



**TENDER DOCUMENT**

**FOR**

**BID NO: SCMU3-23/24-0740-HO SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)**

**THREE VOLUME APPROACH:**

**VOLUME 1 – TENDERING PROCEDURES**

**VOLUME 2 – RETURNABLE DOCUMENTS**

**VOLUME 3 – DRAFT CONTRACT**

**PREPARED FOR:**

Eastern Cape Department of Health  
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P.O. Box X0038  
BHISHO  
6505

**PREPARED BY:**

Zutari (Pty) Ltd  
No 1 Pearce Street  
P.O. Box 19553  
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5214

**NAME OF SUPPLIER:** \_\_\_\_\_

**CRS NUMBER:** \_\_\_\_\_

\_\_\_\_\_

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**FEBRUARY 2024**

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# **VOLUME 1: TENDERING PROCEDURES**

# **T1.1: TENDER NOTICE AND INVITATION TO SUPPLIER**

**T1.1: TENDER NOTICE AND INVITATION TO SUPPLIER  
THE EASTERN CAPE DEPARTMENT OF HEALTH INVITES SUPPLIERS  
FOR:**

PROJECT NAME	SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-23/24-0740-HO

*Any reference to words “Bid” or Bidder” herein and/or in any other documentation shall be construed to have the same meaning as the words “Supplier” or “Tender”.*

The attention of Suppliers is drawn to the eligibility criteria in the table below. Suppliers are required to familiarize themselves thoroughly with the conditions of Supplier as contained in the Supplier Data (T1.2) and the Standard Conditions of Supplier (T1.3) which form part of the Supplier document. Only Suppliers that are responsive to responsiveness criteria contained in the table below are eligible to have their Suppliers evaluated:

<input checked="" type="checkbox"/>	<p><u>Joint ventures are eligible to submit tenders provided that:</u></p> <p>They have a signed joint venture agreement</p>
<input checked="" type="checkbox"/>	<p>Only Suppliers who have access to a suitably qualified and experienced contract manager who will be the single-point of accountability and responsibility for the management of the contract works as described in clause F.2.1.2 shall be eligible to have their Tenders evaluated. <b>Experience must be on Generator Maintenance or installation.</b></p>
<input checked="" type="checkbox"/>	<p>Only Suppliers who have access to a suitably qualified and experienced contract supervisor as described in clause F.2.1.3 shall be eligible to have their Tenders evaluated. <b>Experience must be on Generator Maintenance or installation.</b></p>
<input checked="" type="checkbox"/>	<p>Suppliers that are responsive to the criteria stated above shall be evaluated further in accordance with the conditions of Supplier as stipulated in the Tender Data (T1.2) and the Standard Conditions of Tender (as amended), which form part of this Tender document.</p>

Preferences are offered to Suppliers in accordance with the points systems as below:

<input checked="" type="checkbox"/> 80/20 Preference point scoring system
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Preference:		Price:	
SPECIFIC GOALS Status Level:	20 Points	Price:	80 Points
Total must equal:	<b>20 Points</b>	Total must equal:	<b>80 Points</b>

a. **AVAILABILITY OF SUPPLIER DOCUMENTS:**

Tender documents may be freely downloaded from Tender portal [www.ehealth.gov.za/tenders](http://www.ehealth.gov.za/tenders) OR [www.etenders.gov.za](http://www.etenders.gov.za)

A compulsory clarification meeting with the representatives of the Employer will take place as follows:

**Date: 19 March 2024**  
**Venue: Johan Tremble Hall, Frere Hospital,**  
**Amalinda**  
**East London**  
**Time: 9:00am - 10:00am**

b. **ENQUIRIES RELATED TO TENDER DOCUMENTS MAY BE ADDRESSED TO:**

<b>Procurement Contact:</b>	<b>Ms Thabisa Notshe</b>	<b>E-mail</b>	<a href="mailto:thabisa.notshe@ehealth.gov.za">thabisa.notshe@ehealth.gov.za</a>
<b>Tel. No.</b>	<b>040 608 9641</b>		

Prospective bidders are required to seek additional information through inquiries no later than 7 days before the closing date.

**c. DEPOSIT / RETURN OF TENDER DOCUMENTS:**

The closing time and date for submission of Tender is **11:00am** on the **12 April 2024** where Tenders will be opened to the public. The following must be noted by all Suppliers;

- (a) Telegraphic, telephonic, telex, facsimile (faxed), email and late Tenders will not be accepted.
- (b) The requirements for sealing, addressing, delivery, opening and assessment of Tenders are stated in the Tender Data (T1.2)
- (c) All Suppliers must be submitted on the official, hardcopy documents issued with the bid including any addenda issued to prospective Suppliers by the Department.
- (d) Tender documents must be deposited in the Tender box at the address indicated below:

**DEPOSITED IN THE TENDER BOX AT:**  
Department of Health  
Global Life Centre,  
SCM Unit  
c/o Phalo Avenue and R63 (opposite Engen Garage)  
BHISHO

**COMPILED BY:**

<b>Section</b>	<b>Department</b>	<b>Date</b>
<b>Engineering and Technical Services</b>	Zutari (Pty) Ltd	February 2024



## **T1.2: TENDER DATA**

## T1.2: TENDER DATA

PROJECT NAME	SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-23/24-0740-HO

Clause number	
	<p>The conditions of Supplier are the Standard Conditions of Supplier as contained in Annex F of Board Notice 136 of 2015 in Government Gazette No. 38960 of 10 July 2015, Construction Industry Development Board (CIDB) Standard for Uniformity in Construction Procurement. (See www.cidb.org.za) which are reproduced without amendment or alteration for the convenience of Suppliers as an Annex to this Tender Data.</p> <p>The Standard Conditions of Supplier make several references to the tender Data for details that apply specifically to this Tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of Supplier. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Supplier to which it mainly applies.</p> <p><b>The following variations, amendments and additions to the Standard Conditions of Supplier as set out in the Tender Data below shall apply to this Supplier:</b></p>
F.1.1	<p><i>Add the following:</i></p> <p>The employer is the Eastern Cape Department of Health Global Life Center c/o R63 and Phalo Avenue Bhisho</p>
F.1.2	<p><i>Add the following:</i></p> <p>Tender documents issued by the Employer comprise of:</p> <p><b><u>Volume 1: Tendering Procedures</u></b></p> <p>T1.1 Tender Notice and Invitation to Supplier T1.2 Tender Data T1.3 Annex F: CIDB Standard Conditions of Tender</p> <p><b><u>Volume 2: Returnable Documents</u></b></p> <p>SBD1 Invitation Bid: Part A and B SBD4 Declaration of Interest SBD6.1 Preference Points Claim Form in Terms of the Preference Regulations 2022 T2.2r Compulsory Enterprise Questionnaire T2.1 List of Returnable Schedules/Documents</p> <p>C1.1a Final Summary Page</p> <p>C2.2: Preliminaries and General &amp; Bills of Quantities T2.2a Resolution of Signatory T2.2b Resolution of Board of Directors to Enter into Consortium or Joint Venture (JV) Agreements T2.2c-1 Schedule of Proposed Subcontractors T2.2c-2 Schedule of Proposed Particulars of Mechanical and Electrical Subcontractors T2.2e Schedule of Proposed Imported Material and Equipment T2.2f Bank Rating T2.2g Specific goals claimed (CIPRO certificate) T2.2n Record of Addenda to Supplier Documents T2.2y Proof of Registration with Centralized Supplier Database T2.2u CIDB grading certificate – Proof of registration T2.2v CIPC – company registration certificate T2.2x References T2.2z Valid Letter of Good Standing</p>

T2.3 Returnable schedules or documents: Annexures related to evaluation.

Annexure A1: Method Statement (Generic)

Annexure A2: Method Statement (Summary Task)

Annexure A3: Method Statement (Programme with Timelines and Resources)

Annexure B1: Key personnel qualifications (Maintenance Manager)

Annexure B2: Key personnel qualifications (Maintenance Supervisor)

Annexure B3: Key personnel qualifications (OHS Safety officer)

Annexure B4: Key personnel qualifications (Skilled installation/maintenance staff)

Annexure B5: Proof of business address

Annexure C1: Key personnel experience (Maintenance Manager)

Annexure C2: Key personnel experience (Maintenance Supervisor)

Annexure C3: Key personnel experience (OHS Safety officer)

Annexure C4: Key personnel experience (Skilled installation/maintenance staff)

**Volume 3: The Draft Contract**

**Part C1: Agreement and Contract data**

C1.1: Form of offer and Acceptance

C1.2: Contract Data

C1.3: Fixed Performance Guarantee

C1.4: Agreement in terms of section 37(2) of the OH&S Act (Act no 85 of 1990)

