





## Quotation Advert

Opening Date: 2020-03-09   
Closing Date: 2020-03-23   
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: KING EDWARD VIII HOSPITAL MAINTENANCE  
Date Submitted: 2020-03-05 

### ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ: KM 560\19  
Item Category: Services


Item Description:

SERVICE TO MAIN SUBSTATION

\*QUOTATION IS ATTACHED ON ADVERT PLEASE PRINT THE DOCUMENT AND BRING IT WITH YOU FOR BRIEFING SESSION, IF YOU DO NOT BRING IT YOU WILL NOT BE ALLOWED TO ATTEND BRIEFING SESSION. SITE INSPECTION CERTIFICATE WILL BE HANDED OUT AFTER BRIEFING SESSION.

Quantity (if supplies) 01

### COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Compulsory Briefing Session   
Date: 2020-03-16   
Time: 11H00  
Venue: KING EDWARD VIII HOSPITAL OUTSIDE MAINTENANCE

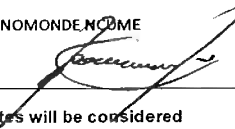
QUOTES CAN BE COLLECTED FROM: ATTACHED OF ADVERT

QUOTES SHOULD BE DELIVERED TO: KING EDWARD VIII HOSPITAL TENDOR BOX

### ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

Name: KHULANI MTHEMBU  
Email: KHULANI.MTHEMBU@KZNHEALTH.GOV.ZA  
Contact Number: 031 360 3446  
Finance Manager Name: MISS NOMONDE MCDOME

Finance Manager Signature:

  
\_\_\_\_\_  
No late quotes will be considered





**DECLARATION OF INTEREST**

1. Any legal person, including persons employed by the state<sup>1</sup>, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to quote (includes a price quotation, advertised competitive quote, limited quote or proposal). In view of possible allegations of favouritism, should the resulting quote, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-
  - the bidder is employed by the state; and/or
  - the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the quote(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the quote.

2. In order to give effect to the above, the following questionnaire must be completed and submitted with the quote.

- 2.1. Full Name of bidder/representative..... 2.4. Company Registration Number: .....
- 2.2. Identity Number: ..... 2.5. Tax Reference Number: .....
- 2.3. Position occupied in the Company (director, trustee, shareholder?):2.6. VAT Registration Number: .....

2.7. The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below. [TICK APPLICABLE]

2.8. Are you or any person connected with the bidder presently employed by the state?  YES  NO

2.8.1. If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member: .....

Name of state institution at which you or the person connected to the bidder is employed:.....

Position occupied in the state institution: .....Any other particulars:.....

2.8.2. If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?  YES  NO

2.8.2.1. If yes, did you attach proof of such authority to the quote document?

*(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the quote.)*

2.8.2.2. If no, furnish reasons for non-submission of such proof: .....

2.9. Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?  YES  NO

2.9.1. If so, furnish particulars:.....

2.10. Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this quote?  YES  NO

2.10.1. If so, furnish particulars:.....

2.11. Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this quote?  YES  NO

2.11.1. If so, furnish particulars:.....

2.12. Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract?  YES  NO

2.12.1. If so, furnish particulars:.....

**3. Full details of directors / trustees / members / shareholders.**

NB: The Department Of Health will validate **details of directors / trustees / members / shareholders** on CSD. It is the suppliers' responsibility to ensure that their details are up-to-date and verified on CSD. If the Department cannot validate the **information** on CSD, the quote will not be considered and passed over as non-compliant according to National Treasury Instruction Note 4 (a) 2016/17.

**4 DECLARATION**

I, THE UNDERSIGNED (NAME).....CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2.

I ACCEPT THAT THE STATE MAY REJECT THE QUOTE OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....	.....	.....	.....
Name of bidder	Signature	Position	Date

<sup>1</sup>"State" means –

- |   |   |
|---|---|
| a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999); | c) provincial legislature;                                    |
| b) any municipality or municipal entity;  | d) national Assembly or the national Council of provinces; or |
|   | e) Parliament.  |

<sup>2</sup>"Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

## 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. 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. Quotation submitted must be complete in all respects.
- 4.5. Any alteration made by the bidder must be initialled.
- 4.6. Use of correcting fluid is prohibited
- 4.7. Quotation 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.

