



Quotation Advert

Opening Date: 12/05/2023

Closing Date: 23/05/2023

Closing Time: 11:00

INSTITUTION DETAILS

Institution Name: Dannhauser CHC

Province: KwaZulu-Natal

Department of entity: Department of Health

Division or section: Central Supply Chain Management

**Place where goods/
service is required:** DANNHAUSER CHC

Date Submitted: 11/05/2023

ITEM CATEGORY AND DETAILS

Quotation number: ZNQ: DAN 309/22/23

Item Category: Services

Item Description: MAJOR SERVICE OF GENERATOR AND FILTERATION OF DIESEL TANKS AT DANNHAUSER CHC (ME1) IS REQUIRED

Quantity (if supplies)1 GENERATOR AND 2 DIESEL TANKS

COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Not applicable

Date: Click here to enter a date.

Time: Click here to enter text.

Venue: Click here to enter text.

QUOTES CAN BE COLLECTED FROM: available on the intranet/website

QUOTES SHOULD BE DELIVERED TO: no 07 durnacol road dannhauser 3080/ emailed back to :dannhauser.quotations@kznhealth.gov.za

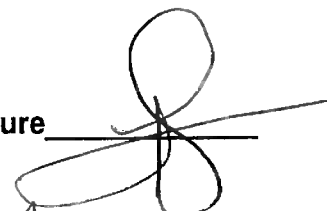
ENQUIRIES REGARDING ADVERT MAY BE DIRECTED TO:

Name: s khambule

Email: simphiwe.khambule@kznhealth.gov.za
6111/6124/6100

Contact number: 034 621

Finance Manager Name: S Mbense **Finance Manager Signature**


11/05/2023

QUOTE NUMBER: ZND / DAN / 309 / 2223.

DESCRIPTION: MAJOR SERVICE

PREFERENCE POINTS WILL BE ALLOCATED ACCORDING TO THE IMPLEMENTATION OF SPECIFIC GOALS IN TERMS OF PPR 2022: POINTS ALLOCATED

Promotion of South African owned enterprises

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ICN NUMBER	QUANTITY	UNIT OF MEASURE	DESCRIPTION	BRAND & MODEL	COUNTRY OF MANUFACTURE	PRICE
1	01 unit	unit	MAJOR SERVICE OF GENERATOR AND FILTER OF DIESEL TANKS AT DAN CHC			
	02 units		ME 1 TO BE ATTACHED			
2	01units	unit	MAJOR SERVICE OF GENERATOR AND FILTERATION OF DIESEL TANK AT DURMACOL CLINIC(4.3 KM)			
3	01 unit	unit	MAJOR SERVICE OF GENERATOR AND FILTERATION OF DIESEL TANK AT GREENOCK CLINIC(42.8 KM)			
			NB: THE DOCUMENTS MUST BE ATTACHED AND RETURNED WITH THE QUOTATION DOCUMENTS.			
			FAILURE TO DO SO WILL RESULT IN POINTS NOT BEING ALLOCATED, (A COPY OF BBBEE CERTIFICATE, ID AND CIPC REGISTRATION DOCUMENTS)			
			VALUE ADDED TAX @ 15% (only if VAT Vendor)			
			TOTAL QUOTATION PRICE (VALIDITY PERIOD 60 days)			

DEPARTMENT OF HEALTH
 DANNHAUSER CHC
 12 MAY 2023
 SUPPLY CHAIN MANAGEMENT

DOES THIS OFFER COMPLY WITH THE SPECIFICATION? YES / NO

IS THE PRICE FIRM? YES / NO

DOES THE ARTICLE CONFORM TO THE S.A.N.S. / S.A.B.S. SPECIFICATION? YES / NO

STATE DELIVERY PERIOD (E.G. 3 DAYS, 1 WEEK) YES / NO

NAME OF BIDDER: _____

SIGNATURE OF BIDDER: _____

[By signing this document, I hereby agree to all terms and conditions]

DATE: _____

CAPACITY UNDER WHICH THIS QUOTE IS SIGNED: _____

BIDDER'S DISCLOSURE

1 PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2 BIDDER'S DECLARATION

2.1. Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES / NO**

2.1.1. If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

FULL NAME	IDENTITY NUMBER	NAME OF STATE INSTITUTION

2.2. Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES / NO**

2.2.1. If so, furnish particulars: _____

2.3. Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES / NO**

2.3.1. If so, furnish particulars: _____

3 DECLARATION

I, the undersigned,(name) _____ in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1. I have read and I understand the contents of this disclosure;
- 3.2. I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6. There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.7. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

NAME OF BIDDER	SIGNATURE	POSITION	DATE
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¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

GENERAL CONDITIONS OF CONTRACT

NOTES

The purpose of this document is to:

- (i) Draw special attention to certain general conditions applicable to government bids, contracts and orders; and
- (ii) To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with government

In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter.

- The General Conditions of Contract will form part of all bid/quotation documents and may not be amended.
- Special Conditions of Contract (SCC) relevant to a specific bid, should be compiled separately for every bid (if applicable) and will supplement the General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

1	Definitions
1.1	The following terms shall be interpreted as indicated:
1.2	"Contract" means the date and hour specified in the bidding documents for the receipt of bids.
1.3	"Contract price" means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
1.4	"Corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.
1.5	"Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
1.6	"Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
1.7	"Day" means calendar day.
1.8	"Delivery" means delivery in compliance of the conditions of the contract or order.
1.9	"Delivery ex stock" means immediate delivery directly from stock actually on hand.
1.10	"Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
1.11	"Dumping" occurs when a private enterprise abroad markets its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA
1.12	"Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
1.13	"Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
1.14	"GCC" means the General Conditions of Contract.
1.15	"Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
1.16	"Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
1.17	"Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
1.18	"Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other value-adding activities.
1.19	"Order" means an official written order issued for the supply of goods or works or the rendering of a service.
1.20	"Project site," where applicable, means the place indicated in bidding documents.
1.21	"Purchaser" means the organization purchasing the goods.
1.22	"Republic" means the Republic of South Africa.
1.23	"SCC" means the Special Conditions of Contract.
1.24	"Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and any other such obligations of the supplier covered under the contract.
1.25	"Written" or "in writing" means handwritten in ink or any form of electronic or mechanical writing.
2	Application
2.1	These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
2.2	Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
2.3	Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.
3	General
3.1	Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
3.2	With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za

- 4 Standards**
- 4.1. The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.
- 5 Use of contract documents and information; inspection.**
- 5.1. The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2. The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.
- 5.3. Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.
- 5.4. The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.
- 6 Patent rights**
- 6.1. The supplier shall indemnify 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.
- 7 Performance security**
- 7.1. Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2. The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3. The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
- (b) a cashier's or certified cheque
- 7.4. The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.
- 8 Inspections, tests and analyses**
- 8.1. All pre-bidding testing will be for the account of the bidder.
- 8.2. If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.
- 8.3. If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4. If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5. Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6. Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7. Any contract supplies may on or after delivery be inspected, tested or analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.
- 8.8. The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.
- 9 Packing**
- 9.1. The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2. The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.
- 10 Delivery and documents**
- 10.1. Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.
- 10.2. Documents to be submitted by the supplier are specified in SCC.
- 11 Insurance**
- 11.1. The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the SCC.