**Part C2: Pricing Data**

C2.1: Pricing Instructions

C2.2: Bills of Quantities

**Part C3: Scope of Works**

C3.1: Scope of Works

**Part C4: Site Information**

C4.1: Site Information as per Scope of Works

F.1.4	<p><i>Add the following:</i></p> <p>The employer's agent:</p> <p>Zutari (Pty) Ltd</p>
F1.6.1	<p><i>Add the following to the clause:</i></p> <p>The Department reserves the right to not accept the tender from the tenderer with the highest number of points, or award any contract.</p>
F1.6.3	<p><i>Add the following:</i></p> <p>A two-stage system will not be followed.</p>
F.2.1	<p><i>Add the following:</i></p> <p>1. Only those Tenderers who satisfy the following eligibility criteria are eligible to submit tenders:</p> <p>a) 1 Tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in ac Contractor grading designation equal to or higher thana Contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations, for <b>Class ME or EB , Grade 6 ME PE / 6 EB PE</b> or higher construction work, are eligible to have their tenders evaluated.</p> <p>b) Joint ventures are eligible to submit tenders provided that:</p> <ul style="list-style-type: none"> <li>• Every member of the joint venture is registered with the CIDB;</li> <li>• The lead partner has a Contractor grading designation in <b>Class ME or EB, Grade 6 ME PE/ 6 EB or higher</b> construction work;</li> <li>• The combined Contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal or higher than the a Contractor grading designation determined in accordance with the sum tendered for <b>Class ME or EB, Grade 6 ME PE / 6 EB or higher construction</b> work or a value determined in accordance with Regulations 25 (1B) or 25 (7A) of the Construction Industry Development Regulations; and</li> <li>• The joint venture is registered on Central Supplier Database or proof of application</li> <li>• All members of the joint venture must submit copies of the returnable documentationsor original where it is so stipulated for all members.</li> <li>• In the case of a Partnership/Joint Venture/Consortium the tax clearance must be the Partnership/Joint Venture/Consortium or individual valid tax clearance certificates forall the members of the Partnership/Joint Venture/Consortium.</li> <li>• In the case of a Partnership/Joint Venture/Consortium the CIPRO certificates must besubmitted indicating percentage of ownership for specific goals points scoring, failing which the tenderer will score zero points.</li> <li>• The partner of the JV must be registered with CIDB with a grading that is not lowerthan one level of the required grading.</li> </ul>

F2.2	<p>Add the following to the clause:</p> <p>Accept that the Employer will not compensate the Tenderer for any costs incurred in attending briefing session, negotiation meetings or any meeting or interviews in the office of the Employer or Employer's agent (if required).</p>
F.2.7	<p>For particulars regarding a pre-Tender site inspection meeting, see Tender Notice and Invitation to Supplier T1.1</p> <p>“ A compulsory briefing session will be held and no compensation will be paid for attendance at this meeting. Tenderers must be represented by a person who is suitably qualified and experience to comprehend the extent of the work involved and who is at the employ of the prospective tenderer.</p> <p>The tenderer's representative must sign the attendance register in the name of the tendering entity. Addenda will be issue to and tenders will be received only from those tendering entities appearing in the attendance register of the briefing session.”</p>
F.2.12	<p>No alternative tenders are allowed.</p>

F.2.13.2	<i>Replace sub-clause F.2.13.2 with the following:</i> Return all returnable documents to the employer after completing them in their entirety by writing in <b>non-erasable ink</b>
F.2.13.3	<i>Add the following:</i> Parts of each Supplier offer communicated on paper shall be submitted as an original, plus 0 (nought) copies.
F.2.13.4	<i>Add the following:</i> The Supplier shall be signed by a person duly authorized to do so. Tenders submitted by joint ventures of two or more firms shall be accompanied by the document of formation of the joint venture, in the form of a joint venture agreement, in which it is defined precisely the conditions under which the joint venture will function, its period of duration, the persons authorized to represent and obligate it, the participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. Failure to provide the joint venture agreement, bound with the Supplier submission, on the date and time of the closing of the bid, shall render the Supplier non-responsive.
F.2.13.5	<i>Add the following:</i> The employer's address for delivery of Supplier offers and identification details to be shown on each Supplier offer package are:  <b>Location of Supplier box:</b> Department of Health <b>Physical address:</b> Eastern Cape Department of Health Global Life Center, SCM Unit c/o Phalo Avenue and R63 Bhisho <b>Identification details:</b> Tender No. SCMU3-23/24-0740-HO <b>Title of Supplier: SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b> Sealed Tender with the identification details on the envelope must be placed in the appropriate official Tender box at the abovementioned address
F.2.13.6	<i>Add the following:</i> A two-envelope procedure will not be followed.
F2.13.9	Telephonic, telegraphic, telefax, facsimile or e-mailed tender offers will not be accepted.
F.2.13.10	<i>Add the following:</i> By signing the offer part of C1.1 Form of Offer and Acceptance the Supplier declares that all information provided in the Supplier submission is correct and free of misrepresentation.
F.2.15.1	<i>Add the following to F.2.15.1:</i> The closing time for submission of Supplier offers is as stated in the Tender Notice and Invitation to Supplier. Telephonic, telegraphic, telex, facsimile or e-mailed Supplier offers will not be accepted.
F.2.16.1	<i>Add the following to F.2.16.1:</i> The Supplier offer validity period is <b>12 weeks.</b>
F.2.17	<i>Insert the following at the end of the last sentence of the note:</i> “.....elect to do so, provided that the competitive position of the preferred Supplier is not affected”

	A Supplier may be rejected as non-responsive if the Supplier fails to provide any clarification requested by the employer within the time for submission stated in the employer's written request for such clarification. The clarification of a Supplier offer includes the provision of the priced bills of quantities (Part C2.2: Bills of Quantities).
F.2.18	<i>Add the following:</i>  The tenderer will be required to submit his fully priced Bills of Quantities (complete document inclusive of all parts) together with this tender.
F.3.4	<i>Add the following:</i> The opening of the tender offers will take place immediately after the closing time of tenders.

F.3.8	<p><i>Add the following:</i></p> <p>Suppliers will be considered non-responsive if, inter alia:</p> <ul style="list-style-type: none"> <li>c) the Supplier has failed to attend the compulsory briefing meeting.</li> <li>d) the Supplier is submitted by Telegraphic, telephonic, telex, facsimile (faxed) or email media or if the Supplier is submitted late.</li> <li>e) the Supplier does not comply with the eligibility criteria listed in F2.1 above;</li> <li>f) The resolution for signatory is not attached to the Supplier submission on a company letterhead.</li> <li>g) the Supplier has failed to fully complete and sign SBD1, SBD4 &amp; the Compulsory Enterprise Questionnaire. Failure to submit the required information shall be subjected to a request from SCM to the bidder to submit the required information within 7 days of the request. Failure to comply with such request will result in the bid being deemed non-responsive</li> </ul>
F.3.11.1	<p><i>Add the following:</i></p> <p>This is a two-stage evaluation process:</p> <ul style="list-style-type: none"> <li>Stage 1: Administrative compliance and mandatory requirements</li> <li>Stage 2: Evaluation for price and preference</li> </ul> <p>The following procedure will be used to evaluate tender offers received:</p> <ul style="list-style-type: none"> <li>a) Open and record tender offers received</li> <li>b) Determine whether or not tender offers are complete.</li> <li>c) Determine whether or not tender offers received are responsive, and reject non-responsive tenders.</li> <li>d) Score tender evaluation points for each price</li> <li>e) Confirm that tenderers are eligible for the preferences claimed and, if so, score tender evaluation points for preferencing.</li> <li>f) Calculate total tender evaluation points</li> <li>g) Rank tender offers from the highest number of tender evaluation points to the lowest.</li> <li>h) Perform a risk analysis on the tenderer having the highest ranking/number of points to ascertain if the submission presents an acceptable risk to the employer.</li> <li>i) Recommend the tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.</li> <li>j) In the event where the recommended Bidder has failed to comply with the conditions as set out in the letter of award, the client shall notify the recommended Bidder of his/her failure to comply and recommend for award the next bidder that scored the highest points. The Conditions as set out in the letter of award are as follow: <ul style="list-style-type: none"> <li>1. Proof of having All risk, public liability and support insurances as stipulated in the contract.</li> <li>2. Submission of a Construction Safety, Health and Environmental Plan.</li> <li>3. Contract Guarantee (as selected in the tender document)</li> </ul> </li> <li>k) An appointment letter/acceptance letter does not constitute a contract or commencement date of a contract. The recommended Bidder is required to sign an official contract with the Department.</li> </ul> <p>The Employer shall in the evaluation of tender offers take due account of the Tenderer's past performance in the execution of similar engineering works of comparable magnitude, and the degree to which possesses the necessary technical, financial and other resources to enable him to complete the Works successfully with the contract period. The tenderer shall be required to satisfy the Employer and the Engineer as to his ability to perform and complete the Works timeously, safely and with satisfactory quality, and furnish details in section T2.2z of contracts of a similar nature and magnitude which they have successfully executed in the past.</p>



The Employer is restricted in accordance with clause 7.(c)(iii) of the Construction Regulations, 2014, to only appoint a contractor to whom he is satisfied has the necessary competencies and resource to carry out the work safely.

Submitting inferior and inadequate information relating to health and safety shall be regarded as justifiable and compelling reasons not to accept the tender offer of the tenderer scoring the highest number of tender evaluation points.

