




Quotation Advert

Opening Date: 2019-10-02 
Closing Date: 2019-10-09 
Closing Time: 11:00

INSTITUTION DETAILS



Institution Name: Head Office Quotations 
Province: KwaZulu-Natal
Department or Entity: Department of Health
Division or section: Central Supply Chain Management
Place where goods / services is required Escourt Forensic Mortuary
Date Submitted 

ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ:
963/19/20-H
Item Category: Services 
Item Description: Servicing of HVAC and Refrigerator Equipment FORENSIC MORTUARY.
CIBD Grading 1 ME/EB

Quantity (if supplies)

COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Compulsory Site Visit 
Date : 2019-10-07 
Time: 09:30am
Venue:

QUOTES CAN BE COLLECTED FROM: www.kzhealth.gov.za

QUOTES SHOULD BE DELIVERED TO: quotations.scmho@kznhealth.gov.za

ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

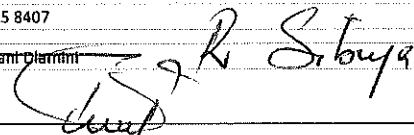
Name: Londiwe Makhathini
Email: londiwe.makhathini@kznhealth.gov.za
Contact Number:

Finance Manager Name:

033 815 8407

Finance Manager Signature:

Dumisani Dlamini



No late quotes will be considered

 Submit |  Save | Save As... |  Close |  Print Preview

Print this page

Note:

1. The completed Quotation Advert must be printed and signed by the Finance manager.
2. A signed copy of the Quotation Advert must be scanned and emailed to web administration: webmaster@kznhealth.gov.za for uploading to the department website.
3. N.B if the scanned copy emailed to web Administration is not a signed copy (by the finance manager), the advert/award WILL NOT be uploaded.

Site Updated:28 September, 2019, 10:44 am

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Contact the Web Administrator

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS / SERVICES / WORKS OFFERED? **[IF YES ENCLOSE PROOF]**

OFFICIAL PRICE PAGE FOR QUOTATIONS

SIGNATURE OF BIDDER DATE.....
 [By signing this document I hereby agree to all terms and conditions]

CAPACITY UNDER WHICH THIS QUOTE IS SIGNED.....

Item No	Quantity	Description	Brand & model	Country of manufacture	Price	
					R	c
1	various	Servicing Of HVAC Refrigerator Equipmen Units at Escourt Mortuary				
		NB: Specification Attached CIBD grading 1 ME/EB Compulsory Site Inspection Venue:Escourt Mortuary Date:07 October 2019@09:30pm				
		Original documents required in a sealed envelope with current CSD summary report reflecting banking details, certified copy of B-BBEE certificate by verified agency and accredited by SANAS , Tax Clearance certificate or SARS pin				
		Responses to be delivered:310 Jabu Ndlovu street,old boys Model,Quotation tender box OR email to Melanie.Grewe@kznhealth.gov.za or quotations.scmho@kznhealth.gov.za				
VALUE ADDED TAX (Only if VAT Vendor)						
TOTAL QUOTATION PRICE (VALIDITY PERIOD 60 Days)						

Does This Offer Comply With The Specification?	Does The Article Conform To The S.A.N.S. / S.A.B.S. Specification?
Is The Price Firm?	State Delivery Period E.G. E.G. 1day, 1week

Enquiries regarding the <u>quote</u> may be directed to: Contact Person: <u>Londiwe Makhathini</u> Tel: <u>033-8158407</u>	Enquiries regarding <u>technical information</u> may be directed to: Contact Person: <u>Sbongiseni Mathe</u> Tel: <u>033 940 2535</u>
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SPECIAL CONTRACT CONDITIONS OF QUOTATIONS

1. AMENDMENT OF CONTRACT

1.1. Any amendment to or renunciation of the provisions of the contract shall at all times be done in writing and shall be signed by both parties.

2. CHANGE OF ADDRESS

2.1. Bidders must advise the Department of Health (institution where the offer was submitted) should their address (*domicilium citandi et executandi*) details change from the time of bidding to the expiry of the contract.

3. GENERAL CONDITIONS ATTACHED TO THIS QUOTATION

- 3.1. The institution is under no obligation to accept the lowest or any quote.
- 3.2. The price quoted must include VAT (if VAT vendor). However, it must be noted that the department reserves the right to evaluate all quotations excluding VAT as some bidders may not be VAT vendors.
- 3.3. The bidder must ensure the correctness & validity of quote:
 - (i) *that the price(s), rate(s) & preference quoted cover all for the work/item (s) & accept that any mistakes regarding the price (s) & calculations will be at the bidder's risk*
- 3.4. The bidder must accept full responsibility for the proper execution & fulfilment of all obligations conditions devolving on under this agreement, as the Principal (s) liable for the due fulfilment of this contract.
- 3.5. This quotation will be evaluated based on the 80/20 points system, specification & correctness of information. All required documentation must be completed in full and submitted.
- 3.6. Offers must comply strictly with the specification.
- 3.7. Only offers that meet or are greater than the specification will be considered.
- 3.8. Late quotes will not be considered.
- 3.9. Expired product/s will not be accepted. All products supplied must be valid for a minimum period of six months.
- 3.10. A bidder not registered on the Central Suppliers Database or verification has failed will not be considered.
- 3.11. All delivery costs must be included in the quote price, for delivery at the prescribed destination.
- 3.12. Only firm prices will be accepted. Such prices must remain firm for the contract period. Non-firm prices (including rates of exchange variations) will not be considered.
- 3.13. In cases where different delivery points influence the pricing, a separate pricing schedule must be submitted for each delivery point.
- 3.14. In the event of a bidder having multiple quotes, only the cheapest according to specification will be considered. Furthermore a verification will be done to identify if bidders have multiple companies and are quoting (cover-quoting) for this bid. In such instances only the cheapest bid according to specification will be considered.