- 12 Transportation
 12.1. Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC.
- 13 Incidental services
 13.1. The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
 (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
 (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
 (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
 (d) performance or supervision of maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
 (e) training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the goods charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.
- 14 Spare parts
 14.1. As specified in SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:
 (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
 (b) in the event of termination of production of the spare parts:
 (i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 (ii) following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.
- 15 Warranty
 15.1. The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.
 15.2. This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.
 15.3. The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
 15.4. Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.
 15.5. If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.
- 16 Payment
 16.1. The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.
 16.2. The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.
 16.3. Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.
 16.4. Payment will be made in Rand unless otherwise stipulated in SCC.
- 17 Prices
 17.1. Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized in SCC or in the purchaser's request for bid validly extension, as the case may be.
- 18 Contract amendments
 18.1. No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.
- 19 Assignment
 19.1. The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.
- 20 Subcontracts
 20.1. The supplier shall notify the purchaser in writing of all subcontracts awarded under this contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.
- 21 Delays in the supplier's performance
 21.1. Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
 21.2. If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
 21.3. No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
 21.4. The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.

- 21.5. Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.
- 21.6. Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.
- 22 Penalties**
- 22.1. Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.
- 23 Termination for default**
- 23.1. 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:
- (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
 - (b) if the Supplier fails to perform any other obligation(s) under the contract; or
 - (c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2. 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. However, the supplier shall continue performance of the contract to the extent not terminated.
- 23.3. 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.
- 23.4. If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.
- 23.5. Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.
- 23.6. If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:
- (i) the name and address of the supplier and / or person restricted by the purchaser;
 - (ii) the date of commencement of the restriction
 - (iii) the period of restriction; and
 - (iv) the reasons for the restriction.
- These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.
- 23.7. If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.
- 24 Anti-dumping and countervailing duties and rights**
- 24.1. When, after the date of bid, provisional payments are required, or antidumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.
- 25 Force Majeure**
- 25.1. Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- 25.2. If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.
- 26 Termination for insolvency**
- 26.1. The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.
- 27 Settlement of Disputes**
- 27.1. If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.

- 27.2. If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 27.3. Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 27.4. Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
- 27.5. Notwithstanding any reference to mediation and/or court proceedings herein,
- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
- (b) the purchaser shall pay the supplier any monies due the supplier.
28. Limitation of liability
- 28.1. Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 9,
- (a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and
- (b) the aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.
29. Governing language
- 29.1. The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.
30. Applicable law
- 30.1. The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.
31. Notices
- 31.1. Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice
- 31.2. The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.
32. Taxes and duties
- 32.1. A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 32.2. A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
- 32.3. No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.
33. National Industrial Participation (NIP) Programme
- 33.1. The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.
34. Prohibition of Restrictive practices
- 34.1. In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).
- 34.2. If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998.
- 34.3. If a bidder(s) or contractor(s), has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.

SPECIAL 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

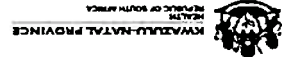
- 3.1. The Department is under no obligation to accept the lowest or any quote.
- 3.2. The Department reserves the right to communicate in writing with vendors in cases where information is incomplete or where there are obscurities regarding technical aspects of the offer, to obtain confirmation of prices 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.



- 5.6. Quotation documents must not be included in packages containing samples. Such quotations may be rejected as being invalid.
- 6. **SAMPLES**
 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/ 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.
 (iii) If samples are not collected within three months of close of quote the institution reserves the right to dispose of them at their discretion.
 Samples must be made available when requested in writing or if stipulated on the document.
 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**
 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: _____ Full Name: _____ Signature: _____ Date: _____	Institution Site Inspection / briefing session Official: _____
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- 8. **STATEMENT OF SUPPLIES AND SERVICES**
 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**
 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 points 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**
 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.
 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**
 A tax invoice shall be in the currency of the Republic of South Africa and shall contain the following particulars:
 (i) the name, address and registration number of the supplier;
 (ii) the name and address of the recipient;
 (iii) an individual serialized number and the date upon which the tax invoice
 (iv) a description and quantity or volume of the goods or services supplied;
 (v) the official department order number issued to the supplier;
 (vi) the value of the supply, the amount of tax charged;
 (vii) the words tax invoice in a prominent place.
- 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**
 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.
 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.
 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.**

SBD 6.1.

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

- 1.1. The following preference point systems are applicable to invitations to tender:
 - the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
 - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).
- 1.2. The applicable preference point system for this tender is the 80/20 preference point system.
- 1.3. Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:
 - (a) Price; and
 - (b) Specific Goals.
- 1.4. The maximum points for this tender are allocated as follows:

POINTS	PRICE	SPECIFIC GOALS	Total points for Price and Specific Goals
80	80	20	100
- 1.5. Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6. The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

DEFINITIONS

- (a) "tender" means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) "price" means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) "rand value" means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) "tender for income-generating contracts" means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) "the Act" means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

- 3.1. POINTS AWARDED FOR PRICE
 - 3.1.1. THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS
 - 3.1.1.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

$$Ps = 80 \left(1 - \frac{Pt - Pmin}{Pmax} \right)$$

OR

$$Ps = 90 \left(1 - \frac{Pt - Pmin}{Pmax} \right)$$

Where
 Ps = Points scored for price of tender under consideration
 Pt = Price of tender under consideration
 Pmin = Price of lowest acceptable tender
- 3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT
 - 3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

$$Ps = 80 \left(1 + \frac{Pt - Pmax}{Pmax} \right)$$

OR

$$Ps = 90 \left(1 + \frac{Pt - Pmax}{Pmax} \right)$$

Where
 Ps = Points scored for price of tender under consideration
 Pt = Price of tender under consideration
 Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.

The specific goal/s allocated points in terms of this tender	Number of points allocated (80/20 system)	Number of points <u>claimed</u> (80/20 system)
Promotion of South African owned enterprises	20	

DECLARATION WITH REGARD TO COMPANY/FIRM

- 4.3. Name of company/firm: _____
- 4.4. Company registration number: _____
- 4.5. TYPE OF COMPANY/ FIRM [tick applicable box]
- Partnership/Joint Venture / Consortium
 - One-person business/sole propriety
 - Close corporation
 - Public Company
 - Personal Liability Company
 - (Pty) Limited
 - Non-Profit Company
 - State Owned Company

- 4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I 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 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
 - iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering 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 tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted 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, if deemed necessary.

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME: _____

DATE: _____

ADDRESS: _____

EVALUATION CRITERIA ^{over} ~~under~~ 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. The institution reserves the right to verify all information submitted. Able to adhere to time frame (delivery/service period must be clearly indicated).