F.3.11.3	<p>The procedure for the evaluation of responsive tenders is <b>Method 3: Administrative compliance, Price and Specific Goals</b></p> <p><u>Equipment Functionality – Technical Compliance Verification</u></p> <p>The bidder is required to provide details pertaining to standby generator experience as detailed in the specifications. The compliance of the equipment with the scope of work and specification will be evaluated.</p>
F.3.11.7	<p><i>Add the following:</i></p> <p>The financial offer will be scored using <b>Formula 2 (Option 1):</b></p> $N_{FO} = (1 - (P - P_M) / P_M) \times W_1$ <p>Where.</p> <p><math>N_{FO}</math> = number of Supplier evaluation points awarded for financial offer  <math>W_1</math> = the maximum possible number of Supplier evaluation points Tender  <math>P_M</math> = the comparative offer of the most favorable Supplier offer  <math>P</math> = the comparative offer of the Supplier offer under consideration</p>
F.3.11.8	<p>Up to 100 minus <math>W_1</math> (refer F.3.11.7 above) Supplier evaluation points will be awarded to Suppliers according to their SPECIFIC GOALS status level, determined in accordance with section 9(1) of the Broad-Based Black Economic Empowerment Act (No 53 of 2003), and who have submitted original valid or valid, certified copies of SPECIFIC GOALS status verification certificates issued by either a verification agency accredited by the South African Accreditation System (SANAS) or a sworn affidavit in terms of the amended SPECIFIC GOALS codes. The points will be awarded as follows, based on the SPECIFIC GOALS status level of the Supplier:</p>

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Historically Disadvantaged Individuals Ownership	20% (4)	
Women Ownership	20% (4)	
Youth Ownership	20% (4)	
Disability Ownership	20% (4)	
Military Veterans Ownership	10% (2)	
Locality Ownership (Eastern Cape)	10% (2)	
TOTAL	100% (20)	
<p>A trust, consortium or joint venture will qualify for points for their SPECIFIC GOALS status level as a legal entity, provided that the entity submits their SPECIFIC GOALS status level certificate. A trust, consortium or joint venture will qualify for points for their SPECIFIC GOALS status level as an unincorporated entity, provided that the entity submits their consolidated SPECIFIC GOALS scorecard as if they were a group</p>		

## Bank Rating

<p>Bank Rating Certificate</p> <p><b>Annexure F as per returnable list</b></p>		<p><b>Bank rating of A:</b> Undoubted for the amount of enquiry – Good to do business with</p>	<p><b>Annexure F as per returnable list</b> Bank rating certificate issued by the bank.</p>
		<p><b>Bank rating of B:</b> Good for the amount of the enquiry – Amount is well within the capacity of ordinary business commitments</p>	<p><b>Annexure F as per returnable list</b> Bank rating certificate issued by the bank.</p>
		<p><b>Bank rating of C:</b> Good for amount quoted if strictly in the way of business – Unlikely to commit themselves beyond their means</p>	<p><b>Annexure F as per returnable list</b> Bank rating certificate issued by the bank.</p>

F.3.11.10	<p><i>Add the following new sub-clause:</i></p> <p>The Employer will perform a risk analysis in respect of the following:</p> <ul style="list-style-type: none"> <li>a) reasonableness of the financial offer</li> <li>b) reasonableness of unit rates and prices</li> <li>c) the Suppliers ability to fulfil its obligations in terms of the tender document, that is, that the Supplier can demonstrate that he/she possesses the necessary professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience, reputation, personnel to perform the contract, etc.</li> </ul>
F.3.13.1	<p>Supplier offers will only be accepted if:</p> <ul style="list-style-type: none"> <li>a) the Supplier is registered and in good standing with the South African Revenue Service (SARS) or proof that he or she has made arrangement with SARS to meet his or her outstanding tax obligations. This will be verified by the Employer on the Centralized Supplier Database. Where the recommended bidder is not tax compliant, the bidder will be notified of the non-compliant status and be granted seven (7) working days to rectify their compliance status with the SARS. The bidder must thereafter provide the Department with proof of its tax compliance which must be verified via the CSD or eFiling.</li> <li>b) the Supplier or any of its directors is not listed on the Register of Supplier Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;</li> <li>c) the Supplier or any of its directors is not listed on the Database of Restricted Suppliers kept by the National Treasury and updated from time to time;</li> <li>a) the Supplier has not: <ul style="list-style-type: none"> <li>• abused the Employer’s Supply Chain Management System;</li> <li>b) The Supplier has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the Supplier’s ability to perform the contract in the best interests of the employer or potentially compromise the Supplier process.</li> </ul> </li> </ul>
F.3.17	<p><i>Add the following:</i></p> <p>The number of paper copies of the signed contract to be provided by the Employer is one.</p>

F.4	<p><b>ADDITIONAL CONDITIONS OF TENDER</b></p> <p>The additional conditions of Tender are:</p>
F.4.1	<p><b>Invalid Tender</b></p> <p>Suppliers shall be considered invalid and shall be endorsed and recorded as such in the Supplier opening record, by the responsible official who opened the Tender, in the following circumstances:</p> <ol style="list-style-type: none"> <li>1) if the Supplier offer is not submitted on the Form of Offer and Acceptance bound into this Tender document (form C1.1, Part C1: Agreements and Contract Data);</li> <li>2) if the Form of Offer and Acceptance has not been completed or has not been signed by the authorized representative of the Supplier</li> <li>3) if the Form of Offer and Acceptance is signed, but the name of the Supplier is not stated or is indecipherable</li> <li>4) if the Supplier offer is not completed in non-erasable ink;</li> </ol>
F.4.2	<p><b>Negotiations with preferred Suppliers</b></p> <p>The Employer may negotiate the final terms of a contract with Suppliers identified through a competitive Supplying process as preferred Suppliers provided that such negotiation:</p> <ol style="list-style-type: none"> <li>(b) does not allow any preferred Supplier a second or unfair opportunity;</li> <li>(c) is not to the detriment of any other Supplier; and</li> <li>(d) does not lead to a higher price than the Supplier as submitted.</li> </ol> <p>Minutes of any such negotiations shall be kept for record purposes</p>
F.4.3	<p><b>General supply chain management conditions applicable to Supplier</b></p> <p>In terms of its Supply Chain Management Policy the Employer may not consider a Supplier unless the provider who submitted the Supplier:</p> <ol style="list-style-type: none"> <li>1. has furnished the Employer with that provider's: <ul style="list-style-type: none"> <li>• full name;</li> <li>• identification number or company or other registration number; and</li> <li>• tax reference number and VAT registration number, if any;</li> </ul> </li> <li>2. has indicated whether: <ul style="list-style-type: none"> <li>• the provider is in the service of the state, or has been in the service of the state in the previous twelve months;</li> <li>• the provider is not a natural person, whether any of the directors, managers, principal shareholders or stakeholders is in the service of the state, or has been in the service of the state in the previous twelve months; or</li> <li>• whether a spouse, child or parent of the provider or of a director, manager, shareholder or stakeholder referred to above is in the service of the state, or has been in the service of the state in the previous twelve months.</li> </ul> </li> </ol> <p>Irrespective of the procurement process followed, the Employer is prohibited from making an award to:</p> <ul style="list-style-type: none"> <li>• a person who is in the service of the state;</li> <li>• a juristic entity of which any director, manager, principal shareholder or stakeholder is in the service of the state;</li> <li>• an advisor or consultant contracted with the Employer; or</li> <li>• a person, advisor or corporate entity involved with the tender specification committee, or a director of such corporate entity.</li> </ul> <p>In this regard, Suppliers shall complete Returnable Schedules: Compulsory Enterprise Questionnaire. Failure to complete this schedule will result in the Supplier not being considered further.</p>

F.4.4	<p><b>Combating abuse of the Supply Chain Management Policy</b></p> <p>In terms of the its Supply Chain Management Policy, the Employer may reject the Supplier of any Supplier if that Supplier or any of its directors has:</p> <ol style="list-style-type: none"> <li>1. failed, during the last five years, to perform satisfactorily on a previous contract with the Employer or any other organ of state after written notice was given to that Supplier that performance was unsatisfactory;</li> <li>2. abused the supply chain management system of the Employer or has committed any improper conduct in relation to this system;</li> <li>3. been convicted of fraud or corruption during the past five years;</li> <li>4. will fully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or</li> <li>5. been listed with the Register of Supplier Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004) or has been listed on National Treasury’s database as a person or juristic entity prohibited from doing business with the public sector.</li> </ol> <p>In this regard, Suppliers shall complete Part T2.2: Returnable Schedules: Certificate of Independent Supplier Determination and Declaration of Supplier’s Past Supply Chain Management Practices. Failure to complete these schedules will result in the Supplier not being considered further.</p>
F.4.6	<p><b>Claims arising after submission of Supplier</b></p> <p>No claim for any extras arising out of any doubt or obscurity as to the true intent and meaning of anything contained in the Conditions of Contract, Scope of Work and Pricing Data, will be admitted by the Employer after the submission of any Tender and the Supplier shall be deemed to have:</p> <ul style="list-style-type: none"> <li>Y read and fully understood the whole text of the Contract Data, Scope of Work and Pricing Data and thoroughly acquainted himself with the nature of the works proposed and generally of all matters which may influence the Contract.</li> <li>Y visited the site of any proposed works.</li> <li>Y requested the Employer or his duly authorized agent to make clear the actual requirements of anything contained in the Scope of Work and Pricing Data, the exact meaning or interpretation of which is not clearly intelligible to the Supplier.</li> <li>Y received any Addenda to the Supplier documents which have been issued in accordance with the Employer’s Supply Chain Management Policy.</li> </ul> <p>Before submission of any Supplier, the Supplier should check the number of pages, and if any are found to be missing or duplicated, or the figures or writing indistinct, or if the Pricing Data contain any obvious errors, the Supplier must apply to the Employer’s Agent at once to have the same rectified, as no liability will be admitted by the Employer in respect of errors in any Supplier due to the foregoing.</p>
F.4.7	<p><b>Imbalance in Supplier rates</b></p> <p>In the event of Supplier rates or lump sums being declared by the Employer to be unacceptable to it because they are either excessively low or high or not in proper balance with other rates or lump sums, the Supplier may be required to produce evidence and advance arguments in support of the Supplier rates or lump sums objected to. If, after submission of such evidence and any further evidence requested, the Employer is still not satisfied with the supplied rates or lump sums objected to, it may request the Supplier to amend these rates and lump sums along the lines indicated by it.</p>

