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KZN HEALTH

## KZN Health Intranet

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## AdvertQuote



## Quotation Advert

Opening Date: 2022-06-24 **27**

Closing Date: 2022-07-11

Closing Time: 11:00

## INSTITUTION DETAILS

Institution Name: King Edward VIII hospital

Province: KwaZulu-Natal

Department or Entity: Department of Health

Division or section: Central Supply Chain Management

Place where goods / services is required: ST Aidans Hospital Maintenance

Date Submitted: 2022-06-24

## ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ: KEV328/22

Item Category: Services

Item Description: Medical Gas Service: Quotation attached to the Advert Print it and bring it with you for briefing failure to do so will result to Disqualification

## Quantity (if supplies)

## COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Compulsory Briefing Session

Date: 2022-06-30

Time: 10:00

Venue: ST Aidans Hospital Outside Maintenance

QUOTES CAN BE COLLECTED FROM: Quotation to the advert

QUOTES SHOULD BE DELIVERED TO: KEH Tender Box

## ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

Name: Mr N Tseuwayo / Mr Eugene

Email:

Contact Number: 031 360 3707/031 360 3463

Finance Manager Name:

Mrs V Mlanato

Finance Manager Signature:

No late quotes will be considered







## GENERAL CONDITIONS OF CONTRACT

### 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 Department is under no obligation to accept the lowest or any quote.
- 3.2. The Department reserves the right to communicate in writing with vendors in cases where information is incomplete or where there are obscurities regarding technical aspects of the offer, to obtain confirmation of prices, in cases where it is evident that a typing, written, transfer or unit error has been made, to investigate the vendor's standing and ability to complete the supply/service satisfactorily.
- 3.3. **ALL DECISIONS TAKEN BY THE DEPARTMENT ARE FINAL, INCLUDING THE AWARD OR CANCELLATION OF THIS QUOTATION.**
- 3.4. The price quoted must include VAT (if VAT vendor).
- 3.5. Should a bidder become a VAT vendor after award or during the implementation of a contract, they may not request the VAT percentage from the Department as the service provider made an offer during the period they were not registered as a VAT vendor. The Department is only liable for any VAT from registered VAT vendors as originally stated on the quotation document.
- 3.6. The bidder must ensure the correctness & validity of the quotation:
- (i) *that the price(s), rate(s) quoted cover all for the work/item (s) & accept that any mistakes regarding the price (s) & calculations will be at the bidder's risk*
- (ii) *it is the responsibility of the bidder to confirm receipt of their quotation and to keep proof thereof.*
- 3.7. 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.
- 3.8. This quotation will be evaluated based on the, specification, correctness of information and/or functionality criteria. All required documentation must be completed in full and submitted.
- 3.9. Offers must comply strictly with the specification.
- 3.10. Only offers that meet or are greater than the specification will be considered.
- 3.11. Late offers will not be considered.
- 3.12. Expired product/s will not be accepted. All products supplied must be valid for a minimum period of six months.
- 3.13. Used/ second-hand products will not be accepted.
- 3.14. A bidder not registered on the Central Suppliers Database or whose verification has failed will not be considered.
- 3.15. All delivery costs must be included in the quoted price for delivery at the prescribed destination.
- 3.16. 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.
- 3.17. In cases where different delivery points influence the pricing, a separate pricing schedule must be submitted for each delivery point.
- 3.18. In the event of a bidder having multiple quotes, only the cheapest according to specification will be considered.
- 3.19. Verification will be conducted to identify if bidders have multiple companies and are cover-quoting for this bid.
- 3.20. In such instances, the Department reserves the right to immediately disqualify such bidders as cover-quoting is an offence that represents both corruption and acquisition fraud.

### 4. SPECIAL INSTRUCTIONS AND NOTICES TO BIDDERS REGARDING THE COMPLETION OF THIS QUOTATION.

- 4.1. Unless inconsistent with or expressly indicated otherwise by the context, the singular shall include the plural and vice versa and with words importing the masculine gender shall include the feminine and the neuter.
- 4.2. Under no circumstances whatsoever may the quotation/bid forms be retyped or redrafted. Photocopies of the original bid documentation may be used, but an original signature must appear on such photocopies.
- 4.3. The bidder is advised to check the number of pages and to satisfy himself that none are missing or duplicated.
- 4.4. Quotations submitted must be complete in all respects. However, where it is identified that information in a bidder's response, which does not affect the price, is incomplete in any respect, the said supplier meets all specification requirements and offers the lowest price, the Department reserves the right to request the bidder to complete/ submit such information.
- 4.5. Any alteration made by the bidder must be initialled; failure to do so may render the response invalid.
- 4.6. Use of correcting fluid is prohibited and may render the response invalid.
- 4.7. Quotations will be opened in public as soon as practicable after the closing time of quotation.
- 4.8. Where practical, prices are made public at the time of opening quotations.
- 4.9. If it is desired to make more than one offer against any individual item, such offers should be given on a photocopy of the page in question. Clear indication thereof must be stated on the schedules attached.
- 4.10. The Department is under no obligation to pay suppliers in part for work done if the supplier can no longer for fulfil their obligation.