4. SAMPLES

- 4.1. In the case of the quote document stipulating that samples are required, the supplier will be informed in due course when samples should be provided to the institution. (This decreases the time of safety and storage risk that may be incurred by the respective institution). The bidders sample will be retained if such bidder wins the contract.
 - (i) If a company/s who has not won the quote requires their samples, they must advise the institution in writing of such.
 - (ii) If samples are not collected within three months of close of quote the institution reserves the right to dispose of them at their discretion.
- 4.2. **Samples must be made available when requested in writing or if stipulated on the document.**
 - (i) If a Bidder fails to provide a sample of their product on offer for scrutiny against the set specification when requested, their offer will be rejected. All testing will be for the account of the bidder.

5. COMPULSORY SITE INSPECTION / BRIEFING SESSION

5.1. Bidders who fail to attend the compulsory meeting will be disqualified from the evaluation process.

- (i) The institution has determined that a compulsory site meeting will take place
- (ii) Date 07 / 10 / 2019 Time 09 : 30 Place Escourt Mortuary

Institution Stamp:	Institution Site Inspection / briefing session Official Full Name: Signature: Date:
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6. STATEMENT OF SUPPLIES AND SERVICES

- 6.1. The contractor shall, when requested to do so, furnish particulars of supplies delivered or services executed. If he/she fails to do so, the Department may, without prejudice to any other rights which it may have, institute inquiries at the expense of the contractor to obtain the required particulars.

7. SUBMISSION AND COMPLETION OF SBD 6.1

- 7.1. Should a bidder wish to qualify for preference points they must complete a SBD 6.1 document. Failure by a bidder to provide all relevant information required, will result in such a bidder not being considered for preference point's allocation. The preferences applicable on the closing date will be utilized. Any changes after the closing date will not be considered for that particular quote.

8. TAX COMPLIANCE REQUIREMENTS

- 8.1. In the event that the tax compliance status has failed on CSD, ***it is the suppliers' responsibility to provide a SARS pin in order for the institution to validate the tax compliance status of the supplier.***
- 8.2. In the event that the institution cannot validate the suppliers' tax clearance on SARS as well as the Central Suppliers Database, ***the quote will not be considered and passed over as non-compliant according to National Treasury Instruction Note 4 (a) 2016/17.***

9. TAX INVOICE

- 9.1. A tax invoice shall be in the currency of the Republic of South Africa and shall contain the following particulars:

- (i) the name, address and registration number of the supplier;
- (ii) the name and address of the recipient;
- (iii) an individual serialized number and the date upon which the tax invoice is issued;
- (iv) a description and quantity or volume of the goods or services supplied;
- (v) the official department order number issued to the supplier;
- (vi) the value of the supply, the amount of tax charged;
- (vii) the words tax invoice in a prominent place.

10. PATENT RIGHTS

- 10.1. The supplier shall indemnify the **KZN Department of Health** (hereafter known as the purchaser) against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

11. PENALTIES

- 11.1. If the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract.

12. TERMINATION FOR DEFAULT

- 12.1. The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
- (i) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract,
 - (ii) if the supplier fails to perform any other obligation(s) under the contract; or
 - (iii) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 12.2. In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services.
- 12.3. Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.

FAILURE TO COMPLY WITH ABOVE WILL RESULT IN YOUR QUOTE BEING PASSED OVER.

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all quotes invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all quotes:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and

1.2 The value of this quote is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable.

1.3 Points for this quote shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this quote is allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the quote, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a quote is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **"B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **"EME"** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **"functionality"** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **"prices"** includes all applicable taxes less all unconditional discounts;
- (h) **"proof of B-BBEE status level of contributor"** means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **"QSE"** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \text{ Where}$$

- P_s = Points scored for price of bid under consideration
- P_t = Price of bid under consideration
- P_{min} = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

5. BID DECLARATION

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: =(maximum of 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.)

7. SUB-CONTRACTING

(Tick applicable box)

7.1 Will any portion of the contract be sub-contracted?

YES	NO
-----	----

7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....