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

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

- (i) The promotion of South African owned enterprises
- (ii) The promotion of enterprises located within the District of the organization calling for bid.
- (iii) Documentation reports received from an institutions pertaining to past bad performance by a company who is tendering, will be taken into consideration.
- (iv) S.A.B.S approved products
- (v) Whether the quotation offers value for money
- (vi) Representatively in the composition of the vendor and the possibility of fronting
- (vii) End User/SCM official to approve product sample before final delivery
- (viii) Compulsory registration of the Provincial Suppliers Database
- (ix) 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
- (x) The department request S.A products unless specified
- (xi) All warranties/guaranties must be provided with the purchase of the unit/equipment.
 - (xii) Delivery period shall adhere to time frame as specified on quotation document.
 - (xiii) Supplier to be registered with CIDB, registration must be attached.
 - (xiv) Services to be provided as per OHS Act 85 of 1993
 - (xv) The supplier to provide training to staff when requested in correct handling and maintenance of the unit

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 DOCUMENTS

NAME & SURNAME

SIGNATURE



health

Department:
Health
PROVINCE OF KWAZULU-NATAL

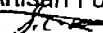
Physical Address No 7 Durnacol Road, Dannhauser, 3080
Postal Address: Private Bag x 1008, Dannhauser, 3080
Tel: 0346216100 Fax: 0346216180 Email: siboniso.mbalha@kznhealth.gov.za
www.kznhealth.gov.za

Artisan Forman

REQUIREMENTS FOR SERVICING OF STAND BY GENERATOR

1. Companies must be registered with CIDB minimum 1 ME
2. Companies must comply with CSD
3. Companies must have valid letter of good standing with Department of labor (compensation commissioner)
4. Companies must provide three proof of work done before to stand by generator.
5. Company that will be doing work must provide proof qualification of the artisan that is employed by the same company

Kindly Regards

Mr. SC Mbatha (Artisan Forman)
Dannhauser CHC 



Department:
Health
PROVINCE OF KWAZULU-NATAL

INFRASTRUCTURE DEVELOPMENT
Private Bag X9051
191 Peter Kerchhoff Street
Pietermaritzburg 3200
Tel.: 033 341 7000 Fax. 033 345 4370
Email:vaughn.stevens@kznhealth.gov.za
www.kznhealth.gov.za

Ref: 4/6/3/1 Main
Enq: Mr. V. Stevens
Tel: 033 341 7042

To:
All District Managers
All Hospital CEO's
All CHC Managers
All Institutional Heads

Circular No. G86/2013

INSTITUTIONAL EMERGENCY POWER GENERATION – REMEDIAL ACTION FOR DIESEL FUEL AND DIESEL FUEL STORAGE TANKS.

It has come to the attention of this office that some institutions are failing to adequately care for the diesel fuel that is stored on site in bulk tanks holding 2000 litres or more for use by the emergency power generators.

In order to minimise the occurrence of emergency power generators failing to operate due to contaminated diesel fuel during times of Eskom / Municipal power failures / outages the affected institutions shall on an **ANNUAL** basis introduce a regime of fuel tank cleaning and in situ diesel fuel reconditioning using the attached specification and diesel fuel analysis test sheet when calling for bids.

The institutions are strongly advised to implement this regime as soon as possible to avoid any malpractice claims due to the non-performance of the essential plant and equipment. All costs must be claimed against the institutional maintenance budget.

Failure to adhere to this annual procedure could destroy the generator motor due to water and dirt entering the motor from the fuel tanks. The current average cost to replace generators is in the region of R 750 000.00 inclusive. The institutions shall be held accountable for any losses incurred should the regime of diesel fuel reconditioning and diesel fuel storage tank cleaning not be carried out regularly.

The specification and fuel analysis test sheet is also located on the Intranet home page under the heading: Head Office Components - Infrastructure Development - Circulars.

MR. B. GCABA
GENERAL MANAGER;
INFRASTRUCTURE DEVELOPMENT

DATE: 30/9/2013





Specification for tank cleaning and fuel remediation services to in situ diesel fuel generator storage tanks

SCOPE OF WORK:

The Contractor shall provide the following:

1. Draw two bottom of 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 SANS procedure.
2. Samples shall be drawn from the tanks and sealed in the presence of the clients duly appointed representative.
3. All samples shall be clearly labeled detailing client, date, location and tank type and volume.
4. One sample to be supplied to the client the other to be sent to a recognised independent testing facility for SANS 342 analysis.
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) Generate minimal waste/disposal of fuel of less than 1% of tank capacity (excluding water sludge and inorganic debris).

Upon completion of the service:

- Draw samples again as per items 1-4 above.
- Provide a report confirming completion and successful remediation and cleaning.
- 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.
- Provide an Independent SANS 342 laboratory analysis confirming fuels remediation status per tank (excluding sulphur content compliance and raising of flashpoint levels) as per attached Analysis Report Form.



health

Department:
Health
PROVINCE OF KWAZULU-NATAL

DAN - CHIC Spec

DANNHAUSER Community Health Center
Private Bag x 1008
DANNHAUSER, 3080
www.kznhealth.gov.za

Maintenance

MAJOR SERVICING OF DIESEL TANKS

Section A

1. The contractor should send competent personnel to perform servicing of diesel tanks.
2. The contractor should service all diesel day tanks and each tank must have its own report as per TECHNICAL REQUIREMENT AND SCOPE OF WORK FOR IN-SITU DIESEL FUEL STORAGE TANK CLEANING AND DIESEL FUEL REMEDIATION.

Section B

1. All work should be completed within three weeks after the date of issuing the official order number.
2. Contractor should sign in and out in the contractor's book at Maintenance when on site.
3. Contractor will be monitored on regular bases by PMMH Maintenance staff.
4. The contractor should comply with Department of Health (Health and Safety Specification August 2005, extracted from The Construction Regulations OHS Act 85 of 1993) and sign a declaration form available from maintenance or Health and Safety Officer in terms of Occupational Health and Safety Act 85 of 1993 Section 8,9 and 37 requirements, before commencing any work.
5. The entire contractor's staff must be identifiable.
6. The hospital is not held responsible for any theft of the contractor's material or equipment.
7. Contractor must at all times adhere to the Health and Safety requirements and in particular Construction Regulations.

8. All workmanship and material must be guaranteed.
9. The contractor must be CIDB registered, attach proof.
10. The contractors must not damage any equipment of fixtures within the hospital.
11. If the Contractor does not commence work within 15 days (excluding weekends and holidays) after the order has been issued, the order will be cancelled and penalties will be issued.
12. Payment will only be processed on completion of work and site handover and please note that completion certificate and a guarantee of workmanship certificate to be handed in after the job has been completed in order for payments to be processed.

ANNEXURE A

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

Index

- Notes to Contractors – Page 2
- Schedule of Prices – Page 3 *RETURNABLE*
- Technical requirements – Page 4 *RETURNABLE*
- Scope of Work – Page 5-6 *RETURNABLE*
- Confirmation of Compliance – Page 6 *RETURNABLE*
- Work Method Statement – 7-8 *RETURNABLE*
- 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.

