard outlines the requirements for energy usage in buildings, focusing on HVAC systems' contribution to environmental sustainability.
- **SANS 10139 - Air Conditioning Systems:** Details the design, installation, and application guidelines for air conditioning systems, ensuring they meet safety, performance, and energy efficiency criteria.

### **The Pressure Equipment Regulations (PER):**

- Under the Occupational Health and Safety Act, 1993, these regulations set standards for pressure equipment, essential for HVAC systems operating under pressure.
- This includes requirements for design, manufacture, operation, and maintenance to prevent accidents and ensure safety.

### **Refrigerant Regulations:**

- South Africa's commitment to reducing ozone-depleting substances includes a shift in the refrigerants used in HVAC systems.
- *The Montreal Protocol*, as adopted by South Africa, mandates the gradual elimination of harmful refrigerants, impacting the selection and use of refrigerants in new and existing HVAC systems.

### **Energy Performance Certificates (EPCs):**

- EPCs, required for commercial buildings being sold or rented, assess a building's energy performance, directly influenced by its HVAC systems. These certificates encourage the installation of energy-efficient HVAC systems.

### **Compulsory Specifications:**

- Enforced by the NRCS, these specifications ensure HVAC products meet safety, health, and environmental standards, including aspects like material quality, design, and operational safety.

### **Qualifications & Training:**

- Professional training and qualifications are mandatory for HVAC technicians in South Africa. Certifications from accredited institutions ensure that technicians are skilled in the latest technologies and compliant with current regulations.
- 

### **Maintenance & Inspection:**

- Regularly scheduled maintenance and inspections are crucial for the longevity and efficiency of HVAC systems. This also involves updating systems to comply with new regulations and technological advancements.

### **Energy Efficiency Regulations:**

- These regulations aim to reduce energy consumption in South Africa. They include guidelines for the installation of energy-efficient HVAC systems and regular upgrades to existing systems to improve their energy efficiency.

### **Building Code Compliance:**

- HVAC systems must comply with South Africa's National Building Regulations, ensuring that installations do not compromise building safety and structural integrity.

### **Environmental Impact Assessment:**

- For large-scale HVAC installations, an environmental impact assessment might be required to evaluate and mitigate any potential negative effects on the environment.

### **Fire Safety Regulations:**

- HVAC systems must adhere to fire safety regulations, ensuring that they do not increase the risk of fire and are equipped with necessary fire prevention and suppression features.