8. Whether the sub-contractor is an EME or QSE

(Tick applicable box)

iv) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

YES	NO
-----	----

Designated Group: An EME or QSE which is at least 51% owned by:	EME	QSE
Black people	✓	✓
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

9. DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of company/firm:.....

9.2 VAT registration number:.....

9.3 Company registration number:.....

9.4 TYPE OF COMPANY/ FIRM [TICK APPLICABLE BOX]

- Partnership/Joint Venture / Consortium
- One person business/sole propriety
- Close corporation
- Company
- (Pty) Limited

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

9.6 COMPANY CLASSIFICATION [TICK APPLICABLE BOX]

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g. transporter, etc.

9.7 Total number of years the company/firm has been in business:.....

9.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution.

WITNESSES

1.

2.

.....

SIGNATURE(S) OF BIDDERS(S)

DATE:

ADDRESS.....

.....

.....

DEPARTMENT OF HEALTH

PROVINCE OF KWAZULU-NATAL

**SERVICING, REPAIR, MAINTENANCE, UPGRADING AND
REPLACEMENT WORKS FOR FIXED MECHANICAL PLANT
EQUIPMENT AND INSTALLATIONS INSTALLED IN KWAZULU-
NATAL PROVINCIAL HOSPITALS, CLINICS AND BUILDINGS AND
INSTITUTIONS, FOR THE DEPARTMENT OF HEALTH**

QUOTATION NUMBER:

REQUIRED CIDB GRADING: 1ME/EB

FACILITY NAME: ESTCOURT FORENSIC MORTUARY

**PROJECT DESCRIPTION: ESTCOURT MEDICO LEGAL MORTUARY
MAINTENANCE CONTRACT/SPECIFICATION**

QUOTATION DOCUMENT

**DEPARTMENT OF HEALTH
Estcourt MLM**

Project Leader: Bonginkosi Mathe

Telephone No: 062 688 4329

Email: Bonginkosi.Mathe@kznhealth.gov.za

ESTCOURT MEDICO LEGAL MORTUARY MAINTENANCE CONTRACT/SPECIFICATION

1 PURPOSE, SCOPE AND DEFINITIONS OF CONTRACT WORK CATEGORIES

The purpose of this contract specification is to procure the services of a reputable, competent and accredited heating, ventilation, air-conditioning and refrigeration (HVAC&R) Contractor to execute maintenance and repair works on HVAC&R system and related ancillaries in the UThukela District Forensic Mortuary – Estcourt MLM.

2 DEFINITIONS OF WORK CATEGORIES

The work categories are as under:

- **Maintenance:** (including preventive maintenance) defined as work required for the upkeep any existing electrical works, which is presently functioning, in operational order.
- **Repairs:** defined as that work required to be executed on any existing electrical work, which is at present not functioning and must be returned to its original state of functioning by replacing it with new equipment of the same capacity/capability and technological features.

ESTCOURT MEDICO LEGAL MORTUARY MAINTENANCE CONTRACT/SPECIFICATION

3 CONDITIONS OF CONTRACT

3.1 NOTICE TO BIDDERS

- 3.1.1 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.
- 3.1.2 The Administration reserves the right to negotiate prices in the Schedule of Prices.
- 3.1.3 All redundant material and rubble shall to be removed from the institution's property immediately.
- 3.1.4 The Contractor is advised 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.
- 3.1.5 All items quantities in the Schedule of equipment are PROVISIONAL and subject to re-measure after Site visit
- 3.1.6 The Schedule of equipment shall be read in conjunction with the Scope of Work.
- 3.1.7 Any discrepancies or omissions shall be brought to the attention of the Project Leader immediately.
- 3.1.8 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.
- 3.1.9 The Contractor must be registered with CIDB and must have minimum grading of 1ME/EB.
- 3.1.10 The Contractor must be competent with proven experience in working with air-conditioning and refrigeration equipment with traceable references

4 EXECUTION PERIOD

One (1) Week is the specified maximum completion period for the maintenance of the air-conditioning and refrigeration plant from the date of award.

5 TECHNICAL SPECIFICATION

5.1 COMPLIANCE WITH REGULATIONS AND STANDARD SPECIFICATIONS

- a) These works are to be carried out in accordance with the KwaZulu-Natal Province Standard Specification for Refrigeration Services reference M-RCFM Issue 1 1998 and the KZN Standard specification for Air-conditioning and ventilation Services 127 pages
- b) The Contractor shall only use genuine OEM parts should replacement of parts be necessary.
- c) The Contractor shall observe and abide by all rules and regulations a stipulated in the Occupational Health and Safety Act (Act 85, 1993) while conducting maintenance in the facility.
- d) The control panel, associated components and wiring shall be installed and/or maintained in compliance with the Department of Public Works and Land Affairs

ESTCOURT MEDICO LEGAL MORTUARY MAINTENANCE CONTRACT/SPECIFICATION

Standard Specification for the Electrical equipment and Installation for Mechanical Services Issue VIII September 1984.

