




Opening Date: 2019-10-22 
Closing Date: 2019-10-29 
Closing Time: 11:00

INSTITUTION DETAILS

Institution Name: Benedictine hospital
Province: KwaZulu-Natal
Department or Entity: Department of Health
Division or section: Central Supply Chain Management
Place where goods / services is required Maintenance
Date Submitted 2019-10-21 


ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ:
68 / 2019-20
Item Category: Services
Item Description:

1. Service of standby generator
 - CIDB grading 1ME is eligible to tender.
 - Specification attached

Quantity (if supplies)

COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Not Applicable
Date : 
Time:
Venue:

QUOTES CAN BE COLLECTED FROM:

download from website / collect from SCM office

QUOTES SHOULD BE DELIVERED TO:

gabazile.nxumalo@kznhealth.gov.za / deposit in the tender box

ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

Name: Phakathi AA
Email: hlengiwe.mthembu@kznhealth.gov.za
Contact Number:

0358317062

Finance Manager Name:

Mdladla GNM

Finance Manager Signature:



No late quotes will be considered

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, 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.....
- 2.2. Identity Number:
- 2.3. Position occupied in the Company (director, trustee, shareholder?).....
- 2.4. Company Registration Number:
- 2.5. Tax Reference Number:
- 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?

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
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¹"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.

²"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.

- 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 three 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 will not 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. SUBMISSION AND COMPLETION OF SBD 6.1

9.1. 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.

10. TAX COMPLIANCE REQUIREMENTS

- 10.1. 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.*
- 10.2. 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.*

11. TAX INVOICE

11.1. 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. |

12. PATENT RIGHTS

The supplier shall indemnify the **KZN Department of Health** (here after 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.

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
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:

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

- Ps = Points scored for price of bid under consideration
- Pt = Price of bid under consideration
- Pmin = 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"/>
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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"/>
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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.....



PROVINCE OF KWAZULU-NATAL
DEPARTMENT OF HEALTH

SERVICE OF GENERATOR IN BENEDICTINE HOSPITAL
(TECHNICAL SPECIFICATIONS)

1.

1.1 GENERAL

This TECHNICAL SPECIFICATION shall be read in conjunction with all other sections of the SPECIFICATION and cognisance shall be taken of the clauses relevant to this particular installation, whether any specific clauses are referred to or not.

1.2 **Scope of Work**

The current scope of work entails the following:

Service of Generator

- Check hour meter reading and record
- Check number of hours run since last service and record
- Check fan belt condition
- Check that the coolant is at the correct level
- Check all radiator hoses
- Check oil level
- Check jacket water heater is operating
- Check battery charger is charging
- Check battery water - top up if necessary
- Check that engine starts under load
- Check that the alternator/generator is operating
- Check for oil and water leaks
- Clean radiator air passage & check that the coolant is at the correct level
- Check that oil cooler air passages are clear - clean if necessary
- Check all radiator hoses and clamps
- Check oil level
- Change fuel filters, primary fuel filters/water traps
- Change fuel filters, primary fuel filters/water traps
- Bleed fuel system
- Check oil level of fuel pump cam box and governor
- Check fuel pump drive shaft and couplings
- Remove air filter
- Check turbo for free rotation and bearing wear
- Check seal faces of elements, air cleaner hoses and clamps for dust ingress
- Fit new or clean air filter (**washable paper air filters to be washed 3 times before discarding**)
- Check jacket water heater is operating
- Check battery charger

a) log volts

b) log amps

Check battery water - top up if necessary

Check battery cable lugs, clean and tighten as required

Start engine and run on load for 20 minutes and record the following (**obtain permission before proceeding**)

a) Voltage

b) Amperage

c) Hz

d) Oil pressure

e) Water temperature

f) Oil temperature

Listen for unusual noises

a) on starting

b) when running

c) when stopping

Check for oil and water leaks and repair if necessary

On completion of load test, restart engine and check the following

a) Low oil pressure shut-off

b) High temperature shut-off

c) low water shut-off

Check alternator coupling and terminals

Blow dust out of alternator/generator

Check all air vents on alternator/generator are clean and secure

Fuel tanks:

a) Drain off water

b) Check level control switch

c) Check electric pump

d) Check hand pump

e) Check low level fuel alarm

f) Check low, low fuel alarm

g) Check engine cut out alarm

h) Check covers and breathers

i) Check pipes and fittings

j) Change in line filter element

Check exhaust manifold, silencer, tail pipe, supports, etc.

Check air ducts

Check generator set's base, engine/alternator mountings, etc.