**5. SPECIAL INSTRUCTIONS REGARDING HAND DELIVERED QUOTATIONS**

- 5.1. Quotation shall be lodged at the address indicated not later than the closing time specified for their receipt, and in accordance with the directives in the quotation documents.
- 5.2. Each quotation shall be addressed in accordance with the directives in the quotation documents and shall be lodged in a separate sealed envelope, with the name and address of the bidder, the quotation number and closing date indicated on the envelope. The envelope shall not contain documents relating to any quotation other than that shown on the envelope. If this provision is not complied with, such quotations/bids may be rejected as being invalid.
- 5.3. All quotations received in sealed envelopes with the relevant quotation numbers on the envelopes are kept unopened in safe custody until the closing time of the quotation/bids. Where, however, a quotation is received open, it shall be sealed. If it is received without a quotation/bid number on the envelope, it shall be opened, the quotation number ascertained, the envelope sealed and the quotation number written on the envelope.
- 5.4. A specific box is provided for the receipt of quotations, and no quotation found in any other box or elsewhere subsequent to the closing date and time of quotation will be considered.
- 5.5. No quotation/bid sent through the post will be considered if it is received after the closing date and time stipulated in the quotation documentation, and proof of posting will not be accepted as proof of delivery.
- 5.6. Quotation documents must not be included in packages containing samples. Such quotations may be rejected as being invalid.

**6. SAMPLES**

- 6.1. 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 two months of close of quote the institution reserves the right to dispose of them at their discretion.
- 6.2. **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.

**7. COMPULSORY SITE INSPECTION / BRIEFING SESSION**

7.1. 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  take place

(ii) Date  /  /  Time  :  Place

Institution Stamp:	Institution Site Inspection / briefing session Official
	Full Name: .....
	Signature: .....
	Date: .....

**8. STATEMENT OF SUPPLIES AND SERVICES**

8.1. 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.

**9. TAX COMPLIANCE REQUIREMENTS**

- 9.1. 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.**
- 9.2. 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.**

## 10. TAX INVOICE

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

## 11. PATENT RIGHTS

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.

## 12. PENALTIES

- 12.1. If at any time during the contract period, the service provider is unable to perform in a timely manner, the service provider must notify the institution in writing/email of the cause of and the duration of the delay. Upon receipt of the notification, the institution should evaluate the circumstances and, if deemed necessary, the institution may extend the service provider's time for performance.
- 12.2. In the event of delayed performance that extends beyond the delivery period, the institution is entitled to purchase commodities of a similar quantity and quality as a substitution for the outstanding commodities, without terminating the contract, as well as return commodities delivered at a later stage at the service provider's expense.
- 12.3. Alternatively, the institution may elect to terminate the contract and procure the necessary commodities in order to complete the contract. In the event that the contract is terminated the institution may claim damages from the service provider in the form of a penalty. The service provider's performance should be captured on the service provider database in order to determine whether or not the service provider should be awarded any contracts in the future.
- 12.4. 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.

## 13. TERMINATION FOR DEFAULT

- 13.1. 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.
- 13.2. 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.
- 13.3. 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.

## 14. THE DEPARTMENT RESERVES THE RIGHT TO DISQUALIFY ANY QUOTATION WHICH FAILS TO COMPLY WITH THE ABOVE.



Quote Number:

KEV328/22

Item Description: Service Medical gas plants and wall points

Department/Section: St Aiden's Plants and buildings

Purpose of Item: Servicing

**1. Pre-qualification criteria if any:**

1.1. Is the works required to have a regulatory body certification (e.g. SABS, SANS, SANAS, ISO, CIDB, etc.)? Yes :

1.1.1.1. CIDB 1ME Registered

1.1.1.2. SAQCCGAS Medical gas (oxygen, nitrous oxide, vacuum, medical air, hi pressure air, scavenging registration

**Note:** Clear copy of both sides of medical gas registration card to be attached to tender, failure in which, your tender will not be evaluated.

1.2. Is a compulsory site inspection / briefing session required? Yes

if Yes, specify: Date \_\_\_/\_\_\_/\_\_\_ Time 11H00 Place Maintenance

1.3. Is local production and content part of the quote? Yes / No

if Yes, specify: \_\_\_\_\_

1.4. Provisions of section 4(1) (a) of the PPPFA Regulations, 2017 if applicable? Yes

if Yes, specify: Procurement regulations

1.5. Liability Cover insurance? Yes

if Yes, specify: Yes: 3<sup>rd</sup> party liability cover/insurance

**2. What is the specification of the required item?**

List specifications to be advertised

**Foreword**

**Safety first requirements:**

**PPE:**

All contractor staff entering these premises shall wear hard tip safety shoes and respiratory mask on face. Failure to conform to this instruction will result your company not attending the site meeting.