- e) The Contractor shall take cognisance of the standards listed below while conducting maintenance.
 - i) SANS 1125: Room air-conditioners and heat pumps
 - ii) SANS 1238: Air-conditioning ductwork
 - iii) SANS 10142: Code of Practice for Wiring of Premises
 - iv) SANS 10147: Refrigeration systems including plants associated with air-conditioning systems
 - v) SANS 10173: The installation, testing and balancing of air-conditioning ductwork
 - vi) SANS 10400: The application of the National Building Regulations
 - vii) SANS 14644: Clean rooms and associated controlled environments (Part 1 and Part 2)
- f) An Electrical Certificate of Compliance, in accordance with the OHS Act as amended, will be required for all Electrical Works.
- g) The Contractor shall observe the Machinery and Occupational Safety Act - Act 6/1983 while conducting maintenance.
- h) The Contractor shall observe Municipal By-laws and any special requirements of the Supply Authorities of the area or district concerned while conducting maintenance.
- i) The Contractor shall observe Local Fire Regulations while conducting maintenance.
- j) All building works shall be in accordance with the Standard Preambles to All Trades.
- k) The contractor shall fully familiarise himself with these documents prior to quoting.

6 PARTICULAR SPECIFICATION

6.1 TECHNICAL SPECIFICATION

6.1.1 GENERAL

This Technical Specification shall be read in conjunction with all other sections of the specification.

6.1.2 GENERAL REQUIREMENTS

Tenderers are to make special note of the following:

- a) This particular specification must be read with, and shall form part of, Part 5 of this document (Technical Specification).
- b) In so far as the conditions contained herein are at variance with any obtained in the Technical Specifications, the contract shall be interpreted in terms of this Part 6 (Particular Specification).
- c) The whole maintenance activity shall be in accordance with the Occupational Health and Safety Act 85/1993 and all regulations framed therein shall be carried out to the satisfaction of the Department of Health.
- d) Competent workmen skilled in their trade shall carry out all work. Quality shall be of the best standard practice and all workmanship will be subject to the approval of the Department of Health.
- e) The work shall at all times, for the duration of the contract, be carried out under the supervision of a skilled and competent representative of the Contractor, who will be able and authorized to receive and carry out instructions on behalf of the Contractor. A sufficient number of workmen shall be employed at all times to ensure satisfactory progress of the work.
- f) All apparatus, component parts, fittings and materials employed in the execution of the Contract shall be new and unused and shall be the latest type or pattern of the particular manufacture employed. S.A.B.S. mark bearing items shall be used wherever possible.

ESTCOURT MEDICO LEGAL MORTUARY MAINTENANCE CONTRACT/SPECIFICATION

- g) Rates are to include for testing of the complete system upon completion of maintenance and handing over back to the Client in working order ready for reuse.
- h) Tenderers are advised to visit the site and acquaint themselves fully with the site conditions and nature and full extent of work involved prior to submitting their tender. Claims on the grounds of insufficient information in such respects or otherwise will not be entertained by the Administration.
- i) NOTE: All electrical equipment shall comply with NER Regulation of voltage.

7 SCOPE OF CONTRACT

The specification calls for the servicing of the following equipment at Estcourt Medico Legal Mortuary

7.1 Refrigeration Equipment List

Equipment	Quantity	Make	Capacity	Remarks
Cold Room	3	Carrier evaporators and Emerson Condensing Units	5 kW	Carrier evaporators paired with Emerson Condensing Units
Freezer room plants	2	Carrier evaporators and Emerson Condensing Units	7 kW	Carrier evaporators paired with Emerson Condensing Units
Freezer Room and Cold Room Electrical and Controls	TBC	TBC	TBC	

7.2 HVAC Equipment List

Equipment	Make	Size	Quantity	Remarks
AHU 1	TROX TECHNIK	38.5 kW, 2.333 m ³ /s	1	AHU 1 supplies conditioned air to admin offices in the facility via round diffusers with discs and heater elements inside. The AHU further contains G3 primary and secondary filters and heater elements
AHU 2	TROX TECHNIK	44.9 kW, 1.550 m ³ /s	1	AHU 2 supplies conditioned air via 4 x swirl diffusers to the Autopsy room. The AHU further contains G3 primary and secondary filters

ESTCOURT MEDICO LEGAL MORTUARY MAINTENANCE CONTRACT/SPECIFICATION

				and heater elements.
Chiller	TRANE	TBC	1	Air Cooled chiller with centrifugal extraction fans discharging hot air to the outside
Buffer Tank and Expansion Tank	TRANE	???	1	Buffer tank and expansion tank in sound proof cabinet.
Pumps	TRANE	JRL204-13/2.2	2	Twin pump and motors, boxed together with buffer tank and expansion tank in sound proof cabinet.
Centrifugal Extraction Fan	Donkin & DP1069/1	7.5 kw Motor	1	The fan extracts from the Autopsy room
Energy recovery wheel	ECOFRESH	TBC	1	
Extraction fans	TBC	TBC	4	These fans extract heated air from the plantroom to the outside. They are mounted inside the exhaust weather louvre in the plantroom
Carbon Filters	Systemair	TBC	TBC	
Primary Filters on weather louvre	TBC	TBC	TBC	This primary filters are mounted on the air inlet weather louvre to the HVAC plantroom and filter air used by chiller and freezer room and cold room condensers
Split a/c Unit	York	9000 Btu/h	1	
HVAC Electrical and Controls	TBC	TBC	TBC	

The Contractor is to service equipment and complete the sheet below in addition to the service report to be submitted after works have been completed

ESTCOURT MEDICO LEGAL MORTUARY MAINTENANCE CONTRACT/SPECIFICATION

7.3 Split Unit Checklist

Description	Yes or No or N/A	Reading	Comments
Monthly Checks			
Remove, check and clean evaporator filters and blades.			
Check that the evaporator fins are clear of dirt and clean fins if necessary.			
Check cooling operation of the unit.			
Check heating operation of the unit.			
Check fan speed operation			
Check operation of resistance heater and overheat stats.			
Inspect evaporator fan motor and blades.			
Inspect condenser fan motor and blades.			
Check operation of expansion valve.			
Check for condensate drain system and ensure it is free of blockages.			
Test condensate pump and remove any foreign particles.			
Record supply and return air temperatures (on coil / off coil)			
Check operation of thermostat (controller). Check correct operation of LCD screen or remote.			
Check time clock is correctly set on a controller and that start and stop time is correctly set			
Check and record suction and discharge pressures of refrigerants (LP/HP)			
Remove condenser fan guard and check alignment and correct if necessary to get free rotation			
Check that all bolts and screws are properly secured on fans and compressors.			
Inspect HP and LP switches and replace if necessary and check operation of the switches.			
Check all electrical devices and connections and correct if			

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necessary			
Inspect PC Board (circuit board)			
Examine condenser coil and clean fins if necessary			
Inspect refrigerant piping insulation			
Record any leakage of refrigerant or recovered refrigerant			
Clean equipment thoroughly inside and outside.			
Check the unit for noise and vibration.			
Annual Checks			
All of above checks			
Remove unit to workshop for service where applicable			
Clean Condenser coil with non-corrosive chemicals			
Clean Evaporator coil with non-corrosive chemicals			
Check refrigerant charge			
De-rust and paint where applicable			
NOTES			

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7.4 Cold Room and Freezer Room

Description	Yes or No or N/A	Reading	Comments
Monthly Checks			
Check and clean condensate drain pipe.			
Check and clean drip tray.			
Check and clean or wash filters.			
Check supply fan pulley for wear.			
Check supply fan mountings.			
Check supply fan belts for wear and tear and tension			
Check supply fan and motor bearings			
Record supply air temperature and set point.			
Record on coil and off coil temperatures			
Record delta T driers			
Record HP pressure and adjust if necessary			
Record LP pressure and adjust if necessary			
Record oil pressure and adjust if necessary			
Record oil Level and adjust if necessary			
Record compressor AMPS			
Check operation of remote local stop start			
Check operation of 7 Day Timer.			
Leak test Refrigerant circuit where necessary			
Check sight glass for moisture (dry or wet) and to confirm adequacy of refrigerant charge.			
Clean equipment outside and inside where possible			
Check units (condenser and evaporator) for noise and vibration.			

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Annual Checks			
Record HP Cut Out.			
Record LP Cut Out.			
Check Oil Safety Switch Cut Out.			
Check HP, LP, Oil Gauge Calibration.			
Record super heat			
Change oil			
Replace driers			
NOTES			

AIR HANDLING UNIT: Inspection and Testing	Yes or No or N/A	Reading	Comments
Check and note down the manometer (differential pressure between the filters) reading. Ensure that manometer is properly functioning. The filters are to be Replaced and (or) Cleaned when clogged. But ONLY after Consultation with and approval by DoH Engineer)			
Check and ensure the filters are secure accordingly by clamps			
Check for condensate carry-over and that drains are clear			
Check tension, alignment and condition of fan drive belts			
Ensure that safety guards are properly secured on a fan			
Check and record chilled water temp entering			
Check and record chilled water temp leaving			
Check and record supply air temperature heat/cool			
Check and record return air temperature heat/cool			
Check the operation of unit and controls			
Check for vibrations and noises. Record and report any abnormalities			
Check and record running current of a supply air fan			
Ensure that any damaged seals and fasteners are replaced			
Inspect condition of washable filter elements			
Clean and replace (where necessary - after Consultation with and approval by DoH Engineer) filters (Pre filters, Carbon, HEPA filter) as per manufacturers recommendations			

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Clean and examine pressure gauges, thermometers, etc. Note down any gauges and thermometers that are faulty/out of calibration. Report any abnormalities to the DoH Engineer			
Check for operation and condition of controls and electrical connections			
Inspection, cleaning and calibration of all sensors, transmitters, gauges, thermometers, actuators, solenoid valves. This includes all chiller instrumentation and control devices (capacity, oil pressure, oil level, refrigerant High/ Low pressure, freezer protection etc.) The list of all these instrumentation to be compiled by the Contractor and reported against.			
Inspect, clean and pressure test all pressure relief valves			
Clean primary washable filters and the unit			
Clean filter chamber and ensure its free of dust and other contaminants			
Change the filters (where applicable) and dispose old ones. The filters are to be Replaced ONLY after Consultation with and approval by DoH Engineer)			
Check condition (rust, damage etc.) and clean the condenser and evaporator coils. Report any abnormalities to the DoH Engineer.			
Inspect and clean the condensate trap			
Check air and water pressure drops across coils (cooling and heating)			
Thoroughly clean interior and check for corrosion of an AHU including ducting. Seal all openings/leaking areas			
Check condition of anti-vibration mountings and canvas collar			
Inspect and test the air fan bearings and motor bearings for temperature rise and vibrations.			
Inspect bearing wear and replace lubricant in the air inlet/extraction fan motor bearings			
Check, clean and test air fan motor windings(IR and PI) if accessible			
Tighten all terminals of the air inlet/extraction fan motor			
Check and record full load current of the air inlet/extraction fan motor			
Remove motor end covers and clean out air ways			
Inspect bearing wear and replace lubricant/grease in the air inlet/extraction fan motor bearings			
Tighten all other electrical connections related to the air handling unit			
Tension all V belts and ensure mountings are tight. Ensure the belt guard is tight, secure and in place.			
Check alignment of the drive pulley and ensure its proper			
Clean out fan blades and treat with anti-corrosion paint. Note any corrosion			
Lubricate damper pivot and linkages and also Perform damper stroke check			
Pressure test the damper seals			
Calibrate the pressure regulators			
Inspect and functional test of all switches			
Perform air flow test in the whole system			
Clean the whole plant and put back into operation			

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Centrifugal Fan and Motor Checklist	Yes or No or N/A	Reading	Comments
Check fan drive, shaft, bearings, couplings, pulleys, Impeller/blades, all moving parts, etc. for alignment, lubrication and wear and tear and adjust or rectify if required.			
Check fan impeller/blades, casing, mounting, etc. for deterioration and dirt deposits, clean, rust proof, treat and repair if necessary.			
Check fan and motor for abnormal noise and vibration and rectify if necessary.			
Check fan and motor for abnormal temperature and bearing condition and rectify if necessary.			
Check fan and motor mountings and bracketing for condition and rigidity			
Check motor electrical connections and wiring for loose and hot connections, damaged insulation and short-circuiting and repair if required.			
Check circuit breakers, starter, overloads and all other electrical and control components for condition and operation.			
Check for short-circuiting of air or airflow obstruction and attend if necessary.			
Replace motor shaft seals and bearings if necessary			
Rewound electrical motor if necessary			
NOTES			

NB: The Contractor shall make use of the services of the Chiller OEM to perform maintenance of the chiller.

CHILLER: Inspection and Testing	Yes or No or	Reading	Comments

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	N/A		
Check and record operating voltage			
Check and record operating current (Amps)			
Check and record the loading set point (%)			
Check and record oil level from sight glass			
Check and record oil temperatures			
Check and record condenser water flow rate			
Check and record differential oil pressure			
Check and record compressor running time (hours)			
Check and record compressor suction temperature / pressure (°C / kPa)			
Check and record compressor discharge temperature (°C)			
Check and record condenser temperature (°C)			
Check and record inlet / exit water temperature - (Air or Water) (°C)			
Check and record inlet and outlet condensing water pressure (kPa)			
Check and record inlet / outlet chilled water temperatures (°C)			
Check and record chilled water flow rate			
Check condition of air cooled condenser coil and clean if necessary			
Pressure clean air cooled condenser coil with chemicals			
Check gasket and tighten all bolts if necessary			
Inspect oil cooler condition and performance			
Check control centre and module operation			
CHILLED WATER PUMP: Inspection and Testing			
Check pump bearing grease/oil level and adjust as required			
Adjust gland packing for slight drip			
Inspect coupling and check adjustment			
Check and lubricate motor bearings			
Check for tightness and security of pump and motor hold down bolts			
Check bearing temperature			
Lubricate isolating valve stems and operate valves			
Clean pump drain and pipe work			
Check, clean and adjust valve glands and repack if required			
Replace the gland packing and check for wear on pump shaft sleeves			
Clean strainers			
Record supply and return temperatures			
Clean the entire unit			

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Check tightness of all securing/mounting bolts			
Check condition of the coupling			
Check operation of water flow switch			
Check oil level of a pump			
Check for noise and vibration			
Take oil samples for analysis and check reports			
Check and clean the condensing unit/coil with chemicals			
Clean the electrical terminals for any dirt			
Check condition of condenser fan motors and rectify			
Tighten up all electrics on Electrical Distribution Boards			
Replace any burnt wires if necessary			
Check for any vibration of compressors and fans and rectify if necessary			
Take readings on all terminals and check for the balance of phases			
Replace any faulty water flow switches			
Ensure the tightness of the motor electrical terminals			
Ensure the operation of the emergency stop on local isolator			
De-rust any rust on the equipment and paint where necessary			
Check for condition of electrical terminals by megger. Perform Insulation resistance (IR) and polarisation index (PI) tests			

The Contractor shall inform the Chief Artisan/Engineer of all defects found, especially those that need urgent attention. Submit the after service report no later than 3 days after service and inspection. No invoice will be paid without a comprehensive report.