Clean down engine, alternator and mounting base

Panel :

a) Check circuit breaker

b) Check volt meter and selector

c) Check ammeters

d) Check Hz meter

e) Check hour meter

Check and adjust tappets

960 hour service (Contractor)

As for 240 hour service plus the following

Drain and refill radiator
Add 3 litres inhibitor to every 10 litres water
Pressure test cooling system to 150 kPa
Pressure test radiator cap and record pressure
Check and adjust tappets
Check rocker faces are smooth and not pitted
Check rocker lubrication operation
Replace rocker cover gasket

1.3 **MECHANICAL ENGINE**
Work to be carried out by the Trade tested artisan and the his or her documents to be the part of the returnable documents during bidding

1.4 **ELECTRICS**
Work to be carried out by the Trade tested artisan and the his or her documents to be the part of the returnable documents during bidding

1.5 **NOTE TO THE BIDDERS**

- CIDB grading 1ME is eligible to tender
- Contractors to have their own water and electricity
- No contractors will be allowed to sleep on site
- Contractors to comply to Health and Safety Act for the duration of the contractor
- Proof of accreditation by Cummins or AKSA Power Generator

1.6 **RETURNABLE DOCUMENTS**

- Proof of accreditation by Cummins or AKSA Power Generator
- CV's of the trade tested artisan that will be working on the generator

SCHEDULE OF RATES

WORK TO BE DONE AND SCHEDULE OF PRICES:

Item	DESCRIPTION	UNIT	QTY	RATE/ UNIT		TOTAL	
				R	c	R	c
	<p><u>NOTE:</u></p> <p>All rates for items contained in this Schedule of Prices must be computed excluding the applicable Sales Tax.</p> <p>The Administration reserves the right to Negotiate prices in the Bill of Quantities.</p>						
	<p><u>INSTITUTION: BENEDICTINE HOSPITAL</u></p> <p>SERVICE: SERVICING OF DIESEL GENERATOR BRAND AND MODEL: CATAPILAR SR4B SERIAL NO. 7YR00870 KVA: 250</p> <p align="center">AND</p> <p>SERVICE: SERVICING OF DIESEL GENERATOR BRAND AND MODEL: JAMES GENERATOR JPA 265 SERIAL NO. B415 KVA: 265</p> <p>All rates quoted shall be inclusive of transport and , labour and profit</p>						
	<p><u>PROPRIETARY ARTICLES:</u></p> <p>All equipment and material used in this contract shall be that which is specified or other approved.</p>						
a)	Service and produce the report for the Diesel generator as per the above scope of work and the schedule of work is attached	No	1				
Carried To Collection Summary PS 1						R	

COLLECTION SUMMARY

INSTITUTION: BENEDICTINE HOSPITAL

PROJECT: SERVICING OF 2 DIESEL GENERATOR

NOTE:

THIS COLLECTION SUMMARY MUST BE COMPLETED IN FULL BY THE CONTRACTOR AND RETURNED TOGETHER WITH THE TENDER FORM.

Collection Summary PS 1	R		
SUB-TOTAL "A"	R		
ADD Provision for Value Added Tax Allow 15% of SUB-TOTAL "A"			
<u>TOTAL: CARRIED TO TENDER FORM</u>	R		

Schedule of Service

CODE: GS - 01 (1)

INSTITUTION:

TYPE OF SERVICE: Generator Set

SCHEDULE FOR: Diesel Driven Generator

FREQUENCY: Weekly/240 hour/480 hour/720 hour/960 hour

ITEM	INSTRUCTION	CHECK	COMMENTS
Weekly			
1	Check hour meter rearing and record		
2	Check number of hours run since last service and record		
3	Check fan belt condition		
4	Check that the coolant is at the correct level		
5	Check all radiator hoses		
6	Check oil level		
7	Check jacket water heater is operating		
8	Check battery charger is charging		
9	Check battery water - top up if necessary		
10	Check that engine starts under load		
11	Check that the alternator/generator is operating		
12	Check for oil and water leaks		
13	Clean plant and plant area		
240 hour service (Contractor)			
1	Check fan belt:-		
	a) Condition		
	b) Tension - adjust if necessary		
	c) Pulleys		
2	Clean radiator air passage & check that the coolant is at the correct level		
3	Check that oil cooler air passages are clear - clean if necessary		
4	Check all radiator hoses and clamps		
5	Check oil level		
6	Change fuel filters, primary fuel filters/water traps		
7	Bleed fuel system		
8	Check oil level of fuel pump cam box and governor		
9	Check fuel pump drive shaft and couplings		
10	Remove air filter		
11	Check turbo for free rotation and bearing wear		
12	Check seal faces of elements, air cleaner hoses and clamps for dust ingress		
13	Fit new or clean air filter (washable paper air filters to be washed 3 times before discarding)		
14	Check jacket water heater is operating		
15	Check that all gauges are in position and secure		

INSTITUTION: _____ **CODE: GS - 01 (3)**

TYPE OF SERVICE: Generator Set

SCHEDULE FOR: Diesel Driven Generator

FREQUENCY: Weekly/240 hour/480 hour/720 hour/960 hour

ITEM	INSTRUCTION	CHECK	COMMENTS
	h) Check covers and breathers		
	i) Check pipes and fittings		
	j) Change in line filter element		
27	Check exhaust manifold, silencer, tail pipe, supports, etc.		
28	Check air ducts		
29	Check generator set's base, engine/alternator mountings, etc.		
30	Clean down engine, alternator and mounting base		
31	Panel :		
	a) Check circuit breaker		
	b) Check volt meter and selector		
	c) Check ammeters		
	d) Check Hz meter		
	e) Check hour meter		
32	Clean plant room		
480 hour service (Contractor)			
1	As for 240 hour service plus the following		
2	Check and adjust tappets		
3	Replace rocker cover gaskets		
720 hour service (Contractor)			
1	As for 240 hour service		
960 hour service (Contractor)			
1	As for 240 hour service plus the following		
2	Drain and refill radiator		
3	Add 3 litres inhibitor to every 10 litres water		
4	Pressure test cooling system to 150 kPa		
5	Pressure test radiator cap and record pressure		
6	Check and adjust tappets		
7	Check rocker faces are smooth and not pitted		
8	Check rocker lubrication operation		
9	Replace rocker cover gasket		

NOTE: Every third 960 hour service, fit service exchange injectors, new nozzles of atomizing pressure to engine manufactures recommendation.

Date: _____

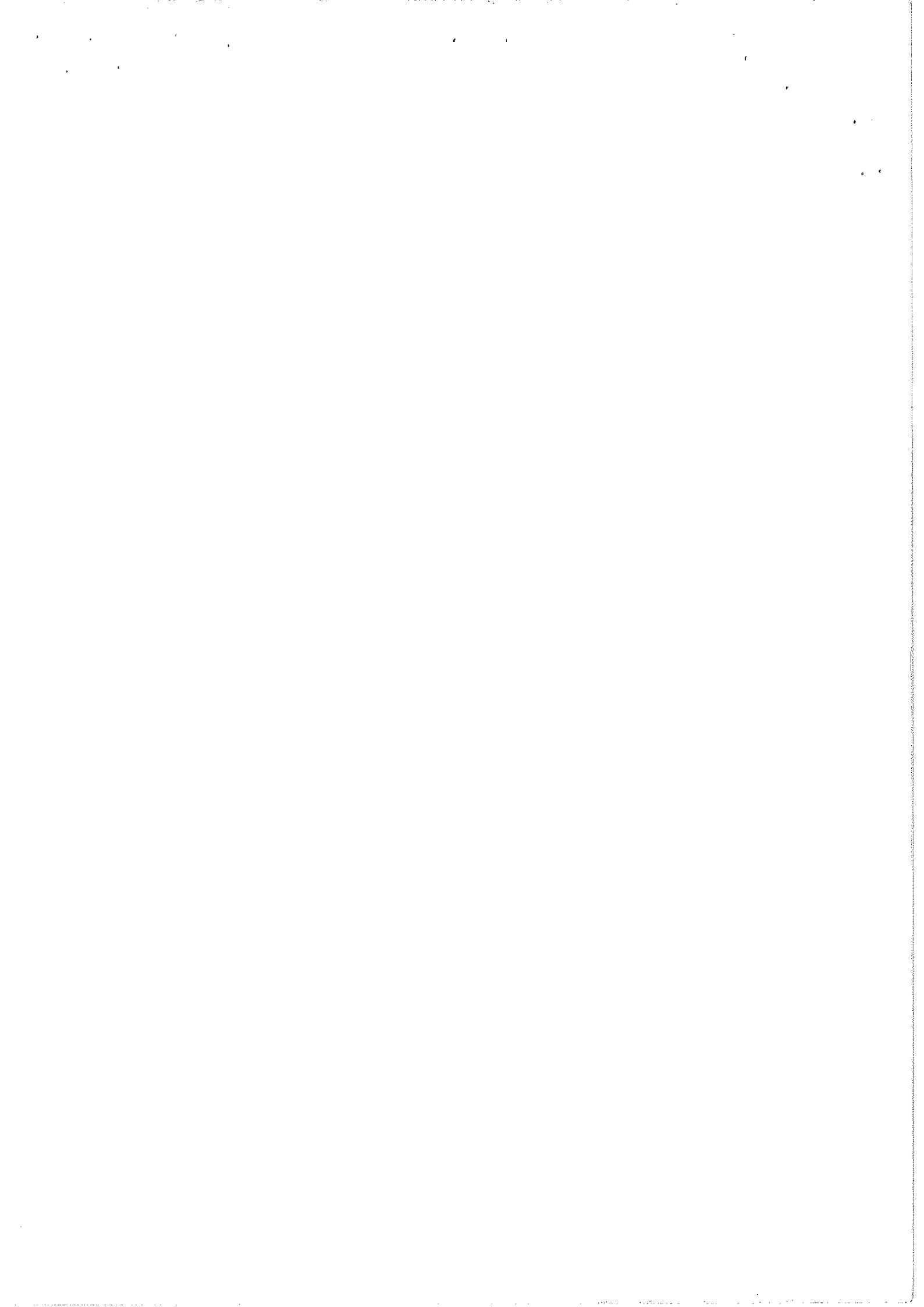
Name : _____

Signature: _____

INSTITUTION : **CODE: GS - 02 (1)**
TYPE OF SERVICE : Generator Set
SCHEDULE FOR : Electrical Service
FREQUENCY : Annual

ITEM	INSTRUCTION	CHECK	COMMENTS
Annual			
1	Control Panel		
1.1	Blow out panel. (Do not use compressed air)		
1.2	Check tightness of all connections		
1.3	Check alternator MCB contacts and record trip settings		
1.4	Replace defective indicator lamps in panel		
1.5	Replace defective fuses in panel		
1.6	Check changeover contactor coils, contacts and mechanical interlock (if not mechanical, specify)		
2	Fuel System		
2.1	Check all electrical connections on fuel alarm panel		
2.2	Check fuel transfer pump electrical connections		
2.3	Check for correct free travel and electrical operation of float switches		
3	Batteries		
3.1	Clean and grease terminals. Change battery clamps if necessary		
3.2	Check S.G. of Battery No.1		
	Cell No.1		
	Cell No.2		
	Cell No.3		
	Cell No.4		
	Cell No.5		
	Cell No.6		
3.3	Check S.G. of Battery No.2		
	Cell No.1		
	Cell No.2		
	Cell No.3		
	Cell No.4		
	Cell No.5		
	Cell No.6		
3.4	Check/fill battery cells to working level		
3.5	Battery No.1		
	Make and No.		

INSTITUTION :		CODE: GS – 02 (2)	
TYPE OF SERVICE : Generator Set			
SCHEDULE FOR : Electrical Service			
FREQUENCY : Annual			
ITEM	INSTRUCTION	CHECK	COMMENTS
3.6	Battery No.2		
	Make and No.		
4	Engine Starter		
4.1	Check condition of bendix		
4.2	Check commutator		
4.3	Check brushes		
4.4	Check contacts on slave solenoid		
4.5	Check starter sensor relay (i.e. discharge on start)		
5	Fuel (Stop/Start) Solenoid		
5.1	Check level		
5.2	Check condition of linkages		
5.3	Check connections		
6	Main Alternator		
6.1	Blow out main frame. (Do not use compressed air)		
6.2	Check all connections for tightness		
6.3	Listen for noisy bearings and report on same		
6.4	Grease bearings (where applicable)		
6.5	Check status of brushes/slip rings		
6.6	Check all diode connections		
6.7	Check holding down bolts		
7	Testing		
7.1	Check manual mode start		
7.2	Check test mode start		
7.3	Carry out run on load test (minimum time 20 minutes, obtain permission before proceeding)		
7.4	Check the following		
	Time MCB "Off"		
	Time engine start		
	Time alternator "On Load)		
	Time MCB "On"		
	Time sensor change to Eskom power		
	Engine cooling down time		



INSTITUTION : **CODE: GS – 02 (3)**

TYPE OF SERVICE : Generator Set

SCHEDULE FOR : Electrical Service

FREQUENCY : Annual

ITEM	INSTRUCTION	CHECK	COMMENTS
7.5	Check the following for correct operation of all safety circuits		
	Low oil pressure cut out		
	Water temperature cut out		
	Over speed cut out		
	Under speed cut out		
	Battery charger cut out		
	Radiator coolant level cut out (where applicable)		
	Check day tank fuel low level audible alarm		
	Check bulk tank - low level audible alarm		
	Check audible range and condition of siren		

Date :

Name :

Signature :