**Site meeting documentation requirements**

All contractors shall have full copy of advertised document on hand on the day of site meeting. Failure will result you not being able to participate in the site meeting and be disqualified from this tender.

**When quoting:**

**Note:** Only items specified in the service schedules and tender document that require replacement must be quoted for. Should any other item be quoted for and not being mentioned in the service schedules or tender document, to replace, tender will be disqualified.

**Winning bidder**

Compile and submit (non-returnable documents) safety file (related to the works below) to the safety officer on receipt of official order number of works with in TWO working days from official order date.

Standard conditions of contract form treasury, will apply to this contract.

**Note:** Winning bidder site hand over will only be conducted once e-mail confirmation has been received from safety officer, and will be done by Deputy Director Systems/ Acting Maintenance Manager.

**Documents required for Site hand over is the following:**

I. Advert page copy – Provided by contractor





	<p>II. Award page copy – Provided by contractor</p> <p>III. Complete copy of original tender submitted – Provided by contractor (Copy to be made prior submitting tender)</p> <p>IV. Official Order – Provided by contractor</p> <p>V. Work plan – Provided by contractor as per example attaché to tender documents.</p> <p>Site hand over certificate – Provided by Deputy Director Systems/ Acting Maintenance Manager.</p>
2.1	<p><b>Works required: Attend service schedules attached to tender in the following areas:</b> Medical Air compressor x2, Vacuum system x 2, Medical gas banks x 2. All works mentioned to be done once off</p> <p>Theatre scavenging air system to be inspected fully and defects reported on after service reports.</p>
2.1.1	<p>Codes: MG3-002 x2 (Medical air compressor), MG2-002 x2 (Vacuum pumps) MG1-002 x2 (Medical gas plant [Nitrous oxide and Medical Oxygen]) including removal of all medical gas filters and air filters for inspection and refitting after inspection.</p> <p>Note: Full assessment is to be done on the functionality of the medical gas alarm system comprising of VIE bulk tank line pressure fail alarm, Nitrous oxide bank and line pressure fail alarm and Medical oxygen bank fail and line pressure failure alarm.</p> <p>Full bill of quantities to be handed in with after service repair should it not be working to the nearest 24HR manned station (Matrons office)</p> <p>And 2 x MG4-002 refrigerated air dryers</p> <p>Note: Original service schedules (Printed by contractor) will remain on site at all times. Carbon paper must be used should the contractor require a copy for his own records.</p>
2.2	<p><b>Works required: All medical gas wall points is to be tested on the following amount of medical gas points quantities and shall be listed on the all reports in 1 – 100 (For example) format:</b></p> <p><b>Note: Medical gas point tests to be recorded as follows: Type medical gas point, year number of point, Pressure, max flow rate (Litres/minute) and remarks on repairs needed.</b></p> <p><b>Photos to be attached of any un marked wall points indicating also the floor level and department.</b></p>
2.2.1	<p>Med air – 49, Nitrous oxide – 10, Medical oxygen – 150, Vacuum points - 99</p>
2.16	<p><b>Waste management requirements:</b></p>
2.16.1	<p>Attach disposable certificate of any old oil, ghries or refrigerant that was removed and certificate to also show quantity.</p>
2.17	<p><b>After service report requirements:</b></p> <p>Note: After service report must be handed in within 5 working days from the completion of the service.</p> <p>Provide an after service report (in word format and email to St Aiden's project leader) on completion of the service as below requirements and attach copy to invoice with all supporting documents.</p> <p>Following items required:</p>
2.17.1	<p>Date</p>
2.17.2	<p>Description of works</p>
2.17.3	<p>Full detailed model/part numbers and description of items to be repaired /unit or machine or equipment.</p>
2.17.4	<p>Colour Photographic records/evidence of items to be repaired</p>
2.17.5	<p>Additional works carried out (if any)</p>
2.17.6	<p>Recommendations for future repair requirements</p>
2.17.7	<p>Observation notes on the condition of the system/s serviced</p>
2.17.8	<p>A sketch or schematic of the system repairs, indicating items needing further attention/repairs and their locations indicated on the sketch or schematic or floor plan sketch and marked with crosses where faults is.</p>

**3. The following documents need to be drafted and submitted by the winning bidder:**

- 3.1. Safety files and submitted to safety officer.
- 3.2. **Gas point check list**, indication each (Oxygen, Vacuum, Nitrous oxide, Hi pressure air and medical air and scavenging vacuum pressure) wall gas point the following: a) Department identification b) Wall gas point Year number c) Wall gas point number, d) type of medical gas of wall gas point, e) measured positive or negative gas flow rate reading, f) Measured medical gas point positive or negative pressure reading, g) Repairs needed, shall be completed. Deadline for the medical gas point verification submission list: Last day of service. Estimated amount of point is +- 1900.