### 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.



### **13. PENALTIES**

- 13.1. 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.
- 13.2. 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.
- 13.3. 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.
- 13.4. 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.

### **14. TERMINATION FOR DEFAULT**

- 14.1. 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.
- 14.2. 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.
- 14.3. 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.

### **15. 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
<b>PRICE</b>	80
<b>B-BBEE STATUS LEVEL OF CONTRIBUTOR</b>	20
<b>Total points for Price and B-BBEE must not exceed</b>	<b>100</b>

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<sub>s</sub> = Points scored for price of bid under consideration
- P<sub>t</sub> = Price of bid under consideration
- P<sub>min</sub> = 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	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

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	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

Designated Group: An EME or QSE which is at last 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..... ..... .....

**PROVINCE OF KWAZULU-NATAL -**

**ESTIMATE FORM FOR: THE SERVICING, REPAIR AND MAINTENANCE OF FIXED MECHANICAL PLANT, EQUIPMENT AND INSTALLATIONS INSTALLED IN KWAZULU-NATAL PROVINCIAL ADMINISTRATION BUILDINGS AND INSTITUTIONS FOR THE DEPARTMENT OF HEALTH**

SUBMIT TO:DEPARTMENT OF HEALTH	FOR ATTENTION:KHULANI MTHEMBU
INSTITUTION:KING EDWARD VIII HOSPITAL	REF NO.:KM 560\19 KZN
CONTACT DATAILS:031 360 3446	CLOSING DATE :2020\03\23
CONTACT PERSON:KHULANI MTHEMBU	TIME: 11H00

SCOPE OF WORK: SERVICE TO MAIN SUBSTATION

SITE MEETING: 2020\03\16

I/We hereby quote for the above service in accordance with the conditions/specification as specified in specification

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	<b>(Excluding VAT)(Carried forward)</b>	<b>R</b>
B.	Quoted for Proprietary Items	<b>(Excluding VAT)(Carried forward)</b>	<b>R</b>
C.	Quote for Sub-Contract Items	<b>(Excluding VAT)(Carried forward)</b>	<b>R</b>
	Mark Up @ ..... %		<b>R</b>
D.	Labour, Travelling, Subsistence and Transport. This price shall be firm in respect of materials etc. quoted for.	<b>(Excluding VAT) (Carried forward)</b>	<b>R</b>
E.	Less credit for redundant materials, parts and equipment if applicable		<b>R (            )</b>
		SUBTOTAL	<b>R</b>
		VAT @ ..... %	<b>R</b>
F.	<b>This Price in SA Currency firm for 90 days from date of the estimate quotation and shall not be exceeded.</b>		<b>R</b>

**Time required for completion ..... weeks from receipt of official order.**

NAME OF CONTRACTOR: .....

CIDB REGISTRATION NUMBER .....

CIDB CATEGORY:

PROVINCIAL SUPPLIERS DATABASE REGISTRATION NUMBER:

CONTRACTOR'S AUTHORISED SIGNATURE: ..... QUOTE REF:  
No.....

NAME IN BLOCK LETTERS:

COMPANY STAMP:

DATE:



6.3 **SCHEDULE OF PRICES LABOUR, SUBSISTENCE, TRAVEL AND TRANSPORT REPLACEMENT AND ADDITIONAL EQUIPMENT**

6.3.1	LABOUR	TOTAL HOURS	RATE/HR		AMOUNT
a)	Artisans (normal time) Artisans (normal time x1.5) Artisans (normal time x 2)	..... ..... .....	R..... R..... R.....		..... ..... .....
b)	Apprentice 1 <sup>st</sup> Year 2 <sup>nd</sup> Year 3 <sup>rd</sup> Year 4 <sup>th</sup> Year	..... ..... ..... .....	R..... R..... R..... R.....		..... ..... ..... .....
c)	Semi-skilled	.....	R.....		.....
d)	Unskilled	.....	R.....		.....
6.3.3	TRAVEL	TOTAL Km	RATE/Km		
6.3.3.1	From contractor's premises to site		Petrol	Diesel	
			Delete as applicable		
a)	..... trips (skilled)(normal) @ ..... km per trip ..... trips (skilled)(normal x1.5) @ ..... km per trip ..... trips (skilled)(normal x2) @ ..... km per trip	..... ..... ..... .....	R..... R..... R.....	R..... R..... R.....	..... ..... .....
b)	.....trips (Semi-skilled) @......km per trip	.....	R.....	R.....	.....