	<p>The Supplier will then have the option to alter and/or amend the rates and lump sums objected to and such other related amounts as are agreed on by the Employer, but this shall be done without altering the Supplier offer as Supplied or, if applicable, the corrected total of prices in accordance with F.3.9.3. Should the Supplier fail to amend his tender in a manner acceptable to the Employer, the Employer may reject the Tender.</p>
<p>F.4.8</p>	<p>The Employer shall not formally issue Tender documents in electronic format as contemplated in F.2.13.2 and F.2.13.3 and shall only issue Supplier documents in hardcopy. An electronic version of the issued Tender documents may be made available to the Supplier, upon written request in terms of this clause, subject to the following:</p> <ol style="list-style-type: none"> <li>a) Electronic copies of the contract document, or parts thereof, will only be provided to Suppliers who have been issued with the Tender documents as contemplated in F.1.2 in hardcopy.</li> <li>b) The electronic version shall not be regarded as a substitute for the issued Tender documents.</li> <li>c) The Employer shall not accept tender submitted in electronic format. Suppliers may not complete and submit a printed copy of the electronic version of the Tender document or part thereof. Only those Suppliers that have been completed on the issued hard copy Tender document shall be considered.</li> <li>d) The Employer accepts no responsibility or liability arising from any reliance on or use of the electronic version provided in terms of this clause. The Employer further does not guarantee that the electronic version corresponds with the issued Tender documents in all respects. Suppliers are alerted to the fact that electronic versions of the Tender documents may not reflect any notices or addenda that amend the Tender document.</li> <li>e) Any non-compliance with these provisions, including effecting any unauthorized alterations to the Supplier document as contemplated in F.2.11, shall render the Tender invalid. The Employer reserves the right to take any action against such Supplier allowed in law including, in circumstances where the Supplier had already been awarded, the right to cancel the contract.</li> <li>f) In requesting the electronic version of the Tender document or parts thereof, the Supplier is deemed to have read, understood and accepted all of the above conditions.</li> </ol>



# **VOLUME 2: RETURNABLE DOCUMENTS**

## **T2.1 LIST OF RETURNABLE DOCUMENTS**

## T2.1: LIST OF RETURNABLE SCHEDULES/DOCUMENTS

PROJECT NAME	SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-23/24-0740-HO

## T2.2: RETURNABLE SCHEDULES REQUIRED FOR SUPPLIER EVALUATION PURPOSES

	Returnable Documents	Number of pages issued	Returnable Document	
SBD1	Invitation to Bid: Part A and B	2	<input checked="" type="checkbox"/> Yes	No
SBD 4	Declaration of Interest	2	<input checked="" type="checkbox"/> Yes	No
SBD 6.1	Preference Points Claim Form In Terms Of The Preferential Procurement Regulations 2022	4	<input checked="" type="checkbox"/> Yes	No
T2.2r	Compulsory Enterprise Questionnaire	3	<input checked="" type="checkbox"/> Yes	No
T2.1	List of Returnable Schedules/Documents	2	<input checked="" type="checkbox"/> Yes	No
C1.1a	Final Summary Page	1	<input checked="" type="checkbox"/> Yes	No
C2.2	Fixed Charge and Value related Items Applicable to All Work & Bill of Quantities	184	<input checked="" type="checkbox"/> Yes	No
T2.2a	Resolution for Signatory	1	<input checked="" type="checkbox"/> Yes	No
T2.2b	Resolution of Board of Directors to Enter into Consortium or Joint Venture (JV) Agreements	2	<input checked="" type="checkbox"/> Yes	No
T2.2c-1	Schedule of Proposed Subcontractors	1	<input checked="" type="checkbox"/> Yes	No
T2.2e	Schedule of Imported Material and Equipment	1	<input checked="" type="checkbox"/> Yes	No
T2.2f	Rank Rating	1	<input checked="" type="checkbox"/> Yes	No
T2.2v	Specific goals claimed (CIPRO certificate)	1	<input checked="" type="checkbox"/> Yes	No
T2.2n	Record of Addenda to Supplier Documents	1	<input checked="" type="checkbox"/> Yes	No
T2.2z	Valid Letter of Good Standing	1	<input checked="" type="checkbox"/> Yes	No

## T2.2: OTHER DOCUMENTS REQUIRED FOR SUPPLIER EVALUATION PURPOSES

No.	Document Name	Number of pages issued	Returnable Document
Annexure A1	Method Statement (Generic)	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Annexure A2	Method Statement (Summary Tasks)	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Annexure A3	Method Statement (Programme with Timelines and planned Resources)	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Annexure B1	Key Personnel qualification (Maintenance manager)	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Annexure B2	Key Personnel qualification (Maintenance supervisor)	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Annexure B3	Key Personnel qualification (OHS Safety officer)	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Annexure B4	Key Personnel qualification (Skilled installation/maintenance staff)	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Annexure B5	Proof of Business address	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Annexure B6	Company Experience	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
T2.2g	Specific Goals claimed (Cipro Certificate)	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
T2.2y	Proof of Registration with Centralized Supplier Database	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
T2.2v	CIPC – company registration certificate	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
T2.2x	References	4	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
T2.3	Returnable schedules or documents		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

*(The following list of returnable schedules/documents is duplicated from the tables above however these will not appear in duplicate within the Tender document. The purpose is to bring to the Suppliers' attention the list of returnable documents/schedules that shall be incorporated into the contract)*

## T2.2: OTHER DOCUMENTS REQUIRED TENDER EVALUATION PURPOSES

No.	Document Name	Number of pages issued	Returnable Document
T2.2n	Record of Addenda to Supplier Documents	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
T2.2ee	Schedule of Key Personnel: Contract Supervisor	1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
SBD 6.1	Preference Points Claim Form In Terms Of The Preferential Procurement Regulations 2022	4	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

## T2.2: OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

C1.1	Form of Offer and Acceptance	2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
C1.2	Contract Data	7	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
C2.2	Fixed Charge and Value related Items Applicable to All Work & Bill of Quantities & Final Summary		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**T2.2: RETURNABLE SCHEDULES  
REQUIRED FOR SUPPLIER  
EVALUATION PURPOSES**

## T2.2a: RESOLUTION FOR SIGNATORY

PROJECT NAME	SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-23/24-0740-HO

### **MUST BE ON COMPANY LETTERHEAD**

#### **A: CERTIFICATE OF AUTHORITY FOR SIGNATORY**

Signatory for companies shall confirm their authority hereto by attaching a duly signed and dated copy of the relevant resolution of the board of directors to this form. This must be on a company letterhead.

An example is given below:

“By resolution of the board of directors passed at a meeting held on \_\_\_\_\_

Mr/Ms \_\_\_\_\_, whose signature appears below, has been duly authorized to

sign all documents in connection with the Supplier for Contract No. \_\_\_\_\_

and any Contract which may arise there from on behalf of (Block Capitals) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

SIGNED ON BEHALF OF THE COMPANY: \_\_\_\_\_

IN HIS/HER CAPACITY AS: \_\_\_\_\_

DATE: \_\_\_\_\_

SIGNATURE OF SIGNATORY: \_\_\_\_\_

WITNESSES: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ SIGNATURE: \_

**T2.2b: RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO CONSORTIA OR JOINT VENTURES**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATOR AT CLUSTER 1 – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

RESOLUTION of a meeting of the Board of \*Directors / Members / Partners of:

\_\_\_\_\_

\_\_\_\_\_  
 (Legally correct full name and registration number, if applicable, of the Enterprise)

Held at \_\_\_\_\_ (place)

On \_\_\_\_\_ (date)

RESOLVED that:

i) The Enterprise submit a Bid /Supplier, in consortium/Joint Venture with the following Enterprises:

\_\_\_\_\_

\_\_\_\_\_  
 (List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/Joint Venture)

to the Eastern Cape Department of Health in respect of the following project:

\_\_\_\_\_

\_\_\_\_\_  
 (Project description as per Bid /Supplier Document)

Bid Number: \_\_\_\_\_ ( Bid Number as per Document)

ii) \*Mr./Mrs./Ms:

\_\_\_\_\_

in \*his/her Capacity as: \_\_\_\_\_ (Position in the Enterprise)

and who will sign as follows: \_\_\_\_\_

be, and is hereby, authorized to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above.

iii) The Enterprise accepts joint and several liability with the parties listed under item 1 for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.

iv) The Enterprise chooses as its domicilium citandi et executandi for all purposes arising from this joint venture agreement and the Contract with the Department in respect of the project under item 1 above:

Physical address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ Postal Code \_\_\_\_\_

Postal Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ Postal Code \_\_\_\_\_

Telephone number: \_\_\_\_\_

Fax number: \_\_\_\_\_

	NAME	CAPACITY	SIGNATURE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			

<p>Note:</p> <ol style="list-style-type: none"> <li>1. * Delete which is not applicable</li> <li>2. NB. This resolution must be signed by all the Directors / Members / Partners of the Bidding Enterprise</li> <li>3. Should the number of Directors / Members/Partners exceed the space available above, additional names and signatures must be supplied on a separate page</li> </ol>	<p>ENTERPRISE STAMP</p>
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## T2.2c-1: SCHEDULE OF PROPOSED SUBCONTRACTORS

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

	<p>We notify you that it is our intention to employ the following subcontractors for work in this contract.</p> <p>If we are awarded a contract, we agree that this notification does not change the requirement for us to submit the names of proposed Subcontractors in accordance with requirements in the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us.</p>			
	<b>Name and address of proposed Subcontractor</b>	<b>Nature and extent of work</b>	<b>Value of Work</b>	<b>Subcontractor CIDB grading</b>
1.				
2.				
3.				