- 3.3. Service schedule/s will be issued by SCM department and will be one copy of each applicable service type. Contractor must copy the correct amount of service schedules needed to complete the service
- 3.4. Execution plan of start day and completion day and each consecutive day of work to be done before works can commence.

**4. Penalties to be noted by the suppliers:**

- 4.1. 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.

**5. What is the evaluation criteria / special terms and conditions to be advertised?**

EVALUATION CRITERIA FOR EVALUATING BIDDERS RESPONSES			
	Selection Element	Weight Go/No Go	Evaluation
5.1	Evaluate if 3 page quote document has been completed correctly		Evaluate the 3 page quote document if completed correctly (Critical aspect, List of correct materials and sizes)
5.2	Evaluate personnel's years of experience on cv	20%	Minimum Specification: The bidder must provide documentation to demonstrate the relevant track record and experience in medical gas servicing as specified in this end user specification. 5% points- Less than 2 years' Experience 10% points- Between Two and Five Years' Experience on the above mentioned. 15% points- Between Six and Nine Years' Experience on the above mentioned. 20% points- Ten Years and above Experience on the above mentioned.
5.3	Evaluation Support Capacity	20%	The bidder must demonstrate if they have the necessary capacity to provide the required service, this may include but not limited to the following resources: 20% points-List of equipment and assets owned by bidder to be utilised for this contract.
5.4	Service Report	20%	The bidder must provide a Service report, which they have supplied to a recent project/ client after completion of the service. The points will be allocated as follows: 1% point-Date 2% points-The system(s) cleaned 2% points-Pre-test inspection (as per System Testing) 2% points-Post-test inspection 2% points-Photographic records 2% points-Additional works carried out (if any) 3% points-Material Safety Datasheets (MSDS) for any chemicals used in the works 2% points-Recommendations for future testing requirements 2% points-Observations on the condition of the system 2% points-A sketch or schematic of the system indicating areas needing repairs
5.5	References letters	40%	Minimum requirements: 3 letters of references 10% Mostly Needs improvement 20% Mostly Meets requirements 30% Mostly Exceeds requirements +10: Would use again
	Point attained	/100	

Specification compiled by:		Specification approved by:	
Name	E. Allerston	Name	
Designation / Rank (in full)	Mechanical Supervisor	Designation/ Rank (in full)	
Signature		Signature	
Date	09/06/2022.	Date	

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

**ESTIMATE FORM FOR : THE MAINTENANCE, REPAIR OR REPLACEMENT OF FIXED PLANT, EQUIPMENT AND INSTALLATIONS INSTALLED IN KWAZULU-NATAL PROVINCIAL HOSPITAL AND BUILDINGS**

SUBMIT TO:	FOR ATTENTION:
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INSTITUTION:	ZNQ NO.:
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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 Tender document.

Materials, component/ancillary parts: Firm Price. 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 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.....	

Note: Subcontracting is limited to specialized testing, programming of software based applications, inspections, adjustment/s, monitoring, and drawing of manufacturing plans, verifying of materials to be used in pressure vessels and associated equipment.

Actual work shall be carried out by primary contractor

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: ..... ZNQ...../20....

CIDB UNIQUE NUMBER ..... CIDB CATEGORY.....

PROVINCIAL SUPPLIERS DATABASE REGISTRATION NUMBER: .....

SERVICE PROVIDER'S AUTHORISED SIGNATURE: ..... ZNQ No.....

NAME IN BLOCK LETTERS: .....

COMPANY STAMP: ..... DATE



D.1 SCHEDULE OF PRICES  
LABOUR, SUBSISTENCE, TRAVEL AND TRANSPORT REPLACEMENT AND  
ADDITIONAL EQUIPMENT

D.1.1	LABOUR	No. of	TOTAL HOURS	RATE/HR	AMOUNT
a)	Artisans	.....	.....	R 300.00	R.....
b)	Apprentice	.....	.....	R 118.00	R.....
	1 <sup>st</sup> Year	.....	.....	R 150.00	R.....
	2 <sup>nd</sup> Year	.....	.....	R 180.00	R.....
	3 <sup>rd</sup> Year	.....	.....	R 265.00	R.....
	4 <sup>th</sup> Year	.....	.....	R 142.00	R.....
c)	Semi-skilled	.....	.....	R 75.00	R.....
d)	Unskilled	.....	.....	R 75.00	R.....
D.1.2	TRAVEL		TOTAL Km	RATE/Km	
D.1.2.1	From service provider's premises to site			Petrol	Diesel
a)	..... trips(Driver) (skilled)		.....	R 7.78	R 7.58
	@ ..... km per trip		.....	Delete as applicable	
b)	.....trips (Semi-skilled)(Driver)		.....	R 5.80	R 5.60
	@.....km per trip		.....		
D.1.3	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 4					R.....