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



**health**

Department:  
Health  
PROVINCE OF KWAZULU-NATAL

King Edward VIII Hospital  
Private Bag X 02  
CNR of Rick Turner & Sydney Rd  
Tel. (031) 360 3468; Fax. (031) 205 0207

## SPECIFICATION

FOR

### SERVICING OF MAIN SUBSTATION (ANNUALLY) 2020/2021

Enquiries for technical related matters:

Enquiries: Mr. S. Gaxa  
Tel. (031) 360 3468  
Fax. (031) 205 0207

1. **WORK TO BE DONE:** - This needs to be conducted by a person who is qualified and competent in switching (switching certificate) plus ensure PPE (High voltage full switching gear). **Due date: Jan. 2021**

**Service Main Substation as per the attached checklist**

**NB: Company Sticker clearly showing date of the next service (Minor) must be visible**

Mr. S. Gaxa  
Artisan Foreman

Mr. S.V. Mbatha  
Chief Artisan

Mr. G.S. Dladla  
Engineering Service Manager

<b>Company:</b>			
TEST CERT NO:	REG NO:	VAT NO:	
<b>MV SWITCH GEAR</b>			
COMPANY:	INSPECTOR:	DATE:	
SUBSTATION:	TYPE OF SF6:	SERIAL NO:	
DESIGNATION:	MAKE:	O/C SET:	
<b>TEST RESULTS : SERVICE MAINTANANCE</b>			
DUCTOR TEST:	APPLIED CURRENT TEST: (amps)		
ACB PHASES	Rφ	Wφ	Bφ
	μΩ	μΩ	μΩ
CB OPEN GAP TEST:	APPLIED TEST VOLTAGE:		
BUSBAR SIDE	CABLE SIDE	LEAKAGE CURRENT	
Rφ	Rφ		
Wφ	Wφ		
Bφ	Bφ		
ACB PRESSURE TEST	APPLIED TEST VOLTAGE:		
METHOD	DURATION	INSULATION	
APPLIED TO Rφ BUSBAR – Wφ AND Bφ BUSBAR EARTHED	60 SECONDS		
APPLIED TO Wφ BUSBAR – Rφ AND Bφ BUSBAR EARTHED	60 SECONDS		
APPLIED TO Bφ BUSBAR – Wφ AND Rφ BUSBAR EARTHED	60 SECONDS		
<b>MECHANICAL &amp; ELECTRICAL CHECKS</b>			
Check wear gap		Check trip	
Check cluster springs		Check motor	
Check cluster contacts		Check charging mechanical	
Cradle moving parts		Check charging closure micro switch	
Copper moving contacts		Check mechanical closing	
Check auxiliary rotary switch		Check for any copper defects	
<b>REMARKS</b>			
INSULATION TESTER SET:		S/No:	
CALIBRATION CERTIFICATION No:		CAL. DATE:	
INSPECTOR NAME:		DATE:	
CUSTOMER INSPECTOR:		DATE:	

Company:

TEST CERT NO: REG NO: VAT NO:

MV SWITCHGEAR

COMPANY: INSPECTOR: DATE:
SUBSTATION: TYPE OF SF6: SERIAL NO:
DESIGNATION: MAKE: O/C SET:

TEST RESULTS :IDMT PROTECTION RELAY TEST SETTINGS & RESULTS

PRIMARY INJECTION TEST

Table with 8 columns: FAULT TYPE, PHASE ELEMENT, PLUG SETTING, RATED P/U AMPS (Is), ACTUAL P/U CURRENT (Is), TIME MULTI, PRI AMPS @1 X Is, RATED / ACTUAL TIME. Rows include O/C (Rφ, Wφ, Bφ) and E/F (N).

REMARKS

Phase 1 & 2 Fault = Earth Fault =
= =
= =
= =

Phase Fault Timer multiplier = Earth fault time multiplier =
= =
= =

RELAY TRIP ACCORDING TO THE SETTINGS

PRIMARY TESTER SET: S/No:
CALIBRATION CERTIFICATION No: CAL. DATE:
INSPECTOR NAME: DATE:
CUSTOMER INSPECTOR: DATE: