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AdvertQuote



Quotation Advert

Opening Date: 2022-07-06

Closing Date: 2022-07-13

Closing Time: 11:00

INSTITUTION DETAILS

Institution Name: Amajuba EMS

Province: KwaZulu-Natal

Department or Entity: Department of Health

Division or section: Central Supply Chain Management

Place where goods / services is required: AMAJUBA DISTRICT EMS

Date Submitted: 2022-07-05

ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ: EMA 018/22/23

Item Category: Services

Item Description: ANNUAL SERVICE OF THE EMERGENCY POWER GENERATOR,
AND CLEANING OF THE DIESEL TANK AT EMS AMAJUBA DISTRICT
(CIDB : ME1)

Quantity (if supplies): SEE ATTACHED DOCUMENT

COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Not Applicable

Date:

Time:

Venue:

QUOTES CAN BE COLLECTED FROM: Amajuba District Office, 38 Voortrekker Street, Newcastle, 2940

QUOTES SHOULD BE DELIVERED TO: Amajuba District Office, 38 Voortrekker Street, Newcastle, 2940

ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

Name: KHAYA OR NELLY

Email: khaya.mthethwa@kznhealth.gov.za/nelisiwe.msoml@kznhealth.gov.za

Contact Number: 034 328 7030/7054

Finance Manager Name: MRS. S.Y. MASANGO

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 or preference claims 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) & 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*
(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 80/20 points system, 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 preference points or price, is incomplete in any respect, the said supplier meets all specification requirements and scores the highest points in terms of preference points and 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 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 take place
- (ii) Date ____/____/____ Time ____:____ Place _____

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

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. THE DEPARTMENT RESERVES THE RIGHT TO PASS OVER ANY QUOTATION WHICH FAILS TO COMPLY WITH THE ABOVE.

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
applicable box)

(Tick

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

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

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 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.....
.....
.....

EVALUATION CRITERIA over R30 000.

Proposals received shall be evaluated on the following.

1. Specification

Only offers that meet the specification in all aspects as stipulated in the bid document shall be considered. Offers better than specification are considered to be compliant with the specification.

2. Correctness of information

All information required in the bid document must be accurate and dully completion including all the appropriate signatures. This include the completion of documentation where required and the submission of required / requested documentation e.g. Valid Tax Certificate, etc. Able to adhere to time frame (delivery/service period must be clearly indicated). Please ensure samples of products submitted is of good quality and free from infestations (moth & food insects) and in sealed tins. The institution reserves the right to verify all information submitted.

3. Preferential Points System

3.1 The 80/20 preferential point system shall be used in the evaluation process

B-BBEE Status Level of contributor	Number of points (80/20 system company to ring their level)
1	20
2	18
3	16
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

4. Specific Goals

Over and above the following activities will be considered in the evaluation/ adjudication process.

- I. The promotion of South African owned enterprises.
- II. Whether the quotation offers value for money
- III. Representivity in the composition of the vendor and the possibility of fronting
- IV. Tax Clearance Certificate issued by the South African Revenue Services
- V. Compulsory registration of the Provincial Suppliers Database
- VI. Verification the recommended bidder is not on the Register for tender defaulters
- VII. Verification of the identity numbers of the directors/trustees/shareholders of the preferred bidder(s) against the institution's staff establishment in order to determine whether or not any of the directors/trustees/shareholders are in the service of the State or officials employed by specific institution
- VIII. S.A.B.S approved products to be used
- IX. Suppliers to be registered with CIDB, proof of registration must be attached
- X. Delivery period shall adhere to time frame as specified on quotation document
- XI. Supervision will be carried out by representative of the Department of Health, between 7H30 to 16H00 from Monday to Friday
- XII. Service to be provided as per the OHS Act 85 of 1993
- XIII. As per attached specification
- XIV. Targeted suppliers

This evaluation criteria is designed in such a way that responses would be required from the bidders, **NB: Failure to submit the required documents(s) may invalidate the entire bid**
PLEASE SIGN AND RETURN THE EVALUATION CRITERIA WITH THE QUOTATION FORM AND RELEVANT DOCUMENT

NAME & SURNAME

SIGNATURE

ANNEXURE A

TECHNICAL REQUIREMENTS AND SCOPE OF WORK
FOR IN-SITU DIESEL FUEL STORAGE TANK CLEANING
AND DIESEL FUEL REMEDIATION

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- Schedule of Prices – Page 3 *RETURNSABLE*
- Technical requirements – Page 4 *RETURNSABLE*
- Scope of Work – Page 5-6 *RETURNSABLE*
- Confirmation of Compliance – Page 6 *RETURNSABLE*
- Work Method Statement – 7-8 *RETURNSABLE*
- Permission to Commence Work / Control Sheet Checklist – Page 9
- Fuel Analysis Report – Page 10-11