SUBTOTAL BROUGHT FORWARD FROM PAGE 3				R.....
D.1.4	TRANSPORT		TOTAL Km	RATE
a)	Haulage to site ..... trips			
	@ .....km per trip		2.5 tone	R 9.31
	@ .....km per trip		3 tone	R10.80
	@ .....km per trip		5 tone	R12.50
	@ .....km per trip		7 tone	R14.50
	@ .....km per trip		10 tone	R16.80
b)	Crantage to and on site @ sub contract rate		R.....	x 1.10
				R.....

TOTAL AMOUNT CARRIED FORWARD TO PAGE 1 ITEM (D)     R.....

PROVINCE OF KWAZULU-NATAL  
DEPARTMENT OF PUBLIC WORKS  
PREVENTIVE MAINTENANCE SCHEDULE

TYPE OF SERVICE : MEDICAL GAS  
SCHEDULE FOR : VACUUM PUMP INSTALLATIONS  
SCHEDULE FREQUENCY :

REF : MG  
CODE : MG2-002

INSTALLATION NAME : \_\_\_\_\_ REF : \_\_\_\_\_  
SERVICE PROVIDER : \_\_\_\_\_ ORDER No.: \_\_\_\_\_

ITEM	INSTRUCTION: CHECK, ADJUST, CLEAN AS REQUIRED	IN ORDER	RUNNING REPAIRS (Apply for V.O. as Applicable)				OTHER REPAIRS REQUIRED					
			OTHER NON-SPECIFIED RUNNING REPAIRS DONE	TIME TAKEN	DESCRIPTION OF SPARES USED	QUANTITY EX SITE STOCK	QUANTITY EX FIRMS STOCK	DESCRIPTION OF OTHER REPAIRS REQUIRED	EST. TIME REQ.	DESCRIPTION OF SPARES REQUIRED	QTY REQ	
1.	Check plantroom louvers and screens and clean											
2.	Check vacuum pump oil. Replace or top up as per manufacturer's recommendation											
3.	Check and clean filter											
4.	Check all mountings											
5.	Check vacuum pump pulley											
6.	Check motor pulley, bearings and alignment											
7.	Check belt drive and adjust											
8.	Check safety guard is in position and secure											
9.	Check all bolts, nuts, screws, etc. for tightness											
10.	Check motor starter and auxiliaries											
11.	Check and note motor amperage											
12.	Check pilot lights											
13.	Check all outlet points											
14.	Check all pipes, joints and seals for leaks											

P.M. SERVICE		RUNNING REPAIRS (Apply for V.O. as Applicable)					OTHER REPAIRS REQUIRED SUBMIT QUOTATION				
ITEM	INSTRUCTION: CHECK, ADJUST, CLEAN AS REQUIRED	IN ORDER	OTHER NON-SPECIFIED RUNNING REPAIRS DONE	TIME TAKEN	DESCRIPTION OF SPARES USED	QUANTITY		DESCRIPTION OF OTHER REPAIRS REQUIRED	EST. TIME REQ.	DESCRIPTION OF SPARES REQUIRED	QTY REQ.
						EX SITE STOCK	EX FIRMS STOCK				
15.	Check operation and cycling of plant and adjust if necessary (approx. 600mm Hg). Noble cut-in and cut-out pressures										
16.	Clean plant and plantroom										
17.	Change over leading units										
18.	Check and clean vacuum moisture traps										
19.	Check operation of warning light system										
20.	Clean rust spots and patch with paint										
21.	Tighten all electrical terminals										
22.	Clean out air ways of motors										
23.	Lubricate motor bearings, if required										
24.	Check setting of warning light pressure switches, adjust if necessary										
25.	Clean, remove loose paint and scale and re-paint										
26.	Check calibration of all pressure gauges, etc. Re-calibrate as required										
27.	Complete plant log book										
28.	Check receiver internally and externally for corrosion pit marks 36 months per test program										



I CERTIFY THAT THE SPECIFIED SERVICE WAS CARRIED OUT										OFFICIAL STAMP:	
NAME OF SERVICEMAN (BLOCK LETTERS):						SIGNATURE:					
NAME/S OF ASSISTANT/S: SEMI SKILLED:											
NAME/S OF ASSISTANT/S: UNSKILLED:											
COMPANY NAME (BLOCK LETTERS):											
TIME IN:		TIME OUT:		TIME ON SITE:		DATE:					
FROM:		TO:		KM:		TO:		KM:		TOTAL KM:	
						NAME OF RESPONSIBLE OFFICIAL ON SITE:		SIGNATURE:			

PROVINCE OF KWAZULU-NATAL  
DEPARTMENT OF PUBLIC WORKS  
PREVENTIVE MAINTENANCE SCHEDULE

TYPE OF SERVICE : MEDICAL GAS  
SCHEDULE FOR : GENERAL  
SCHEDULE FREQUENCY :

REF : MG  
CODE : MG1-002

REF :

INSTALLATION NAME :

ORDER No.:

SERVICE PROVIDER :

ITEM	P.M. SERVICE	IN ORDER	RUNNING REPAIRS (Apply for V.O. as Applicable)		TIME TAKEN	DESCRIPTION OF SPARES USED	QUANTITY		DESCRIPTION OF OTHER REPAIRS REQUIRED	EST. TIME REQ.	DESCRIPTION OF SPARES REQUIRED	QTY REQ.
			OTHER NON-SPECIFIED RUNNING REPAIRS DONE				EX SITE STOCK	EX FIRMS STOCK				
1	Check and note system pressures											
2	Clean banks thoroughly before servicing											
3	Check operation of change-over system											
4	Check all warning panel pilot lights											
5	Check all pipelits and fittings											
6	Check for leaks in gas bank											
7	Check all wall outlet points for leaks. Replace seals as required											
8	Clean plantroom											
9	Check operation of pressure reducing valves											
10	Check operation of safety valves											
11	Check operation of automatic solenoid											
12	Strip and clean all needle valves											
13	Check settings of pressure reducing valves. Adjust if necessary and note settings											
14	Check settings of safety valves. adjust settings if necessary and note settings											

P.M. SERVICE		RUNNING REPAIRS (Apply for V.O. as Applicable)					OTHER REPAIRS REQUIRED SUBMIT QUOTATION				
ITEM	INSTRUCTION, CHECK ADJUST, CLEAN AS REQUIRED	IN ORDER	OTHER NON-SPECIFIED RUNNING REPAIRS DONE	TIME TAKEN	DESCRIPTION OF SPARES USED	QUANTITY		DESCRIPTION OF OTHER REPAIRS REQUIRED	EST. TIME REQ.	DESCRIPTION OF SPARES REQUIRED	QTY REQ
						EX SITE STOCK	EX FIRMS STOCK				
15.	Check settings of warning light pressure switches. Adjust if necessary and note settings.										
16.	Check change-over control pressure settings. Adjust if necessary and note settings.										
17.	Check calibration of all pressure gauges, etc. Re-calibrate if necessary.										
18.	Tighten all electrical terminals.										
19.	Complete plant log book.										

**NOTE THE FOLLOWING:**

- a) Manifold pressures (i) LH Bank .....  
(ii) RH Bank .....
- b) Distribution System pressure .....
- c) Pressure reducing valve setting (annually) .....
- d) Safety valve settings (annually) .....
- e) Warning light pressure settings (annually) .....
- f) Change-over control pressure settings (annually) .....

I CERTIFY THAT THE SPECIFIED SERVICE WAS CARRIED OUT										OFFICIAL STAMP:	
NAME OF SERVICEMAN (BLOCK LETTERS):								SIGNATURE:			
NAME/S OF ASSISTANT/S: SEMI SKILLED:											
NAME/S OF ASSISTANT/S: UNSKILLED:											
COMPANY NAME (BLOCK LETTERS):											
TIME IN:		TIME OUT:		TIME ON SITE:		DATE:		NAME OF RESPONSIBLE OFFICIAL ON SITE:		SIGNATURE:	
FROM:		TO:		KM:		TO:					
								KM:		TOTAL KM:	

PROVINCE OF KWAZULU-NATAL  
DEPARTMENT OF PUBLIC WORKS  
PREVENTIVE MAINTENANCE SCHEDULE

TYPE OF SERVICE : MEDICAL GAS  
 SCHEDULE FOR : AIR COMPRESSOR INSTALLATION  
 SCHEDULE FREQUENCY :  
 INSTALLATION NAME :

REF : MG  
 CODE : MG3-002  
 REF :

SERVICE PROVIDER :

ORDER No.:

ITEM	INSTRUCTION- CHECK, ADJUST, CLEAN AS REQUIRED	N <sup>o</sup> ORDER	OTHER NON-SPECIFIED RUNNING REPAIRS DONE	TIME TAKEN	DESCRIPTION OF SPARES USED	QUANTITY		DESCRIPTION OF OTHER REPAIRS REQUIRED	EST. TIME REQ.	DESCRIPTION OF SPARES REQUIRED	QTY REQ.
						EX SITE STOCK	EX FIRMS STOCK				
1.	Check plantroom louvres and screens and clean										
2.	Check for undue noise or vibration										
3.	Check belt tension and correct if necessary										
4.	Check condition of belts										
5.	Check pulley alignment and correct if necessary										
6.	Check for noisy compressor - motor bearings										
7.	Check for loose components										
8.	Check by touch that motors do not run hot										
9.	Check and note motor amperages										
10.	Check pilot lights										
11.	Check condition of air inlet filter										
12.	Check for compressed air leaks (including outlet points)										
13.	Check operation of, and drain all condensate traps and receivers										
14.	Check and record compressor cut-in and cut-out pressures. Adjust if required										

P.M. SERVICE		RUNNING REPAIRS (Apply for V.O. as Applicable)				OTHER REPAIRS REQUIRED SUBMIT QUOTATION					
ITEM	INSTRUCTION: CHECK, ADJUST, CLEAN AS REQUIRED	IN ORDER	OTHER NON-SPECIFIED RUNNING REPAIRS DONE	TIME TAKEN	DESCRIPTION OF SPARES USED	QUANTITY		DESCRIPTION OF OTHER REPAIRS REQUIRED	EST. TIME REQ.	DESCRIPTION OF SPARES REQUIRED	QTY REQ.
						EX SITE STOCK	EX FIRMS STOCK				
15.	Change over lead - lag units										
16.	Clean plant, plantroom and drain receiver										
17.	Check operation and settings of pressure reducing valves. Adjust if necessary and note settings										
18.	Check operation and settings of safety valves. Adjust if necessary and note settings										
19.	Check operation of warning light system										
20.	Check compressor oil levels. Top up or change as required according to manufacturer's instructions										
21.	Check and tighten all mounting bolts etc.										
22.	Clean out air ways of motor										
23.	Lubricate motor bearings if required										
24.	Tighten all electrical terminals										
25.	Check and tighten compressor and motor pulley grub screws										
26.	Clean, remove loose paint and scale and re-paint										
27.	Check calibration of all pressure gauges, etc. Re-calibrate as required										
28.	Complete plant logbook										
29.	Do pressure test in accordance with M. O. S. Act (36 monthly), stamp test plate and complete test certificate										
30.	Check receiver internally and externally for corrosion and pit marks (annually)										

**NOTE THE FOLLOWING:**

- a) Motor amperages .....
- b) Compressor cut-in and cut-out pressures .....
- c) Warning light pressure switch settings .....
- d) Safety valve setting/s .....
- e) Pressure reducing valve settings .....
- f) Test pressure (M.O.S. Act) (36 monthly) .....

<b>I CERTIFY THAT THE SPECIFIED SERVICE WAS CARRIED OUT</b>										<b>OFFICIAL STAMP:</b>	
<b>NAME OF SERVICEMAN (BLOCK LETTERS):</b>						<b>SIGNATURE:</b>				<b>NAME OF RESPONSIBLE OFFICIAL ON SITE:</b>  <b>SIGNATURE:</b>	
<b>NAME/S OF ASSISTANT/S: SEMI SKILLED:</b>											
<b>NAME/S OF ASSISTANT/S: UNSKILLED:</b>											
<b>COMPANY NAME (BLOCK LETTERS):</b>											
<b>TIME IN:</b>		<b>TIME OUT:</b>		<b>TIME ON SITE:</b>		<b>DATE:</b>					
<b>FROM:</b>		<b>TO:</b>		<b>KM:</b>		<b>TO:</b>		<b>KM:</b>		<b>TOTAL KM:</b>	

PROVINCE OF KWAZULU-NATAL  
DEPARTMENT OF PUBLIC WORKS  
PREVENTIVE MAINTENANCE SCHEDULE

TYPE OF SERVICE : MEDICAL GAS  
SCHEDULE FOR : REFRIGERATED AIR DRIER  
SCHEDULE FREQUENCY :

REF : MG  
CODE : MG4-002

INSTALLATION NAME :

REF :

SERVICE PROVIDER :

ORDER No.:

ITEM	INSTRUCTION: CHECK, ADJUST, CLEAN AS REQUIRED	IN ORDER	RUNNING REPAIRS (Apply for V.O. as Applicable) OTHER NON-SPECIFIED RUNNING REPAIRS DONE	TIME TAKEN	DESCRIPTION OF SPARES USED	QUANTITY		DESCRIPTION OF OTHER REPAIRS REQUIRED	EST. TIME REQ.	DESCRIPTION OF SPARES REQUIRED	QTY REQ
						EX SITE STOCK	EX FIRMS STOCK				
1.	Check for undue noise or vibration										
2.	Check that unit does operate										
3.	Check for compressed air leaks										
4.	Check for oil - refrigerant leaks										
5.	Check condition of oil filters and clean										
6.	Clean condenser coil										
7.	Check condenser fan motor for noisy bearings, excessive end play etc.										
8.	Check operation of automatic moisture trap										
9.	Tighten all electrical terminals										
10.	Clean, remove loose paint and scale. Repaint										
11.	Complete plant log book										



I CERTIFY THAT THE SPECIFIED SERVICE WAS CARRIED OUT										OFFICIAL STAMP:	
NAME OF SERVICEMAN (BLOCK LETTERS):							SIGNATURE:				
NAME/S OF ASSISTANT/S: SEMI SKILLED:											
NAME/S OF ASSISTANT/S: UNSKILLED:											
COMPANY NAME (BLOCK LETTERS):										NAME OF RESPONSIBLE OFFICIAL ON SITE:	
TIME IN:		TIME OUT:		TIME ON SITE:		DATE:					
FROM:		TO:		KM:		TO:		KM:	TOTAL KM:		
										SIGNATURE:	

**MAINTENANCE, REPAIR, UPGRADING AND REPLACEMENT WORKS FOR KWAZULU-NATAL  
PROVINCIAL ADMINISTRATION HOSPITALS BUILDINGS FOR THE DEPARTMENT OF HEALTH**
**JOB SHEET/DELIVERY NOTE**
**NAME OF SERVICE PROVIDER:**
**JOB No.:**
**INSTITUTION:**

ZNQ/KM \_\_\_\_\_ /

**REF No.:**
**FROM:**
**START:**
**ORDER No.:**
**TO:**

Km

**ARRIVE:**
**DATE:**
**FROM:**
**DEPART:**
**PLANT:**
**TO:**

Km

**END:**
**VEHICLE: STATE PETROL OR DIESEL:**
**TOTAL**

Km

**TOTAL SITE TIME:**
**DETAILS OF WORK DONE:**
**OTHER DEFECTS NOTED FOR ATTENTION:**
**SPARES USED (Add pages if required)**
**QTY**
**SPARES USED (Add pages if required)**
**QTY**
**TOTALS**
**LABOUR**
**No. DAYS  
SUBSISTENCE**
**NAME/S OF ARTISAN**
**SKILLED: NORMAL TIME**
**HRS**
**SIGNATURE:**
**O/TIME**

1.5 x ..... HRS

2 x ..... HRS

**NAME/S OF ASSISTANTS:**
**SEMI SKILLED: NORMAL TIME**
**HRS**
**NAME/S:**
**APPRENTICE: NORMAL TIME**
**HRS**
**NAME/S:**
**UNSKILLED: NORMAL TIME**
**HRS**
**NAME/S:**
**THE SPECIFIED SERVICE HAS BEEN CARRIED  
OUT TO MY SATISFACTION: (OFFICIAL ON SITE)**
**OFFICIAL STAMP:**
**NAME: \_\_\_\_\_ SIGN:**

**ANNEXTURE D**

WORKPLAN "A"/EXECUTION PLAN "B": AS PER SPECIFICATION ON KEY ...../21 OFFICIAL ORDER NO: .....

CARRY OUT (TYPE OF WORKS).....

NOTE: WORK PLAN IS SUBJECTED TO WEATHER CONDITIONS

	Day "A"	Date "B"	Completed	Institutional project leader signature	Comments
Date official order was received.	Planned	Actual	Yes/Partially/No		
Meet and handing in of safety file at safety officer	Day 1				
Safety file approval	Day 2				
File opening and pre-briefing meeting (Prior starting the works)	Day 3				
Meeting minutes signed by company director	Day 4				
<b>Department/PLANT .....</b>					
<b>Equipment No/Room No.....</b>					
Description of work to be done (for each day)	Day 5				
	Day 6				
	Day 7				
<b>Department/PLANT .....</b>					
<b>Equipment No/Room No.....</b>					
	Day 8				
	Day 9				
	Day 10				
	Day 11				
<b>Department/PLANT .....</b>					
<b>Equipment No/Room No.....</b>					
	Day 12				
	Day 13				
	Day 14				
	Day 15				
	Day 16				

Department/PLANT ..... Equipment No/Room No.....	Day 17				
	Day 18				
	Day 19				
	Day 20				
	Day 21				
Department/PLANT ..... Equipment No/Room No.....	Day 22				
	Day 23				
	Day 24				
	Day 25				
	Day 26				
Department/PLANT ..... Equipment No/Room No.....	Day 27				
	Day 28				
	Day 29				
	Day 30				
	Day 31				

Company CEO/Director (BLOCK LETTERS).....  
 Company CEO/Director Signature.....

Company project leader (Block Letters).....  
 Company project leader Signature.....

Company dated stamp