Signed ..... Date .....

Name ..... Position .....

Supplier .....

## T2.2ee: SCHEDULE OF KEY PERSONNEL

PROJECT NAME	SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-23/24-0740-HO

The Supplier is referred to clause F.2.1.3 of the Tender Data and shall insert in the spaces provided below details of the key personnel required to be in the employment of the Supplier or a specialist consultant/firm, in order for the Supplier to be eligible to submit a Tender for this project. The Curriculum Vitae of the individual must be appended to this schedule.

Notwithstanding having appended the Curriculum Vitae of the key personnel to this schedule, the Supplier must **also** append to this schedule in terms of clause F.2.1.3, a statement for the individual identified, which indicates any field(s) of specialization and any recent experience that is relevant to this particular project (which may or may not have formed part of the individual's CV). Suppliers should indicate what particular aspect of the project the specialization or experience is relevant to.

Name	Qualifications	No. of Years Specified Experience

Signed \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Position \_\_\_\_\_

Supplier \_\_\_\_\_

## T2.2f: BANK RATING

PROJECT NAME	SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-23/24-0740-HO

Suppliers must submit a bank rating from a recognized financial institution as required in clause F.2.1.4 of the Tender Data. The bank rating must be attached to this schedule. Failure to comply with the requirements of F.2.1.4 shall result in the Tender not being evaluated further.

**Minimum of Grade C bank required - Good for amount quoted if strictly in the way of business – Unlikely to commit themselves beyond their means.**

Signed \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Position \_\_\_\_\_

Supplier \_\_\_\_\_

## T2.2n: RECORD OF ADDENDA TO SUPPLIER DOCUMENTS

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

We confirm that the following communications received from the Employer before the submission of this Supplier offer, amending the Tender documents, have been taken into account in this Supplier offer:		
	<b>Date</b>	<b>Title or Details</b>
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed..... Date .....

Name..... Position .....

Supplier .....

\*This document must form part of the returnable schedules as it is referenced in the offer portion of the Form of Offer and Acceptance.

## T2.2r: COMPULSORY ENTERPRISE QUESTIONNAIRE

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.		
<b>Section 1: Name of enterprise:</b> .....		
<b>Section 2: VAT registration number:</b> .....		
<b>Section 3: Particulars of sole proprietors and partners in partnerships</b>		
<b>Name*</b>	<b>Identity number*</b>	<b>Personal income tax number*</b>
* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners		
<b>Section 5: Particulars of companies and close corporations</b>		
Company registration number .....		
.....		
Close corporation number .....		
.....		
Tax reference number .....		
.....		
<b>Section 6: Record of service of the state</b>		
Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:		
1 a member of any municipal council	<input type="checkbox"/>	Y an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)
2 a member of any provincial legislature	<input type="checkbox"/>	Y a member of an accounting authority of any national or provincial public entity
Y a member of the National Assembly or the National Council of Province	<input type="checkbox"/>	Y an employee of Parliament or a provincial legislature
3 a member of the board of directors of any municipal entity	<input type="checkbox"/>	
4 an official of any municipality or municipal entity	<input type="checkbox"/>	

If any of the above boxes are marked, disclose the following:

Name of sole proprietor, partner, manager, shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

\*insert separate page if necessary

**Section 7: Record of spouses, children and parents in the service of the state**

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:

- |  |   |
|--|---|
| <p>2 a member of any municipal council</p> <p>3 a member of any provincial legislature</p> <p>4 a member of the National Assembly or the National Council of Province</p> <p>5 a member of the board of directors of any municipal entity</p> <p>6 an official of any municipality or municipal entity</p> | <p>3 an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)</p> <p>4 a member of an accounting authority of any national or provincial public entity</p> <p>5 an employee of Parliament or a provincial legislature</p> |
|--|---|

Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		current	Within last 12 months

\*insert separate page if necessary

The undersigned, who warrants that he/she is duly authorised to do so on behalf of the enterprise:

1. authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
  2. confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Supplier Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
  3. confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
  4. confirms that I / we are not associated, linked or involved with any other Tendering entities submitting Supplier offers and have no other relationship with any of the Suppliers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest;
- iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Signed..... Date .....

Name..... Position .....

*Enterprise name* .....

\* The schedule should be used where Suppliers are subject to the Local Government: Municipal Finance Management Act

## **T2.2v: CIPC – Company registration certificate**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Tenderer to submit necessary company registration certificate.



## **T2.2z: Valid Letter of Good Standing**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Tenderer to submit valid and up to date Letter of Good Standing certificate relevant to their services (COIDA)

## SBD 1: INVITATION TO BID – PART A

<b>YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE EC DEPARTMENT OF HEALTH</b>					
BID NUMBER:	SCMU3-23/24-0740-HO	CLOSING DATE:	12 April 2024	CLOSING TIME:	11:00
DESCRIPTION	SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)				
<b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</b>					
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
<b>Tender Box</b> Department of Health Global Life Centre SCM Unit c/o Phalo Avenue and R63 (opposite Engen Garage) Bhisho					
<b>SUPPLIER INFORMATION</b>					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
	TCS PIN:		OR	CSD No:	
SPECIFIC GOALS STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	<input type="checkbox"/> Yes <input type="checkbox"/> No		SPECIFIC GOALS STATUS LEVEL SWORN AFFIDAVIT	<input type="checkbox"/> Yes <input type="checkbox"/> No	
IF YES, WHO WAS THE CERTIFICATE ISSUED BY?					
AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA) AND NAME THE APPLICABLE IN THE TICK BOX	<input type="checkbox"/>	AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA)			
	<input type="checkbox"/>	A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN ACCREDITATION SYSTEM (SANAS)			
	<input type="checkbox"/>	A REGISTERED AUDITOR			
	NAME:				
<b>[A SPECIFIC GOALS STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT(FOR EMEs&amp; QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR SPECIFIC GOALS]</b>					
I. ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No  [IF YES ENCLOSE PROOF]		II. ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No  [IF YES ANSWER PART B:3 BELOW ]	
III. SIGNATURE OF BIDDER	.....		IV. DATE		
V. CAPACITY UNDER WHICH THIS BID IS SIGNED (Attach proof of authority to sign this bid; e.g. resolution of directors, etc.)					
VI. TOTAL NUMBER OF ITEMS OFFERED			VII. TOTAL BID PRICE (ALL INCLUSIVE)		
<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:</b>			<b>TECHNICAL INFORMATION MAY BE DIRECTED TO:</b>		
DEPARTMENT	ECDOH		CONTACT PERSON	Thabisa Notshe	
CONTACT PERSON	Ms Thabisa Notshe		TELEPHONE NUMBER	040 608 9641	
TELEPHONE NUMBER	040-608 9641		FACSIMILE NUMBER		
FACSIMILE NUMBER			E-MAIL ADDRESS	<a href="mailto:thabisa.notshe@ehealth.gov.za">thabisa.notshe@ehealth.gov.za</a>	
E-MAIL ADDRESS	<a href="mailto:thabisa.notshe@ehealth.gov.za">thabisa.notshe@ehealth.gov.za</a>				

**PART B**  
**TERMS AND CONDITIONS FOR BIDDING**

<b>1. BID SUBMISSION:</b>	
3.1	BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
3.2	ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR ONLINE
3.3	SUPPLIERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES). SPECIFIC GOALS CERTIFICATE OR SWORN AFFIDAVIT FOR SPECIFIC GOALS MUST BE SUBMITTED TO BIDDING INSTITUTION.
3.4	WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID DOCUMENTATION. SPECIFIC GOALS CERTIFICATE OR SWORN AFFIDAVIT FOR SPECIFIC GOALS MUST BE SUBMITTED TO BIDDING INSTITUTION.
3.5	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION OR SPECIAL CONDITIONS OF CONTRACT.
<b>2. TAX COMPLIANCE REQUIREMENTS</b>	
	<ul style="list-style-type: none"> <li>• SUPPLIERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.</li> <li>• SUPPLIERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.</li> <li>• APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.</li> <li>• SUPPLIERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE BID.</li> <li>• IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-SUPPLIERS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER.</li> <li>• WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.</li> </ul>
<b>3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS</b>	
3.4	IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? NO <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/></span>
3.5	DOES THE BIDDER HAVE A BRANCH IN THE RSA? NO <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/></span>
3.6	DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA? NO <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/></span>
3.7	DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? NO <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/></span>
<p><b>IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TAX COMPLIANCE STATUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.</b></p>	

## SBD 4: DECLARATION OF INTEREST

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

### 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 interest<sup>1</sup> in the enterprise?

Employed by the state? **YES/NO**

- If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of soleproprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest inthe 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**

- If so, furnish particulars:  
.....

**(a) 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:

- I have read and I understand the contents of this disclosure;
- I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 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 orconsortium<sup>2</sup> will not be construed as collusive bidding.
- In addition, there have been no consultations, communications, agreements or arrangements with any competitor

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(a) the power, by one person or a group of persons holding the majority of the equity of anenterprise, alternatively, the person/s having the deciding vote or power to influence orto direct the course and decisions of the enterprise.

(b) Joint venture or Consortium means an association of persons for the purpose of **44** combiningtheir expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

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.

- 3.1. 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.
- 3.2. 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.
- 3.3. 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.

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

**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, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022**

**4 GENERAL CONDITIONS**

4.1. The following preference point systems are applicable to invitations to tender:

- (a) the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- (b) the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

4.2. **To be completed by the organ of state**

*(delete whichever is not applicable for this tender).*

The applicable preference point system for this tender is the **80/20** preference point system.

The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

4.3. 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.

4.4. **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
<b>PRICE</b>	80
<b>SPECIFIC GOALS</b>	20
<b>Total points for Price and SPECIFIC GOALS</b>	<b>100</b>

4.5. 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.

4.6. 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.

**5 DEFINITIONS**

4 **“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;

5 **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

6 **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation,

and includes all applicable taxes;

- 7 “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
- 8 “the Act” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

## 6 FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

### • POINTS AWARDED FOR PRICE

#### • THE 80/20 PREFERENCE POINT SYSTEMS

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

#### 80/20

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

Where

- $P_s$  = Points scored for price of tender under consideration  
 $P_t$  = Price of tender under consideration  
 $P_{min}$  = Price of lowest acceptable tender

### • FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOMEGENERATING PROCUREMENT

#### 3.2.1. POINTS AWARDED FOR PRICE

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

#### 80/20

$$P_s = 80 \left( 1 + \frac{P_t - P_{max}}{P_{max}} \right)$$

Where

- $P_s$  = Points scored for price of tender under consideration  
 $P_t$  = Price of tender under consideration  
 $P_{max}$  = Price of highest acceptable tender

## 7 POINTS AWARDED FOR SPECIFIC GOALS

- 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:
- 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 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
  - an invitation for tender for income-generating contracts, that either the 80/20 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
  - any other invitation for tender, that either the 80/20 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 80/20 preference point system.

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

*(Note to organs of state: Where either the 80/20 preference point system is applicable, corresponding points must also be indicated as such.)*

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Historically Disadvantaged Individuals Ownership	20% (4)	
Women Ownership	20% (4)	
Youth Ownership	20% (4)	
Disability Ownership	20% (4)	
Military Veterans Ownership	10% (2)	
Locality Ownership (Eastern Cape)	10% (2)	
<b>TOTAL</b>	<b>100% (20)</b>	

1. Service providers must submit proof of its Specific Goals points claimed / status of contributor.
2. The Specific Goals supporting documents required to verify claimed points may inline with the specified requirements include:
  - Historically Disadvantaged Individuals Ownership: Proof of ownership (CIPRO certificate) with id no.
  - Women Ownership: Ownership: Proof of ownership (CIPRO certificate) with id no.
  - Youth Ownership: Ownership: Proof of ownership (CIPRO certificate) with id no.
  - Disability Ownership: Proof of ownership (CIPRO certificate) with valid medical documentary proof.
  - Military Veterans Ownership: Proof of ownership (CIPRO certificate) with valid proof of veteran status.
  - Ownership: Proof of business address (municipal account or valid lease agreement)
    - Updated CSD report

**DECLARATION WITH REGARD TO COMPANY/FIRM**

4.3. Name of company/firm.....

4.4. Company registration number: .....

- TYPE OF COMPANY/ FIRM

Partnership/Joint Venture / Consortium  
 One-person business/sole propriety  
 Close corporation  
 Public Company  
 Personal Liability Company  
 (Pty) Limited  
 Non-Profit Company  
 State Owned Company

[TICK APPLICABLE BOX]



- 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:

- The information furnished is true and correct;
- The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- 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;
- 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 -
  - disqualify the person from the tendering process;
  - recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - 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;
  - 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
    - forward the matter for criminal prosecution, if deemed necessary.

..... <b>SIGNATURE(S) OF BIDDER(S)</b>	
<b>SURNAME AND NAME:</b>	.....
<b>DATE:</b>	.....
<b>ADDRESS:</b>	.....
	.....
	.....
	.....

## **T2.2: OTHER DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES**

## **T2.2g: SPECIFIC GOALS CLAIMED (CIPRO CERTIFICATE)**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers must attach CIPRO CERTIFICATE.

## T2.2y: Proof of Registration with Centralized Supplier Database

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers must attach Full CSD report.

### **Annexure A1: Method Statement (Generic)**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers are required to submit a method statement.

## Annexure A2: Method Statement (Summary Task)

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers are required to submit a summary task. The summary task must indicate the major tasks and subtasks of the works. Contractor must indicate how they would approach the works to achieve the required outcomes from start to end of the project.

**Annexure A3: Method Statement (Programme with Timelines and Resources)**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATOR TAT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS))</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers are required to submit Programme with timelines such as a Gantt Chart (quarterly and biannual inspections) and planned resources (human resources and tools).

## Annexure B1: Key Personnel Qualification (Maintenance manager)

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers are required to submit proof of maintenance manager's experience (CV) and qualifications. All certified documents must not be older than three (3) months.

<b>Maintenance Manager</b> Mechanical/Electrical Engineering, Construction Project Management	Electrical / Mechanical Engineering Degree with Registration as per Act 43 of 2000 (Candidate Registration will not be accepted)  <b>OR</b>	Attached certified copies of qualification
	Electrical / Mechanical Engineering Diploma with Registration as per Act 43 of 2000 (Candidate Registration will not be accepted)  <b>OR</b>	Attached certified copies of qualification
	Trade certificate (Issued by the Department of Labour)	<b>Attach certified copies</b>



## Annexure B2: Key Personnel Qualification (Maintenance supervisor)

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers are required to submit proof of maintenance supervisor's experience (CV) and qualifications.

All certified documents must not be older than three (3) months.

<b>Maintenance Supervisor</b> Mech./Elect. Engineering, Construction Project Management	Electrical or Mechanical Engineering Diploma <b>WITH</b> minimum one year post qualification experience on standby generator maintenance or installation. <b>OR</b>	Attached certified copies of qualification
	Trade certificate (Issued by the Department of Labour), or higher qualification <b>WITH</b> minimum one year post qualification experience <b>on</b> standby generator maintenance or installation.	Attached certified copies of qualification

### **Annexure B3: Key Personnel Qualification (OHS Safety officer)**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers are required to submit proof of OHS safety officer's experience (CV) and qualifications. All certified documents must not be older than three (3) months.

**Annexure B4: Key Personnel Qualification (Skilled installation/maintenance Staff)**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers are required to submit proof of Skilled installation/maintenance staff experience (CV) and qualifications. All certified documents must not be older than three (3) months.

## Annexure B5: Proof of Business address

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers are required to submit proof of business address (municipal account or valid lease agreement not later than 3 months). All certified documents must not be older than three (3) months.



## Annexure B6: Company Experience

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Suppliers are required to submit proof of company experience in the field of standby generators maintenance or installation.

## T2.2x References

Bidders must provide references demonstrating their ability to undertake projects similar in scale and complexity to those outlined in this tender document, meeting or surpassing the CIDB grading specified.

### Reference No. 1

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Sir/Madam,

We are in the process of evaluating \_\_\_\_\_ for the above project.

They have listed you as a reference. Please evaluate the Suppliers performance on the criteria listed below by ticking the appropriate boxes. Please return upon completion as soon as possible. If you have any questions, please do not hesitate to contact us.

<b>NAME OF EMPLOYER</b>	<b>NAME OF PROJECT</b>	<b>CONTRACT PERIOD (Start and End Date)</b>	<b>VALUE OF WORK</b>

#### 1. QUALITY

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

#### 2. TIME PERFORMANCE

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

#### 3. FINANCIAL PERFORMANCE

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

#### 4. COMMENTS:

\_\_\_\_\_

\_\_\_\_\_

Project Manager/Principal Agent: \_\_\_\_\_

Tel. No: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

<p><b>Place Company Stamp Here</b></p>
--

**Reference No. 2**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Sir/Madam,

We are in the process of evaluating \_\_\_\_\_ for the above project.

They have listed you as a reference. Please evaluate the Suppliers performance on the criteria listed below by ticking the appropriate boxes. Please return upon completion as soon as possible. If you have any questions please do not hesitate to contact us.

<b>NAME OF EMPLOYER</b>	<b>NAME OF PROJECT</b>	<b>CONTRACT PERIOD (Start and End Date)</b>	<b>VALUE OF WORK</b>

**1. QUALITY**

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

**2. TIME PERFORMANCE**

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

**3. FINANCIAL PERFORMANCE**

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

**4. COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_

Project Manager/Principal Agent: \_\_\_\_\_

Tel. No: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Place Company Stamp Here**



**Reference No. 3**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Sir/Madam,

We are in the process of evaluating \_\_\_\_\_ for the above project.

They have listed you as a reference. Please evaluate the Suppliers performance on the criteria listed below by ticking the appropriate boxes. Please return upon completion as soon as possible. If you have any questions please do not hesitate to contact us.

<b>NAME OF EMPLOYER</b>	<b>NAME OF PROJECT</b>	<b>CONTRACT PERIOD (Start and End Date)</b>	<b>VALUE OF WORK</b>

**1. QUALITY**

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

**2. TIME PERFORMANCE**

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

**3. FINANCIAL PERFORMANCE**

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

**4. COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_

Project Manager/Principal Agent: \_\_\_\_\_

Tel. No: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

<p><b>Place Company Stamp Here</b></p>
--

**Reference No. 4**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

Sir/Madam,

We are in the process of evaluating \_\_\_\_\_ for the above project.

They have listed you as a reference. Please evaluate the Suppliers performance on the criteria listed below by ticking the appropriate boxes. Please return upon completion as soon as possible. If you have any questions please do not hesitate to contact us.

<b>NAME OF EMPLOYER</b>	<b>NAME OF PROJECT</b>	<b>CONTRACT PERIOD (Start and End Date)</b>	<b>VALUE OF WORK</b>

**- QUALITY**

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

**- TIME PERFORMANCE**

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

**- FINANCIAL PERFORMANCE**

<b>EXCELLENT</b>	<b>VERY GOOD</b>	<b>GOOD</b>	<b>FAIR</b>	<b>POOR</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

**- COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_

Project Manager/Principal Agent: \_\_\_\_\_

Tel. No: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

<p><b>Place Company Stamp Here</b></p>
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# **VOLUME 3: CONTRACT**

# **PART C1: AGREEMENT AND CONTRACT DATA**

**C1.1 FORM OF OFFER AND ACCEPTANCE**

**OFFER**

The Employer, identified in the acceptance signature block, has solicited offers to enter into a Contract for the procurement of:

**CONTRACT NUMBER: SCMU3-23/24-0740-HO**

**CONTRACT NAME: SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)**

The Tenderer, identified in the offer signature block below, has examined the documents listed in the Tender Data and addenda thereto as listed in the tender schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the Tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the Contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data.

The offered total of the prices inclusive of Value-Added Tax is:

.....  
.....  
..... Rand (in words)  
R ..... (in figures)

This offer may be accepted by the Employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes the party named as the Contractor in terms of the Conditions of Contract identified in the Contract data.

**For and on behalf of the Tenderer:**

Name .....  
Capacity .....  
Signature ..... Date: .....

Name and address of tenderer:  
.....  
.....  
.....

Witness Name .....  
Witness Signature ..... Date: .....

**ACCEPTANCE**

By signing this part of this form of offer and acceptance, the Employer identified below accepts the Tenderer’s offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the Conditions of Contract identified in the Contract data. Acceptance of the Tenderer’s offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this agreement and in the Contract that is the subject of this agreement.

The terms of the Contract are contained in:

- Part C1: Agreements and Contract data (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work
- Part C4: Site Information and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto, as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from said documents are valid unless contained in this schedule, which must be duly signed by the authorised representative(s) of both parties.

The Tenderer shall, within two weeks after receiving a completed copy of this agreement including the schedule of deviation (if any), contact the Employer’s Agent (whose details are given in the Contract data) to arrange the delivery of any securities, bonds, guarantees, proof insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract data at or just after, the date this Agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the Tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the Tenderer (now Contractor), within five (5) working days of the date of such receipt, notifies the Employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding Contract between the parties.

**For and on behalf of the Employer:**

Name .....  
 Capacity .....  
 Signature ..... Date: .....

Name and address of employer:  
 .....  
 .....  
 .....

Witness Name .....  
 Witness Signature ..... Date: .....

**SCHEDULE OF DEVIATIONS**

Notes:

- The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the conditions of tender.
- A Tenderer’s covering letter shall not be included in the final Contract document. Should any matter in such letter, which constitutes a deviation as aforesaid become be the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
- Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents, and which it is agreed by the parties becomes an obligation of the Contract, shall also be recorded here.
- Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

A Tenderer’s covering letter shall not be included in the final Contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, be the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.

Subject	.....
Details	.....
.....	
Subject	.....
Details	.....
.....	
Subject	.....
Details	.....
.....	
Subject	.....
Details	.....
.....	
Subject	.....
Details	.....
.....	

..... By the duly authorized representatives signing this schedule of deviations, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the Tender Data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or change to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the Contract between the parties arising from this agreement.

## Part 1– Data provided by the Employer

Clause	Statement	Data
<b>1. General</b>		
	<p>The conditions of contract are the core clauses and the clauses for main Option:</p> <p>dispute resolution Option and secondary Options</p> <p>of the NEC3 Term Service Contract (April 2013)</p>	<p>A Priced contract with price list</p> <p>W1 Dispute resolution procedure</p> <p>X1 Price adjustment for inflation</p> <p>X13 Performance Bond</p> <p>X17 Low service damages</p> <p>X18 Limitation of liability</p> <p>X19 Task Order</p> <p>X20 Key Performance Indicators</p>
10.1	<p>The Employer is (name):</p> <p>Address</p> <p>Represented By:</p> <p>Tel No.</p> <p>Fax No.</p>	<p>Eastern Cape Department of Health</p> <p>Department of Health Global Life Centre Corner Phalo Avenue and R63 (opposite Engen garage) Bhisho 5605</p> <p>Mr Lamkelo Mdingi</p>
10.1	<p>The Service Manager is (name):</p> <p>Tel</p> <p>e-mail</p>	<p>Zutari (Pty) Ltd</p>
	<p>The Service Manager is (name):</p>	<p>Zutari (Pty) Ltd</p>
11.2(2)	<p>The Affected Property is</p>	<p>OR Tambo and Alfred Nzo District Health Facilities in the Eastern Cape Province as per Service Information</p>



11.2(13)	The service is	Scheduled and Re-Active Maintenance works
11.2(14)	The following matters will be included in Risk register	N/A
11.2(15)	The Service Information is in	The Contract Part 1: Service Information - Scope of Works. Works Information and all documents and drawings to which it makes reference.
12.2	The law of the contract is the law of	the Republic of South Africa
•	The language of this contract is	English
•	The period for reply is	7 days

2. The Contractor's responsibility (If the optional statement for this section is not used, no data will be required for this section)

21.1 The Contractor submits a first Plan for 2 weeks of the Contract Date acceptance within

### 3. Time

- The starting date is at the Site Handover Meeting Date.
- The service period is 36 Months.

### 4. Testing and defects

Special testing may be requested by the Service Manager.

### 5. Payment

- 50.1 The assessment interval is Monthly
- 51.1 The currency of this contract is the South African Rand
- 51.2 The period with which payments are made is 30 Days after submission of a valid TAX Invoice to the Employer
- 51.4 The interest rate is (i) zero percent above the publicly quoted prime rate of interest (calculated on a 365-day year) charged by from time to time by the South African Reserve Bank (as certified, in the event of any dispute, by any manager of such bank, whose appointment it shall not be necessary to prove) for amounts due in Rands

### 6. Compensation Events

(if the optional statement for this section is not used, no data will be required for this section)

These are additional compensation N/A events

7. Use of Equipment Plant and Materials		No data is required for this section of the conditions of contract.
8. Risks and Insurance		
80.1	These are additional Employer's risks	N/A
83.1	The Employer provides these insurances from the Insurance Table	N/A
83.1	The Employer provides these additional insurances	N/A
83.1	The minimum amount of cover for insurance against loss and damage caused by the Contractor to the Employer's property is	R 5 000 000.00
83.1	The insurance against loss of or damage to the works, Plant and Materials is to include cover for Plant and Materials provided by the Employer to an amount of	R 5 000 000.00
83.1	The minimum amount of cover for insurance in respect of loss of or damage to property (except the Employer's property, Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the Contractor) arising from or in connection with the Contractor's Providing the Service for any one event is:	R 5 000 000.00
83.1	The Minimum limit of indemnity for insurance in respect of death of or bodily injury to employees of the Contractor arising out of and in course of their employment in connection with this contract for any one event is:	As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the Contractor's common law liability for people falling outside the scope of the Act with a limit of Indemnity of not less that R 5 000 000.00
9. Termination		No data is required for this section of the conditions of contract.
10. Data for main Option Clauses		
A	Priced Contract with Price List	Option A
20.5	The Contractor prepares forecasts of the final total of the Prices for the whole of the service at intervals of no longer than	4 Weeks
11. Data for Option W1		
W1.1	The Adjudicator is (Name)	The person selected from the ICE-SA Division (or its successor body) of the South African Institution of Civil Engineering Panel of Adjudicators by the party intending to refer a dispute to him. (See <a href="http://www.icesa.org.za">www.icesa.org.za</a> )
	Address	
	Tel. No,	
	Fax No.	
	Email	

W1.2(3)	The Adjudicator nominating body is:	The Chairman of ICE-SA a joint Division of the South African Institution of Civil Engineering
W1.4(2)	The Tribunal is:	Arbitration
W1.4(5)	The Arbitration Procedure is	The latest edition of Rules for the Conduct of Arbitrations published by the Association of Arbitrators (South Africa) or its successor body.
	The place where arbitration is to be held is	South Africa
	The person or organization who will choose an arbitrator	The Chairman for the time being or his nominee of the Association of Arbitrators (South Africa) or its successor
1	If the Parties cannot agree a choice body.or	
2	If the procedure does not state who selects an arbitrator, is	

12. Data for Secondary Option Clauses

X1	Price Adjustment for Inflation																
X1.1	The base date for indices is	Tender Closing Date: 12 April 2024															
	The proportions used to calculate the Price Adjustment Factor are:																
	Note: Requirements for CPA/Price inflation is that Prices must be Fixed and Firm for the First 12 months of the contract and only subject to escalation thereafter. A minimum of 10% of the contract price / prices is not adjustable throughout the life of the contract																
		<table border="1"> <thead> <tr> <th>Proportion</th> <th>Linked to Index for</th> <th>Index prepared by (Source)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Non-Adjustable**</td> <td></td> </tr> <tr> <td>100%</td> <td></td> <td></td> </tr> </tbody> </table>	Proportion	Linked to Index for	Index prepared by (Source)								Non-Adjustable**		100%		
Proportion	Linked to Index for	Index prepared by (Source)															
	Non-Adjustable**																
100%																	

X13	Performance Bond	
X13.1	The Contractor gives the Employer a performance bond	The Tenderer must provide a Performance Bond in the form of a Fixed Performance Guarantee by means of a Bank Guarantee, or from an Insurer approved by the Service Manager, in the amount of 2.5% of the Awarded Contract Value, once the Contract has been awarded to him. This Bond must be given to the Employer with in four (4) weeks of the Contract Date.