NOTE TO CONTRACTORS

- This Annexure shall be read in conjunction with Generator Preventative Maintenance Service Programme.
- Failure to complete all the relevant documentation in its entirety shall result in the disqualification of this bid. Please note documents marked as *RETURNABLE* must be submitted with all other relevant documentation.
- The KwaZulu-Natal Department of Health Infrastructure Development Directorate reserves the right to inspect the Contractors diesel fuel cleaning equipment and associated material, staff accreditation documents and valid Safety File at the Contractors premises prior to the awarding of any bids or BEFORE the commencement with any services.

RETURNABLE

SCHEDULE OF PRICES

Institution to strike through sections that are not applicable

To be completed by the relevant institution prior to the bid being issued for pricing.						To be completed by the Bidder
	Diesel Tank Location	Bulk Fuel Tank Capacity (In Litres)	Current fuel level of Bulk Fuel Tank (In Litres)	Day Tank Fuel Capacity (In Litres)	Current fuel level of Day Tank (In Litres)	Total Price
1	Generator No. 1	N/A	N/A	184	150	
2	Generator No. 2					
3	Generator No. 3					
4	Generator No. 4					
5	Generator No. 5					
6	Generator No. 6					
7	Generator No. 7					
8	Generator No. 8					
9						
Carry over to quotation page						R

RETURNABLE

TECHNICAL REQUIREMENTS AND SCOPE OF WORK
FOR IN-SITU DIESEL FUEL STORAGE TANK CLEANING
AND DIESEL FUEL REMEDIATION

TECHNICAL REQUIREMENTS (Contractor to ensure):

- 1) Compliance with all legislated safety requirements pertaining to in situ sampling, diesel tank cleaning, fuel remediation and DOH site specific requirements.

These safety requirements shall comply with SANAS 10089 for in-situ underground bulk diesel fuel tanks and SANAS 11089/1 for in-situ aboveground bulk diesel fuel tanks.

- 2) Only proven accredited tank cleaning and fuel remediation equipment and technology to be utilised that has:
 - A processing flow rate of no less than 1:8 to tank volume ratio.
 - Full spectrum water extraction capability (free, entrained and emulsified).
 - BV accredited or similar Induction Conditioning fuel remediation technology.
 - Three phase filtration and separation filtration down to 3 micron.
 - Metallic particulate extraction.
- 3) Service personnel shall be trained, experienced and accredited tank cleaning operators suitably skilled in system operation, fuel remediation procedures and safety requirements.

Certified copies of all training documentation shall be provided at time of tender.

- 4) A process that results in minimal waste/disposal of fuel of less than 1% of tank capacity (excluding water sludge and inorganic debris).
- 5) All contaminated disposable fuels and materials shall be disposed of at an accredited site. Original documentation shall be provided to the KwaZulu-Natal Department of Health at the time of invoicing for work done. Failure to comply shall result in the delay of these payments.

RETURNABLE

SCOPE OF WORK:

Upon commencement of the service the appointed Contractor shall do the following:

1. Draw two bottom diesel tank samples of the diesel fuel prior to the commencement of the cleaning of the tanks. Samples shall be drawn utilising recognised diesel tank sampling equipment as per the DN10/07 procedure.
2. Samples shall be drawn from the tanks and sealed in the presence of the KwaZulu-Natal Departments Institutions Chief Artisan or his/her authorised designee.

The drawn samples shall be signed off by the relevant KZN Department of Health Institutions Chief Artisan or his/her authorised designee.

3. Samples shall be clearly labeled detailing, date, location and tank type and volume.
4. One sample to be supplied to the KwaZulu-Natal Departments Institutions Chief Artisan or his/her authorised designee.
5. Provide tank cleaning and fuel remediation services to the diesel tanks which will remove/remediate the following:
 - a) Tank bottom debris
 - b) Free, Entrained and Emulsified water
 - c) Solid contaminants
 - d) Bio-film build-up / accumulation on tank walls and if applicable on baffles, supports
 - e) Remediation of the fuel to comply with SANS 342 (excluding Sulphur content compliance and raising of flashpoint levels)
 - f) The Contractor shall provide specification sheets of tank cleaning equipment to be utilised.
 - g) The Contractor shall provide a list of chemicals and dosage ratios to be used in the tank cleaning and fuel remediation process utilising the MSDS sheets.

Upon completion of the service:

- 1) Draw samples again as per items 1 to 4 above and provide a sample to KwaZulu-Natal Departments Institutions Chief Artisan or his/her authorised designee. The other to be sent for SANS 342 laboratory analysis from a recognized laboratory.
- 2) The Contractor shall provide the name of the independently recognised test laboratory that shall be testing the diesel fuel samples.
- 3) Provide written confirmation of completion and successful remediation and cleaning per tank.
- 4) Record the volume of waste generated from each tank, remove from site and arrange for disposal at an accredited waste disposal facility.

RETURNABLE

- 5) Obtain departments duly appointed site representative signature on an appropriate document confirming the above per tank.
- 6) Provide an Independent SANS 342 laboratory analysis from a recognized accredited laboratory confirming fuels remediation status per tank (excluding Sulphur content compliance and raising of flashpoint levels).
- 7) Provide a waste disposal certificate confirming waste has been received from an accredited waste disposal facility for such waste.

Confirmation of Compliance

I (full name) _____

Identity No. _____

duly authorised to sign on behalf of (Company Name) _____

Company Reg. No. _____

Hereby confirm that I/we have read the requirements of this specification and will fully comply with this specification. I/We further confirm that I/We have the required technology and skills to perform the tasks.

Dated this _____ day of _____ 20_____ at _____

Signature: _____

Witness:

Name _____ Signature _____

RETURNABLE

DIESEL FUEL TANK AND DIESEL FUEL CLEANING REGIME FOR IN-SITU STORAGE TANKS.

WORK METHOD STATEMENT

Upon arrival on site: Explain procedures to be followed.

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Drawing of diesel fuel sample: Explain procedures to be followed.

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Setting up and commencement of diesel fuel cleaning process: Explain the procedure to be followed.

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RETURNABLE

After completion of diesel fuel cleaning process: Explain the procedure to be followed.

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Signature of Contractor: _____

Name of Contractor: _____

Contractors Company Stamp:

Permission to Commence Work / Control Sheet Checklist

Items to confirm prior to issuing authorisation to commence with service

- 1) Tank cleaning equipment to be utilised conforms to the DOH Specification, Copies of Tank Cleaning Equipment Specification Sheets to be provided
- 2) Service personnel's accreditation documentation
- 3) Health & Safety File
- 4) Material Safety Data Sheets of Chemicals to be utilized.

Confirmation of Compliance

I (full name) _____ hereby

Confirm I have inspected the abovementioned equipment and documentation and confirm that it in compliance with the specification. The Contractor is hereby permitted to commence with the Scope of Work as per Order No.: _____

Dated this _____ day of _____ 20____ at _____

Signature: _____

Emergency Power Generator Diesel Fuel Analysis Report**SANS 17025: 2005**

Institution: _____

Tank Type and Capacity: _____
(One report per tank)

Tank Serial / Reference Number: _____

Name of Company conducting cleaning regime and collecting of samples: _____

Name of Technician: _____

Sample Date: _____

Received Date: _____

Reported Date: _____

Type of Sample Container used: _____

Volume of sample taken in ml: _____

Fuel Sample ID Code: _____

Name of Laboratory conducting testing regime: _____

SANAS Accreditation Number: _____

Name of Technician: _____

Sample Date: _____

Received Date: _____

Reported Date: _____

NOTE: One test analysis sheet to accompany each individual fuel sample.**Each test analysis sheet and fuel sample to have the same ID code.****Test results shall be returned to the relevant institution and a copy thereof supplied to the office of the Manager - KZN DoH Infrastructure Development prior to payment being made to the Service Provider.****Provide a certificate stipulating volumes of waste contaminant removed from each tank and a safe disposal certificate from an accredited waste disposal facility for such waste. A copy thereof supplied to the Office of the Director - KZN Department of Health: Infrastructure Development – Maintenance and Engineering sub-directorate.**

Test Results

Tests	Sample No:		SANS 342:2006 Specification	
	Results	Units	Limits	Comments
Density @ 20oC (ASTM D 7042)*		Kg/L	0.800min	
Viscosity @ 40°C (ASTM D7042*)		cST	2.2-5.3	
Flashpoint (ASTM D 93)*		oC	55 min	
Water Content (ASTM D604)		%	0.05 max	
90% Recovery Temp. (ASTM D86)*		oC	362 max	
Total Contamination (IP40)*		Mg/Kg	24 max	
Sulphur (ASTM D4294)*		ppm	500 max	
Residue (ASTM D86)*		%		
Cetane Index (ASTM D976)*				
* Not an Accredited SANAS Method				