RETURABLE

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					
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

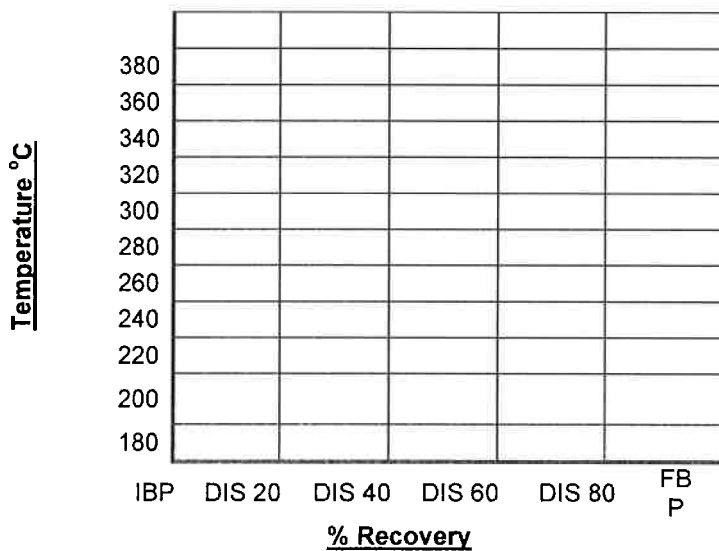
	Unit	Result	Comments
Free Water			
Colour			
Appearance			
Bacteria Content			
Total Acid Number	mgKOH/g		
IP Contamination			

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 %	



Diagnosis / Remarks

RESULT: PASS / FAIL (circle relevant item)

Name & Signature
Laboratory Technician

Date: _____

Company Stamp

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

STANDBY GENERATOR ANNUAL SERVICE AT DANNHAUSER COMMUNITY HEALTH CENTRE

1.1 SCOPE OF CONTRACT

This Contract is for the execution of the project indicated above.

1.2 CONTRACT DRAWINGS

This Bidder document is to be read in conjunction with the drawings listed below which is issued together with this document.

Drawing Nr: CLINIC/CHC/ (N/A)

These drawings may be updated from time to time during the course of the Contract, and the Contractor must ensure at the time of the installation that he has the latest copy of all drawings. No claim will be considered for work, which requires to be changed due to the use of outdated drawings.

1.3 CONDITIONS OF CONTRACT AND PRELIMINARIES

1.3.1 PERIOD OF CONTRACT

Ten Days (10) working days as the Contract Period for the completion of the Work from date of Site handover.

1.3.2 CONTRACT GUARANTEE:

The Successful Bidder will **NOT** be required to submit a contract guarantee.

1.3.3 GUARANTEE PERIOD

The guarantee period for the completion of the Wendy House and related work, indicated above and all materials must be a minimum of Three (3) Calendar Months from the date of first delivery.

1.3.4 PENALTIES FOR NON COMPLETION

Penalties at rate of R 100.00 per day shall apply.

1.3.5 DEFAULT BY CONTRACT

Penalties at rate of R 100.00 per day shall apply.

1.3.6 SITE AND MODE OF PROCEDURE

The work contained in this contract will be carried out on the site of the existing **Dannhauser, Community Health Centre.**

The Contractor is advised that the existing premises will be occupied throughout the period of the contract, and that the minimum amount of disruption to services is of the utmost importance. Damage to the existing buildings - Bidders to note that any damages done or occurring to any of the buildings will be repaired at the expense of the contractor/ Bidder.

The repairs must be to the satisfaction of the Kwazulu- Natal Department of Health.

Bidders are advised to visit the site prior to tendering and to acquaint themselves with the nature of the work to be done and access to the siting of the existing buildings etc., as no claim whatsoever will be allowed on the grounds of ignorance of the conditions under which the work will be executed.

1.3.7 SATISFACTORY INSTALLATION

The whole of the installation shall be carried out in accordance with the South African Bureau of Standards Code of Practice for the application of National Building Regulations, the KZNPA Standard Preambles to all Trades, the KZNPA General Electrical Specification, the South African Bureau of Standards Code of Practice for the Wiring of Premises SABS 0142 and the Occupational Health and Safety Act and Regulations 85/1993 as amended.

Copies of the KZNPA Standard Preambles to all Trades and the KZNPA General Electrical, Mechanical and Civil Specification are available at the office of the Secretary for Health – KwaZulu-Natal and can be obtained on request.

1.3.8 CERTIFICATE OF COMPLIANCE

On completion of the service, a copy of the "Certificate of Compliance for Electrical Installation" must be submitted to the office of the Secretary for Health: KwaZulu Natal.

1.3.9 GENERAL

The Bidder's / Contractors will be responsible for all masonry work associated with the electrical installation and making good of all work related to the electrical installation. The patching and painting must be to the satisfaction of the KwaZulu-Natal Department of Health.

1. TECHNICAL SPECIFICATION

2.1 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.

3.1 SCOPE OF WORKS

3.2. The work comprises of

3.2.1 Annual service of standby generator Mechanical:

- Replace diesel oil
- Replace all filters
- Wash engine motor and top of base steel tank
- Test all electronic switch gear
- Do the check list as recommended

3.2.2 ANNUAL SERVICE OF PLANT AND EQUIPMENT

- Discussed and approved by the Amajuba District Office. (N/A)

PROVINCE OF KWAZULU-NATAL
DEPARTMENT OF HEALTH

AMA-H-1516008

ANNUAL STANDBY GENERATOOR SERVICE AT DANNHAUSER COMMUNITY HEALTH CENTRE

4. SCHEDULE OF RATES

PREAMBLE TO SCHEDULE OF RATES

Items and Pricing

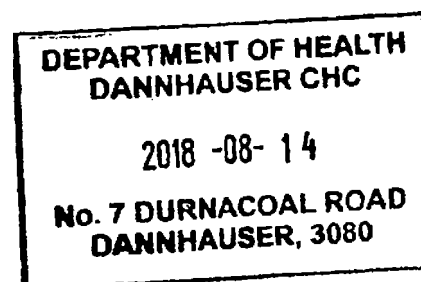
The Department reserves the right to place an order for any quantities of items included in the Schedules. The Schedule of Rates must also not be assumed to include and describe every detail of the supply requirement, but must be taken and read in conjunction with the other parts of the document. Thus the supplier shall not have claim for further payment in respect of any order, which may be described or implied in the contract, although apparently no corresponding items are given in the Schedule of Rates. The supplier shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the contract and of the rates and prices stated in the Schedule of Rates.

Tax and Duties

Prices, tendered and paid, must include all customs, excise and import duties, and any other tariffs or taxes levied by the government or statutory body having jurisdiction on the goods provided under this contract, including Value Added Tax (applicable to the current rate).

Rates

Except where provision is made in the Schedule of Rates, the rates and prices inserted shall be the full rates and prices for the service delivered described under the respective items and shall cover all labour, transport, overhead charges and profit, etc. as well as the general liabilities, obligations and risks arising out of the Conditions of Contract, the overhead charges and profit being spread proportionately over the rates of the relative items in the Schedule of Rates.