8 MAINTENANCE REPORTS

8.1 The Contractor shall ensure that a maintenance reports are signed by the representative of Engineering and Technical Support Services or the delegated official (Asset manager) at the institution after any work is undertaken. All maintenance service reports shall include, where applicable, and not limited to:

- a) Status quo of plant
- b) Scope of work carried
- c) Time spent on site
- d) Number of personnel on site
- e) Spares and parts replaced
- f) Clear pictures
- g) Recommendations for continuous improvement

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- 8.2 The Contractor's general comments on the condition, performance, use and misuse of the equipment at commencement and completion of any work undertaking. A description of all faults observed, that shall require or give rise to repairs of a major nature and which he or she considers should be attended to and the recommended steps to be taken to deal with such faults.
- 8.3 The Contractor shall provide a quotation, in respect of equipment repairs and parts thereof and the costs of the recommended steps.
- 8.4 No work resulted from clause 8.3 above shall be undertaken unless the Contractor has received a written authorisation to do the work from the Department.
- 8.5 Engineering and Technical Support Services Staff may be present on occasions on site when the Service Provider is carrying out maintenance.
- 8.6 The Department shall have the right to instruct the Service Provider to remove from site any of the Service Provider's employees who at the sole and absolute discretion of the Department is found to be:
- Incompetent.
 - Not properly qualified and/or not suitably skilled to perform his/her respective tasks.
 - Is found to be under the influence of alcohol or drugs, or disorderly on Site.
 - Is unwilling to perform his respective tasks.

9 THE SITE

The site is at the Estcourt Medico Legal Mortuary KwaZulu-Natal.

Tenderers are encouraged to visit the site to ensure successful installation of the work required. Arrangements in this regard can be made with the representative from the department of health.

9.1 PROGRAM OF WORKS

It is imperative that the servicing be executed with minimum interruption to the facility.

The contractor shall notify the facility seven (7) days prior to carrying out any servicing work. As the facility is to remain in full operation for the duration of the works, the works are to be planned and executed so as to cause minimum disturbance.

A program WILL BE submitted prior to the commencement of any work for the approval by the Project Leader. No work will commence without the program of works having been approved by the Project Leader.

9.2 DOCUMENT RECEIVED (YES/NO)

DOCUMENT	RECEIVED (YES/NO)
Program of Works	
Health and Safety Plan	
Contractor Organogram	

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10 ELECTRICAL

10.1 While maintaining electrical works, the Contractor shall take the following into account

- a) The Code of Practice for the Wiring of Premises as issued by the South African Bureau of standards (SANS 10142-1).
- b) The KwaZulu-Natal Department of Health General Electrical Policy.
- c) The Machinery and Occupational Safety Act - Act 6/1983.
- d) The Municipal By-laws and any special requirements of the Supply Authorities of the area or district concerned.
- e) Local Fire Regulations.

10.2 Certificate of Compliance

The contractor shall submit a mandatory Certificate of Compliance should any new electrical installation be done while conducting maintenance. All electrical work carried out will be neat and best class materials must be used. All wiring shall conform to the SANS 10142.

All equipment to be supplied with nameplates showing the Technical Information as well as all the information as contemplated by the Occupational Health and Safety Act, 85 of 1993, as amended and its regulations, showing particularly the following information

- i) Name of manufacturer
- ii) Country of origin
- iii) Year of manufacture
- iv) Manufacturer's name, serial number and model number

10.3 MAINTENANCE MANUALS

OEM installation and maintenance and owner's manuals are required for all new components or equipment installed during the course of maintenance.

11 SCHEDULE OF PRICES

PREAMBLE TO THE SCHEDULE OF PRICES

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- 11.1 All prices shall be quoted in the currency of the Republic of South Africa and will be fixed. Only where exchange rates have been stated in the quotation document, as at two weeks (14 days) prior to closing date of this quotation, will such exchange rate fluctuation be taken into account in the variation of the cost of the imported items/equipment.
- 11.2 The Tenderer shall enter a price against each item in the schedule of prices. If the Tenderer fails to enter a price against any item in the schedule of prices the relevant cost of such item shall be regarded as being covered by other prices in the schedule of prices.
- 11.3 The prices quoted against each item of these schedules shall cover the full inclusive cost of everything required for the execution of the work under the item plus an apportionment of any cost involved in meeting the obligations and liabilities imposed by the conditions of contract and in complying with the specifications.
- 11.4 The prices quoted for the maintenance of plant and equipment shall include for all handling, loading, transporting and off-loading required for the delivery of the plant and equipment to the site, including in the case of off-site storage for double handling at the store.
- 11.5 The tendered rates and amounts must exclude Value Added Tax (VAT) but must include all levies, other taxes and duties on items to which they apply. Separate provision has been made in the Summary of Schedule of Prices for the purpose of VAT.
- 11.6 Amounts allowed for contingencies will be spent in part or as a whole at the sole discretion of the Department of Health's "Representative".

The Schedule of Prices shall be completed and signed in **black ink**. Corrections must be done by deleting, re-writing and initialling next to the amendment.

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5 PROVINCE OF KWAZULU-NATAL - DEPARTMENT OF HEALTH	
ESTIMATE FORM FOR : ESCOURT FORENSIC MORTUARY	
SUBMIT TO:	FOR ATTENTION:
INSTITUTION:	REF NO.:
SCOPE OF WORK: (A description of the work quoted for is required).	
I/We hereby quote for the above work in accordance with the conditions as specified in Contract ZNB5730/2013H.	
Materials, component/ancillary parts: Firm Price. When applicable a detailed list of materials etc. showing unit costs shall be provided.	
A.	Quoted for Bought Out Items (Excluding VAT)(Carried forward) R
	Mark Up @ % (Maximum Mark Up = 20% for values R0.00 to R299 999.99) R
	Mark Up @ % (Maximum Mark Up = 15% for values R300 000.00 to R500 000.00) R
	Mark Up @ % (Maximum Mark Up = 13% for values over R500 000.00) R
B.	Quoted for Proprietary Items (Excluding VAT)(Carried forward) R
C.	Quote for Sub-Contract Items (Excluding VAT)(Carried forward) R
	Mark Up @ % R
D.	Labour, Travelling, Subsistence and Transport. This price shall be firm in respect of materials etc. quoted for. (Excluding VAT) (Brought forward) R
E.	Less credit for redundant materials, parts and equipment if applicable R ()
	SUBTOTAL R
	VAT @ % R
F.	This Price in SA Currency firm for 90 days from date of the estimate quotation and shall not be exceeded. To be measured on completion. R
Time required for completion weeks from receipt of official order.	
NAME OF SERVICE PROVIDER:	
CIDB REGISTRATION NUMBER	CIDB CATEGORY.....
PROVINCIAL SUPPLIERS DATABASE REGISTRATION NUMBER:	
SERVICE PROVIDER'S AUTHORISED SIGNATURE: QUOTE REF No.....	
NAME IN BLOCK LETTERS:	
COMPANY STAMP:	DATE:

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**6.2 LABOUR, SUBSISTENCE, TRAVEL AND TRANSPORT REPLACEMENT AND
ADDITIONAL EQUIPMENT**

6.2.1	LABOUR	No. of	TOTAL HOURS	RATE/HR	AMOUNT
a)	6 ARTISANS	.....	.....	R 300.00	R.....
b)	Apprentice		..		
	1 st Year	.....	.....	R 118.00	R.....
	2 nd Year	.....	..	R 150.00	R.....
	3 rd Year	.....	.....	R 180.00	R.....
	4 th Year	.....	.....	R 265.00	R.....
c)	Semi-skilled	.....	.....	R 142.00	R.....
d)	Unskilled	.....	.....	R 75.00	R.....
6.2.2	SUBSISTENCE	No. of	TOTAL DAYS	RATE/24HR DAY	
a)	Artisans	.....	.....	R 303.00	R.....
b)	Apprentice	.....	.....	R 303.00	R.....
c)	Semi-skilled	.....	.....	R 303.00	R.....
d)	Unskilled	.....	.....	R 303.00	R.....
6.2.3	HOTEL/ACCOMMODATION	No. of Persons	of	No. of Nights	Cost per Night as per Suppliers Invoice
	.....	.....	.....	.....	R.....
NOTE: When applicable you may only claim for Accommodation OR Subsistence NOT both					
6.2.5	TRAVEL		TOTAL Km	RATE/Km	
6.2.5.1	From service provider's premises to site			Petrol	Diesel
a)	..... trips (skilled)		.....	Delete as applicable	
b)	@ km per trip		.....	R 7.78	R 7.58
	.....trips (Semi-skilled)		.....	
	@.....km per trip		.....	R 5.80	R 5.60
6.2.5.2	From accommodation to site				
a) trips (skilled)		R 7.78	R 7.58
b)	@km per trip			
trips (semi-skilled)		R 5.80	R 5.60
	@km per trip			

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6.2.6	ADDITIONAL LABOUR TRAVELLING WITH DRIVER	TOTAL HOURS	RATE/HR	AMOUNT
a)	..... x Additional Artisan/s trips (skilled) @ km per trip ÷ 80km/hr	..... ...	R 300.00	R.....
b)	..... x Additional Semi-Skilled trips (semi) @ km per trip ÷ 80km/hr	..... ...	R 142.00	R.....
c)	..... x Additional Unskilled trips (unskilled) @ km per trip ÷ 80km/hr	..... ...	R 75.00	R.....
d)	..... x Additional Apprentice/s trips (semi) @ km per trip ÷ 80km/hr	..... ...	R.....	R.....
SUBTOTAL CARRIED FORWARD TO PAGE 18				R.....