Visual Inspection / Additional Tests

	Unit	Result	Comments
Free Water			
Colour			
Appearance			
Bacteria Content			
Total Acid Number	mgKOH/g		
IP Contamination			

Distillation & Graph

Insert reading in relevant column on left and project values onto the graph on right

Distillation Data

IBP	
10	
20	
30	
40	
50	
60	
70	
80	
90	
FBP	
Rec %	

Temperature °C

380					
360					
340					
320					
300					
280					
260					
240					
220					
200					
180					

IBP DIS 20 DIS 40 DIS 60 DIS 80 FBP
 % Recovery

Diagnosis / Remarks

RESULT: PASS / FAIL (circle relevant item)

Name & Signature _____ Date: _____
 Laboratory Technician

 Company Stamp



**Generator Preventative Maintenance Service Programme
 Monthly Inspections and Annual Service**

Part Two: Annual Service including Diesel Fuel Remediation

Institution _____

Date _____

Time _____

Service carried out by: Name _____

Name of Company _____

Signature _____

Order Number _____

Generator Location _____

Annual Service - *To be carried out by an industry recognised generator service provider.
Proof of competency required.*

Procedure to follow before starting generator.			Checked:		Comments
Items			Yes	No	
1	Check fan belt, condition and tension.				
2	Check fan for any visible damage.				
3	Check radiator hoses and clamps.				
4	Check radiator for any visible damage.				
5	Check all hoses for dust ingress.				
6	Check that water jacket heater is functional.				
7	Check all guards are in position and secure.				
8	Check battery charger.				
9	Check date of installation or replacement of battery.				
10	Drain Radiator and refill with manufacturer's specified coolant.	Make and type			
11	Supply and fit new water filters as per manufacture's specification.	Make and type			
12	Drain engine oil and refill with manufacture's specified engine oil.	Make and type			
13	Supply and fit new oil filters as per manufacture's specification.	Make and type			
14	Supply and fit new fuel filters as per manufacture's specification.	Make and type			
15	Supply and fit new air filters as per manufacture's specification.	Make and type			
16	Check battery condition: (Maintenance Free type)	Casing			
		Leads			
		Box			
		Lugs			
		Battery terminals			
17	Check battery condition: (Maintained type)	Hydrometer	Casing		
		Green:	Leads		
		Black:	Box		
		Yellow:	Lugs		
		Red:	Battery terminals		
		Volts:	Clean and tighten connections.		
		Amps:			
18	Check oil level.				
19	Check radiator coolant level.				
20	Check day tank fuel level.				
21	Check air vents on alternator for any obstructions.				
22	Check starter motor mountings for tightness.				
23	Check engine alternator mountings for tightness.				
24	Check generator base and anti vibrations mounts for signs of deterioration.				
25	Drain water trap.				
26					
27					

Procedure to follow after starting and running generator on NO LOAD for 5 minutes.		Checked		Comments
Items		Yes	No	
28	Check for any leaks - oil, fuel, coolant, exhaust gases.			
29	Check alternator charge operation.			
30	Log engine temperature gauge reading.			
31	Log engine oil pressure reading.			
32	Log generator running hours			
33	Log engine battery voltage			
34	Check low radiator coolant level.			
35	Check all hoses, pipes, fittings and clamps for damage or leaks.			
36	Check exhaust manifold, silencer and pipes.			
37	Shut down generator and check the following: Engine Oil Level Radiator Coolant Level			
38				

Procedure to follow after starting and running generator ON LOAD for 30 minutes.		Checked		Comments
Items		Yes	No	
39	Log electrical load on the generator			
40	Change over mechanism functional.			
41	Check MDI meters for functionality.			
42	Check Voltage selector for functionality.			
43	Check Phase selector for functionality.			
44				

Annual Service - To be carried out by an industry recognised diesel fuel remediation service provider.

Proof of competency required.

The Generator Service Provider shall engage the services of a recognised diesel fuel remediation sub-Contractor to carry out a full diesel fuel remediation programme on the generator "day tank" as well as the bulk diesel fuel tank as per the specification of the KZN Department of Health. Annexure A

Items		Checked		Comments	
		Yes	No		
45	Diesel Fuel Remediation in accordance with specification of the KZN Department of Health				
46	Pressure testing of Bulk diesel fuels tanks in accordance with statutory requirements.				
47	Disposal of contaminated diesel fuel.				
48	Supply documented proof of the following:	Diesel Fuel Remediation Laboratory Results			
		Diesel Fuel Tank Pressure Test Results			
		Contaminated Diesel Fuel Disposal Certificate			