5.1 SCHEDULE OF RATES

WORK TO BE DONE AND SCHEDULE OF RATES:

Item	DESCRIPTION	UNIT	QTY	RATE/ UNIT		TOTAL	
				R	C	R	c
	<p>NOTES:</p> <p>All items to be priced fully inclusive of all charges: e.g. labour, plant, profit, etc., but excluding Value Added Tax.</p> <p>The Administration reserves the right to negotiate prices in the Bill of Quantities.</p> <p>All materials used in this contract shall be that which is specified, or other approved.</p> <p>Contractors are advised to visit site to acquaint themselves with the site and the layout of the institution as no claims on the grounds of ignorance of the locality/siting of the institution will be entertained later.</p> <p>Contractors are informed that living on the institutions premises during the contract is not allowed and arrangements for accommodation will have to be allowed for.</p>						
	<p>INSTITUTION : DANNHAUSER COMMUNITY HEALTH CENTRE: ANNUAL STANDBY GENERATOR SERVICE AMA-H-1516008</p>						
	<p>PROPRIETARY ARTICLES:</p> <p>All equipment and material used in this contract is to be that which is specified or other approved by the Department of Health.</p>						
	<p>DANNHAUSER COMMUNITY HEALTH CENTRE</p>						
	<p>Service of Standby Generator Container type: Description: The service of One (1) standby container type diesel generator plant complete as per scope of works attached. 1 x 350 KVA Volvo Diesel type Motor with generator and switch over electronic control panel.</p>						
	<p>Replace Motor Oil (Diesel motor type) as per manufacture specification</p>						
1)	1 x 350 KVA Volvo Diesel Motor	Litre	30				
	Replace Oil filter (Diesel motor type as per Diesel Motor Manufacture specification						
2)	1 x 350 KVA Volvo Diesel Motor	No	1				
	Replace air filter Diesel Motor as per Manufacturer specification						
3)	1 x 350 KVA Volvo Diesel Motor	No	1				
	Contractor need to loosen diesel braided wire supply pipe on top of the diesel tank, loosen nut put in sealer washer, then refit and titan the nut, clean and test for leak, that fit onto the tank pipe (25mm - 30mm thick)						
4)		Item	1				
	Wash/Clean diesel motor down with a approved						

5)	Engine cleaner complete NOTE: Generator to be covered as well as the control panel preventing water to penetrate. Note: cleaning of the base tray beneath the engine as well 1 x 350 KVA Volvo Diesel Motor	item	1				
6)	Dust down the inner parts of the Electrical as well as the electronic control panel	Item	1				
7)	Check all hose water pipes, clamps for the Genset Motor (condition) 1 x 350 KVA Volvo Diesel Motor	Item	1				
8)	Check all electrical wire connections as well as the 2 x battery cables and terminal connections 1 x 350 KVA Volvo Diesel Motor	item	1				
9)	Drain/flush out all water out of the radiator and motor, replace with clean treated Anti- Freeze water. 1 x 350 KVA Volvo Diesel Motor	Item	1				
10)	Test Electrical Switch gear as when the power should trip. Running on load and without load. 30 minutes	Item	1				
11)	Contractor to claim one additional transport trip to inspect the Genset, listing the type of Motor, oil and filters, etc to be used for the diesel engine	Item	1				
12)	Compile a record with all relevant information regarding serial numbers, model, engine type, make of machine. Make of generator, Electronic panel description as well as a list of all filters to be used, the type and make of battery, etc. Note: this record report must be done on the job card and be attached to the invoice. 1 x 350 KVA Volvo Diesel Motor	Item	1				
13)	Contractor need to test heating circulation pump (light show on but water is cold in circular pipe), the purpose are keeping the temperature in the motor to a fixed temperature for starting quickly, Contractor need to do inspection and testing during the additional first inspection visit Note: if there is cost involve for repair a quotation need to be provided	Item	1				
14)	Cleaning of working site:	Item	Item				
15)	Safety plan:	N/A	N/A	N/A		N/A	
16)	Transport from Newcastle to Dannhauser Community Health Centre and back one trip 84km	Km					
17)	Labour (Job card to be produced with invoice)	Hours					
Carried To Collection Summary				PS 1		R	

COLLECTION SUMMARY

AMA-H-1516008

ANNUAL SERVICE OF STANDBY GENERATOR AT DANNHAUSER COMMUNITY HEALTH CENTRE

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

Collection Summary PS 1	R		
Collection Summary PS 2	R	N/A	N/A
SUB-TOTAL "PS 1 and PS 2"	R		
ADD Provision for Value Added Tax Allow 14% of SUB-TOTAL	R		
<u>TOTAL: CARRIED TO TENDER FORM</u>	R		

DEPARTMENT OF HEALTH
DANNHAUSER CHC
2018-08-30
NO. 7 DURNA COAL ROAD
DANNHAUSER, 3080

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DEPARTMENT OF HEALTH
DANNHAUSER CHC
2018-08-30
No. 7 DURNAIGOAL ROAD
DANNHAUSER, 3080

MANUFACTURED BY:

DEDICATED POWER GROUP

CAPACITY: 2650 LITRES

FUEL TYPE: STANDARD DIESEL

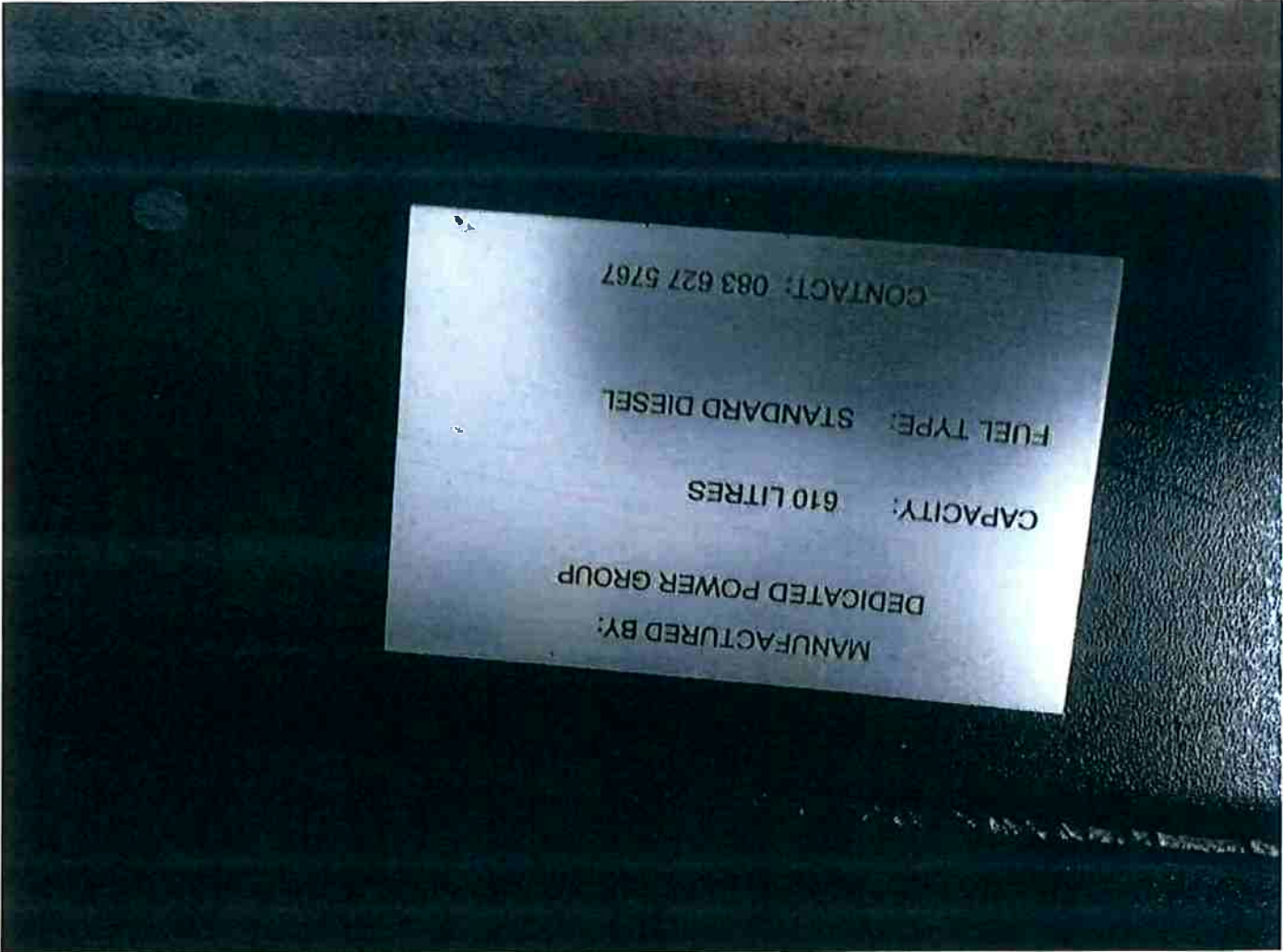
CONTACT: 083 627 5767

DEPARTMENT OF HEALTH
DANNHAUSER CHC
2018-08-30
No. 7 DURNA COAL ROAD
DANNHAUSER, 3080



Filter need to
be replaced.

DEPARTMENT OF HEALTH
DANNHAUSER CHC
2018-08-30
No. 7 DURNAKOAL ROAD
DANNHAUSER, 3080



MANUFACTURED BY:
DEDICATED POWER GROUP
CAPACITY: 610 LITRES
FUEL TYPE: STANDARD DIESEL
CONTACT: 083 627 5767

→ FRANK 202

DEPARTMENT OF HEALTH
DANNHAUSER CHC
2018-08-30
No. 7 DURRACOAL ROAD
DANNHAUSER, 3080

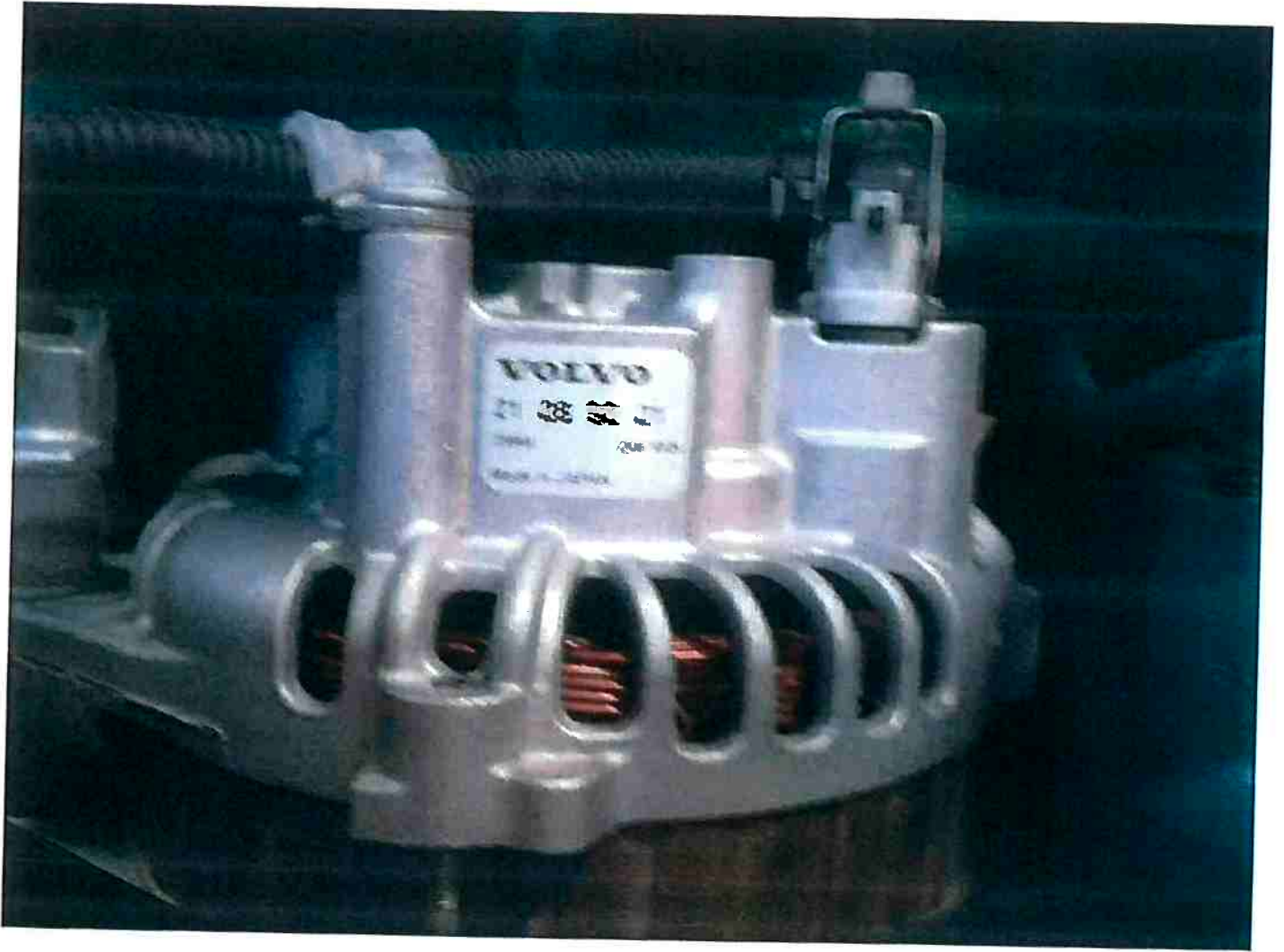


Generator

DEPARTMENT OF HEALTH
DANNHAUSER CHC
2018-08-30
No. 7 DURNA COAL ROAD
DANNHAUSER, 3080



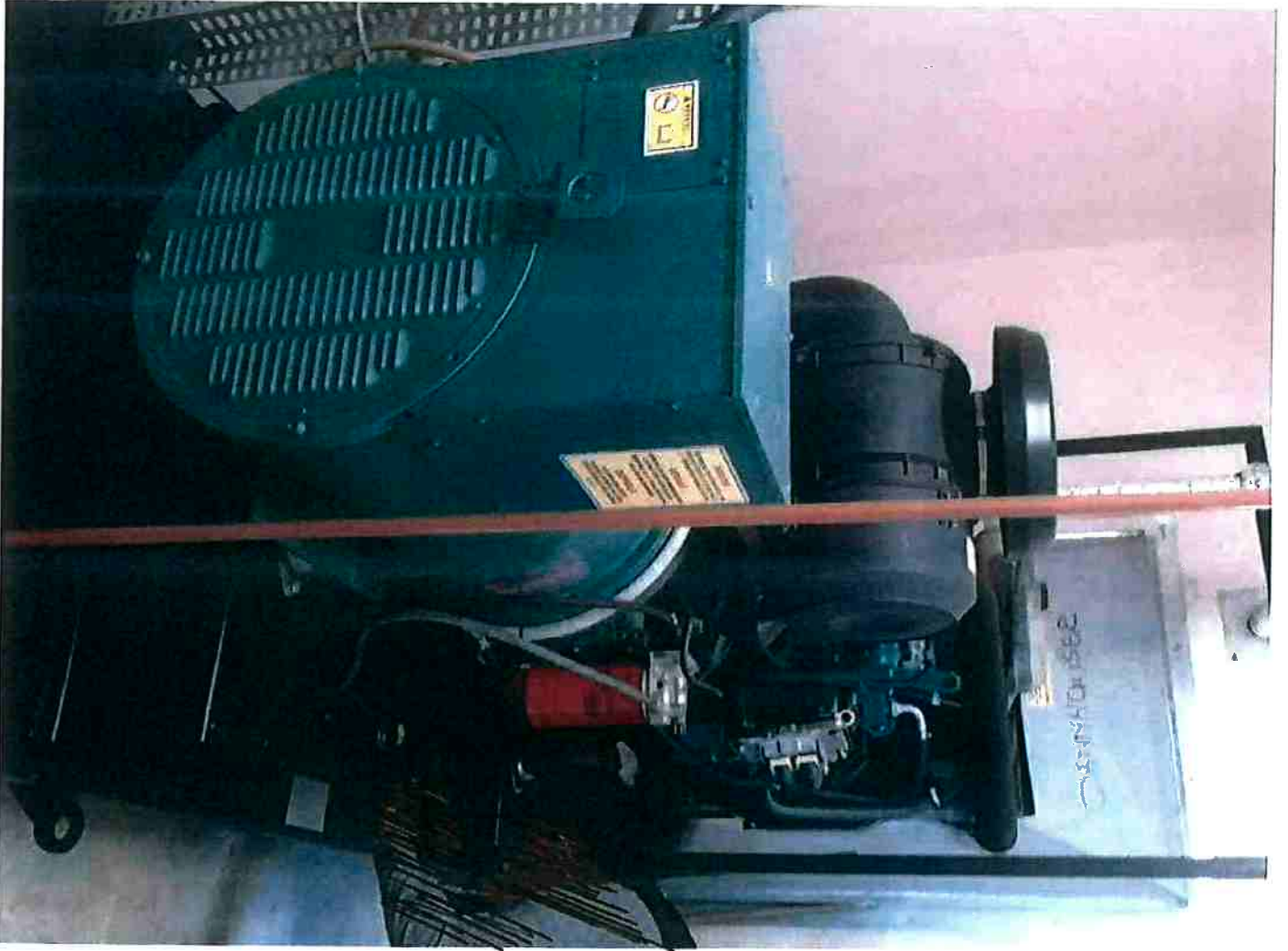
DEPARTMENT OF HEALTH
DANNHAUSER CHC
2018-08-30
No. 7 DURNA COAL ROAD
DANNHAUSER, 3080



DEPARTMENT OF HEALTH
DANNHAUSER CHC

2018-08-30

No. 7 DURNA COAL ROAD
DANNHAUSER, 3080



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

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- 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					
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 and 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 re-move/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.

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 _____

- 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.

RETURNABLE

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

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

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Upon arrival on site: Explain procedures to be followed.

WORK METHOD STATEMENT

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

RETURNABLE

Contractors Company Stamp:

Name of Contractor:

Signature of Contractor:

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

RETURNABLE

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 is 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.

Name & Signature
 Laboratory Technician

Date: _____

Company Stamp

RESULT: PASS / FAIL (circle relevant item)

Diagnosis / Remarks

% Recovery

Temperature °C	IBP								
	180								
	200								
	220								
	240								
	260								
	280								
	300								
	320								
	340								
	360								
	380								

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

Distillation Data

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

Distillation & Graph

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

Visual Inspection / Additional Tests

Sample No:	Results	Units	Limits	Comments
SANS 342:2006 Specification				
Density @ 20°C (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				

Test Results

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

ANNEXURE A

Mr. J. J. J.

- Notes to Contractors – Page 2
- Schedule of Prices – Page 3
- Technical requirements – Page 4
- Scope of Work – Page 5-6
- Confirmation of Compliance – Page 6
- Work Method Statement – 7-8
- *RETURABLE*
- Permission to Commence Work / Control Sheet Checklist – Page 9
- Fuel Analysis Report – Page 10-11

Index

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 dis-qualification of this bid. Please note documents marked as **RETURNAABLE** must be submitted with all other relevant documentation.
- The Kwazulu-Natal Department of Health Infrastructure Development Directorate re-serves 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.

Institution to strike through sections that are not applicable

SCHEDULE OF PRICES

RETURNABLE

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 Tank (in Litres)	Day Tank Fuel Capacity (in Litres)	Current fuel level of Day Tank (in Litres)	Total Price	
1	Generator No. 1					
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.

SCOPE OF WORK:

RETURNABLE

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/mediate 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.

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 _____

- 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.

RETURNABLE



(Greeno CF Clinic Generator)

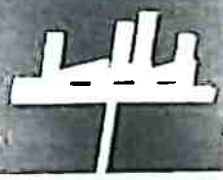
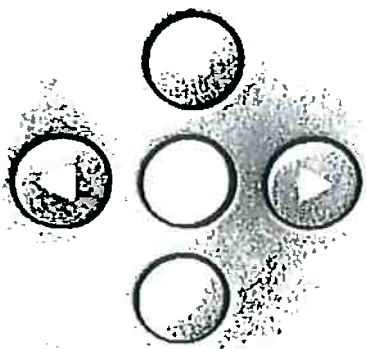


DEEP SEA ELECTRONICS

MODEL 7200

81000 7.2
Generator at Rest
Auto Mode

Engine RPM
Engine Voltage
Engine Current
Engine Temp



Marelli Motori

TECHNICAL SPECIFICATIONS

MODEL: M283
SERIAL: 283

MHM02805

MXE2202L0000M0

MXB-E 225 XA4

WEIGHT KG

283

P 23

H

0.8

Y V A Hz RPM

Vol. A. L. T.

A 70

400 Y

101

80

1800

29.7

3.0 H

VA 70

200 Y

202

80

1800

29.7

3.0 H

VA 88

480 Y

108

80

1800

29.7

3.0 H

VA 88

240 Y

212

80

1800

29.7

3.0 H

VA 77

400 Y

111

80

1800

29.7

3.3 H

XVA 88

480 Y

118

80

1800

29.7

3.3 H

Model	Weight (kg)	Power (P)	Speed (RPM)	Voltage (Vol.)	Current (A)	Efficiency (%)
MXE2202L0000M0	283	P 23	80	1800	29.7	3.0
MXB-E 225 XA4	283	P 23	80	1800	29.7	3.0
MHM02805	283	P 23	80	1800	29.7	3.0

CONTROL INFORMATION



ENGINE

FAMILY: 1103A — 33T
EQUIPMENT: 3.30

MODEL YEAR: 2020 LIST NUMBER: DK83403S
SERIAL NUMBER: DK83403S029671F

Factory
See
A2500

INFORMATION APPLICABLE TO EU ONLY

(EM-EXP) ENGINE NOT FOR USE IN EU NON-ROAD MOBILE MACHINERY

INFORMATION APPLICABLE TO USA ONLY

THIS IS SOLELY FOR EXPORT AND IS THEREFORE
EXEMPT UNDER 40 CFR 1068.230 FROM U.S.
EPA EMISSION STANDARDS AND RELATED REQUIREMENTS.

INFORMATION APPLICABLE TO CHINA

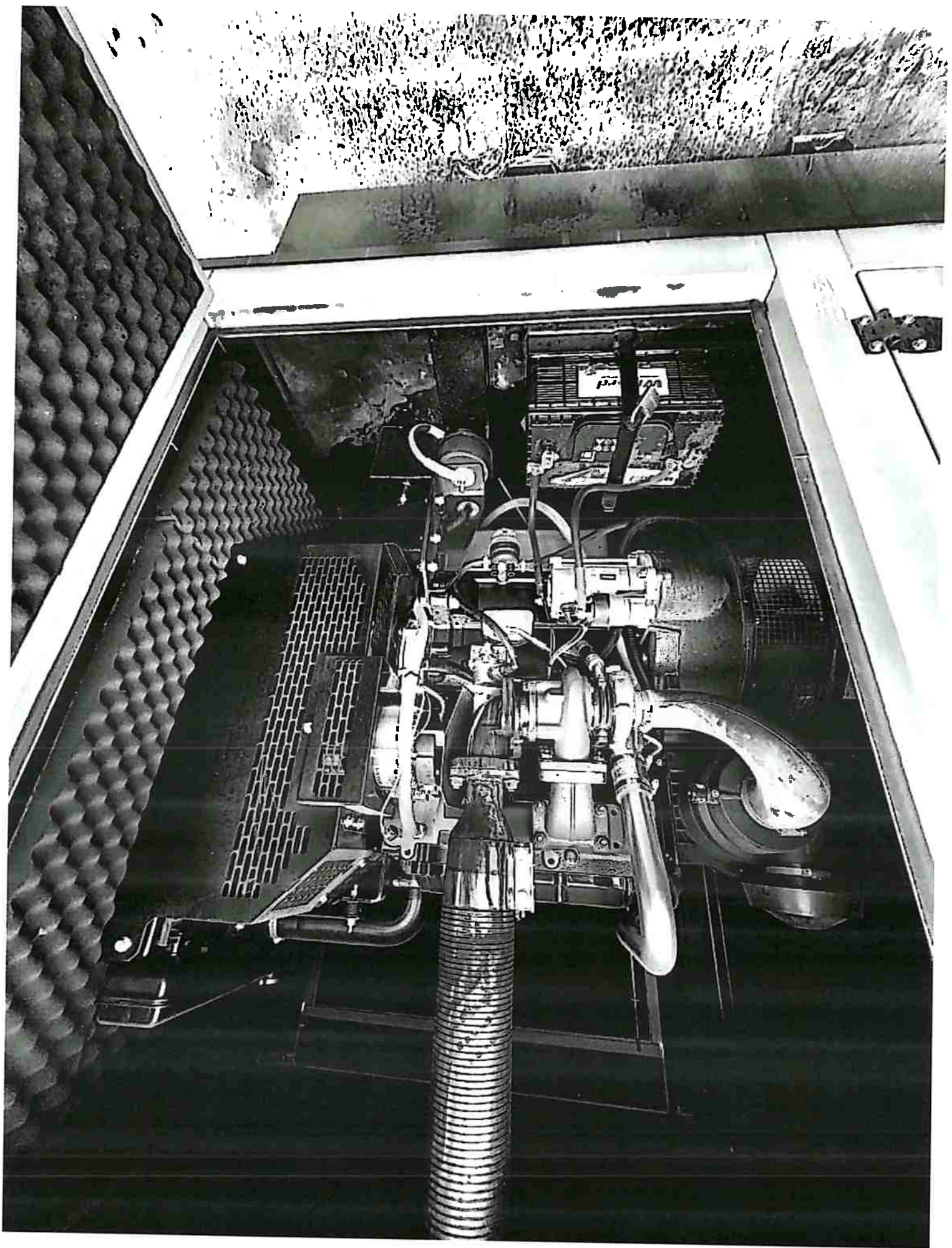
本设备自中国出口，符合中华人民共和国国家标准GB20891-2014豁免规定。This engine is exempt for export from
therefore exempt under GB20891-2014 from P.R. China emission standards.

POSITION:

Serviced 23.12.2021

1000 l





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

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WORK METHOD STATEMENT

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

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Name of Contractor: _____

Signature of Contractor: _____

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Permission to Commence Work / Control Sheet Checklist

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Signature: _____

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SANS 17025: 2005

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

Tank Serial / Reference Number: _____

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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: _____

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Office of the Director - KZN Department of Health: Infrastructure Development – Maintenance and Engineering sub-directorate.

Greeno Ct Clinic Generator



Marelli Motori
inspired solutions

EN 60034-1
IEC 60034-1

AC GENERATOR		SERIAL N.	MHM03523	
TYPE	MXB-E 225 XA4	WEIGHT kg	283	PHASE
CODE	MXE2202L0000M0	IP	23	INS CL
V		A	Hz	RPM
V ex		A ex	A ex	Δ T
S1 CONTINUOUS DUTY - AMB. T. 40 °C				
KVA 70	400 Y	101	50	1500
KVA 70	200 Y	202	50	1500
KVA 88	480 Y	106	60	1800
KVA 88	240 Y	212	60	1800
STAND BY DUTY - AMB. T. 27 °C				
KVA 77	400 Y	111	50	1800
KVA 77	480 Y	115	60	1800
KVA 96				

CONTACT POINT: P.O. BOX 60 - ARZIGNANO1 - VI - ITALY