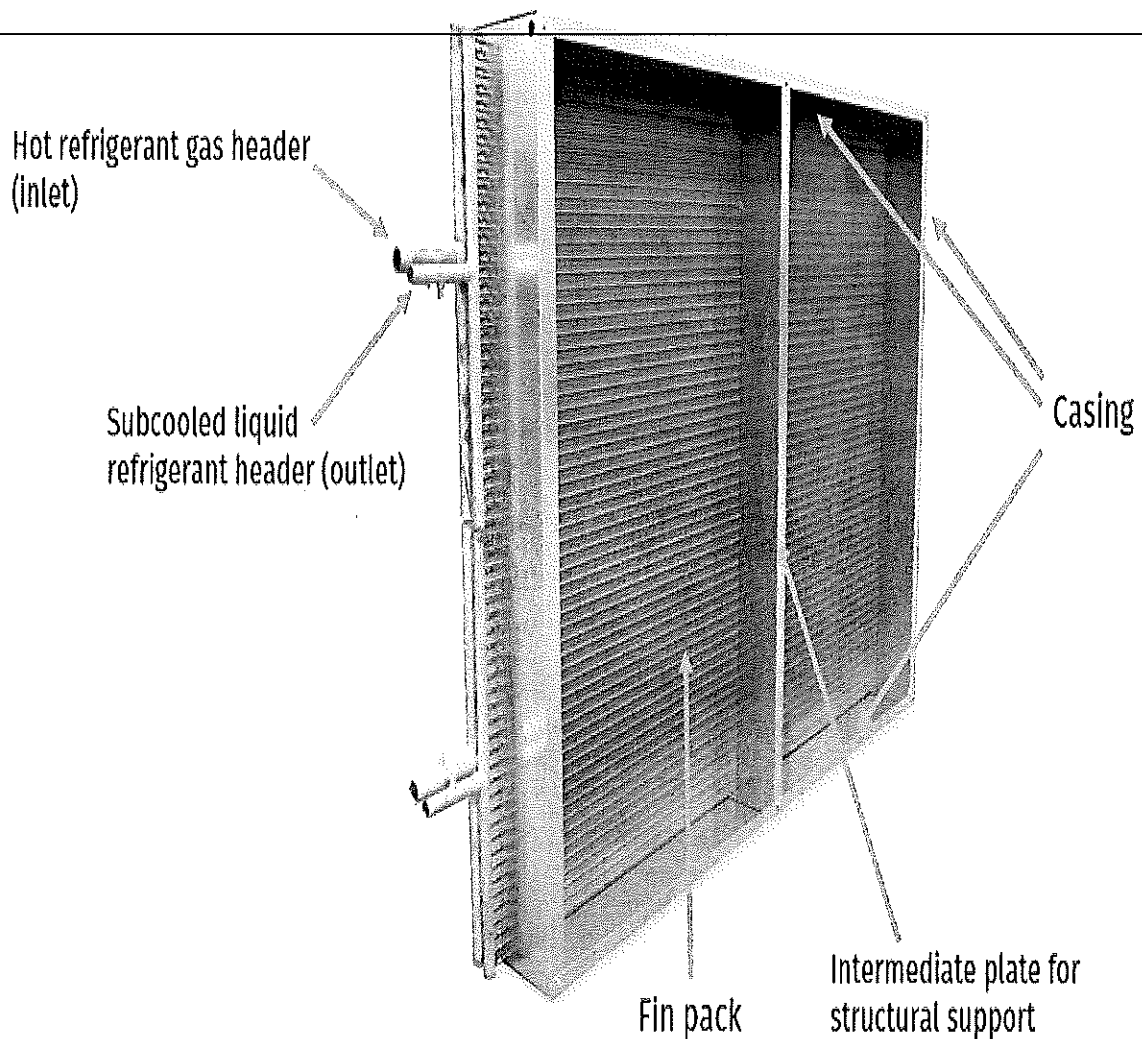
### **Indoor Air Quality Standards:**

- *Regulations also emphasise the importance of maintaining indoor air quality, necessitating regular air quality assessments and the incorporation of air purification or filtration systems in HVAC designs.*

In conclusion, the myriad of standards and regulations for the HVAC industry in South Africa underscores the commitment to safety, efficiency, and environmental responsibility. Homeowners, business owners, and HVAC professionals must not only comply with these regulations but also stay informed about ongoing changes and advancements. A well-regulated HVAC system is a cornerstone of a comfortable, safe, and sustainable indoor environment in South Africa.

*K.T*

## 5. Scope of work



**It is the responsibility and compulsory to the contractor to com for site vast for measurement and see equipment. It is advisable to the contractor send qualified person on site.**

### **Removal:**

The contractor must do all preparation and remove the existing HVAC our door coil units on both Theatre units. Remove all scrap on the roof, clean up the area and disposed accordingly. During this activity the contractor to ensure that no damages on the existing working equipment and infrastructure or any patient or workers around, therefore the contractor must ensure about safety of people and structure

**Replacement:** Supply and install new copper coil unit marching the existing will all aspect. Do all the necessary welding the join new and existing unit. Replace all oil separators on bout units marching the existing. Remove all the driers and replace with the new one marching the existing.

K-T

Replace all electrical LP/HP switches .Replace all expansion valves on the system. The contractor shall allowed

The replacement of compressors if needed and if not the contractor will leave the new compressors with the project manager on site.

~~Without replacing the existing control box the contractor shall see and ensure that the system is working using the existing control box.~~

**Detect:** Detect all gas leaks on the system and repair from the existing unit outdoor to the interior unite Test all compressor windings, flush the system and pressure test before re-gas then gas the system.

Replace all Driers, electronic switches expansion valves.