X17	Low Service Damages	
X17.1	The service level table is in	As per Demerit Table in Contact Data – Annexure CD1

X18	Limitation of Liability	
X18.1	The Contractor's liability to the Employer for indirect or consequential loss is limited to	R0.0 (zero Rand)
X18.2	For any one event, the Contractor's liability to the Employer for loss of or damage to the Employer's property is limited to	R2 500 000.00

X18.3	The Contractor's liability for Defects due to his design of an item of Equipment is limited to	The greater of (a) the total of the Prices at the Contract Date and <b>1 R2 500 000</b>
X18.4	The Contractor's liability to the Employer for all matters arising under or in connection with this contract, other than the excluded matters, is limited to	N/A
X18.5	The end of liability date is	3 Months after the end of the Service Period.
X19	Task Order The Contractor submits a Task Order programme to the Service Manager within	Authorization to commence with any Task will be done by Task Order. This Task Order will be issued to the Contractor by the Service Manager. Maintenance Turn- around times are stated in the Works Instructions under specification clause GM7.
X20	Key Performance Indicators	Key performance Indicators will be used to monitor Contractor performance on a monthly basis

**- Part Two – Data provided by the Contractor**

Clause	Statement	Data
10.1	The Contractor is (Name):  Address: Tel No. Fax No.	
11.2(8)	The Direct Fee Percentage is _____%	
	The Subcontracted Fee Percentage Is _____%	
11.2(14)	The following matters will be included in the Risk Register	
11.2(15)	The Service Information for the Contractor's plan is in:	
21.1	The plan identified in the Contract Data is contained in:	
24.1	The Key Persons are:  Name :  Job :  Responsibilities :  Qualifications :  Experience	
	Name :  Job :  Responsibilities :  Qualifications :  Experience	
		CV's and further key person's data are in _____
A	Priced Contract with Price List	
11.2(12)	The price list is in	
11.2(19)	The tendered total of the Prices is	
X1	Price adjustment for inflation	

X1.1

Proportion	Linked to Index for	Index prepared by (Source)
	Non-Adjustable**	
100%		

## Annexure CD1 – Demerit Table and Penalty Calculation System

PROJECT NAME	SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-23/24-0740-HO

Attach document here

**ANNEXURE CD1: DEMERIT TABLE AND PENALTY CALCULATION SYSTEM**

If the Contractor fails to remedy any sub-standard work within the time frame stipulated by the Service Manager, the conditions as per GM 3.1 will apply.

The contractor will incur demerit points for specific measurable poor performance incidents which can lead to the early termination of the Contract as described below.

DESCRIPTION	DEMERIT POINT
Failure to submit the Functional Condition Assessment Report by the due date	1 point/ week that the report is late
Exceeding the maximum allowable response and resolve time for a P1 Breakdown	3 points/ incident
Exceeding the maximum allowable response and resolve time for a P2 Breakdown	2 points/ incident
Exceeding the maximum allowable response and resolve time for a P3 or P4 Breakdown	1 point/ incident
Not meeting the Planned Maintenance Performance KPI	1 point/ incident
Not meeting the Rework Rate KPI	1 point/ incident
Not meeting the Contractor Contactability KPI	1 point/ incident

The demerit points will accumulate and trigger the following actions:

ACCUMULATED DEMERIT POINTS	ACTION
6	Service Manager to discuss Contractor's performance deviation and agree on improvement measures. If improvement measures are successful and the Contractor has been consistently meeting the required KPI targets for the following two months, the demerit points can be cancelled by the Service Manager.

12	Service Manager to issue notice that Contractor is in Breach of Contract and that Contract Can be terminated if the Contractor does not improve his performance in line with the agreed improvement measures.
----	---



15	Service Manager to Terminate Contract as per Clause 9 of the NEC3 Term Service Contract.
----	--

Poor performance by the Contractor due to late payments by the Employer will not incur demerit points.

Financial penalties, as per the requirements of Secondary Options Clause X17, will be applied on the effected payments at 1% penalty per demerit point by the Service Manager, in the month that the demerit points are allocated to the Contractor.

## Annexure CD2 – Key Performance Indicator Listing

PROJECT NAME	SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-23/24-0740-HO

## ANNEXURE CD2: KEY PERFORMANCE INDICATOR LISTING

The following Key Performance Indicators (KPI's) will be applicable to this Contract and must be monthly updated and reported on by the Service Manager:

KPI Name	KPI Equation		Frequency	Target
Emergency Job Rate	=	$\frac{\text{Total Number of Emergency Jobs Done}}{\text{Total Number of Jobs Done}} \times 100\%$	Monthly	<10%
Planned Maintenance Performance	=	$\frac{\text{Total Number of Scheduled Planned Maintenance Jobs Completed}}{\text{Total Number of Planned Maintenance Jobs Scheduled}} \times 100\%$	Monthly	100%
Cost Estimation Accuracy	=	$\frac{\text{Total Actual Cost of Work}}{\text{Total Estimated Cost Of Work}} \times 100\%$	Monthly	100%
Response Performance	=	$\frac{\text{Number of Service Calls Completed within Targeted Response Time}}{\text{Total Number of Service Calls}} \times 100\%$	Monthly	100%
Rework Rate	=	$\frac{\text{Number of Jobs Requiring Rework}}{\text{Total Number of Jobs Done}} \times 100\%$	Monthly	0%
SHEQ	=	Number of SHEQ Incidents Involving the Contractor	Monthly	0
Contractor Contactability	=	Number of Times that Contractor was not Contactable by the Call Cen <sup>tre</sup>	Monthly	0

The Service Manager must also ensure that the following items are routinely inspected and reported on by the Site Representative for each Health Facility:

- Compliance with general maintenance requirements as specified in the ServiceInformation.

- Manner in which preventative and corrective maintenance is carried out.
- Manner in which the Maintenance Control Plan is implemented and updated.
- Manner in which Task Orders received from the Service Manager is dealt with.
- Manner in which records are kept as required by the Service Information as well as the Occupational Health and Safety Act, Act No 85 of 1993 as amended.
- Quality of services carried out for the month prior to the inspection.

**Note:** The aim of the above inspection is to determine that all the requirements of the specification have been complied with. Should the Service Manager believe that one or more maintenance items referred to above, have been neglected or totally ignored by the Contractor he may decide to implement demerit points as penalty as per X17 for each type of non-compliance found during the inspection.

### C1.3 CIDB ADJUDICATOR'S AGREEMENT

This agreement is made on the ..... day of ..... between:.....  
 ..... (name of company / organisation) of .....  
 .....  
 ..... (address) and. ....  
 ..... (name of company / organisation) of .....  
 .....  
 ..... (address) (the Parties) and. ....  
 ..... (name) of .....  
 .....  
 ..... (address)  
 (the Adjudicator).

Disputes or differences may arise/have arisen\* between the Parties under a Contract dated ..... and known as. ....  
 .....

and these disputes or differences shall be/have been\* referred to adjudication in accordance with the CIDB Adjudication Procedure, (hereinafter called "the Procedure") and the Adjudicator may be or has been requested to act.

\* Delete as necessary

**IT IS NOW AGREED** as follows:

- i The rights and obligations of the Adjudicator and the Parties shall be as set out in the Procedure.
- ii The Adjudicator hereby accepts the appointment and agrees to conduct the adjudication in accordance with the Procedure.
- iii The Parties bind themselves jointly and severally to pay the Adjudicator's fees and expenses in accordance with the Procedure as set out in the Contract Data.
- iv The Parties and the Adjudicator shall at all times maintain the confidentiality of the adjudication and shall endeavour to ensure that anyone acting on their behalf or through them will do likewise, save with the consent of the other Parties which consent shall not be unreasonably refused.
- v The Adjudicator shall inform the Parties if he intends to destroy the documents which have been sent to him in relation to the adjudication and he shall retain documents for a further period at the request of either Party.

SIGNED

SIGNED by:

SIGNED by:

by:

Name:

\_\_\_\_\_

Name:

\_\_\_\_\_

Name:

\_\_\_\_\_

Witness

Witness:

Witness:

Name:

\_\_\_\_\_

Name

\_\_\_\_\_

Name:

\_\_\_\_\_

Address:

\_\_\_\_\_

Address:

\_\_\_\_\_

Address:

\_\_\_\_\_

Date: \_\_\_\_\_ Date: \_\_\_\_\_ Date: \_\_\_\_\_

**Contract Data**

1	The Adjudicator shall be paid at the hourly rate of R..... in respect of all time spent upon, or in connection with, the adjudication including time spent travelling.
2	<p>The Adjudicator shall be reimbursed in respect of all disbursements properly made including, but not restricted to:</p> <ul style="list-style-type: none"> <li>i Printing, reproduction and purchase of documents, drawings, maps, records and photographs.</li> <li>ii Telegrams, telex, faxes, and telephone calls.</li> <li>iii Postage and similar delivery charges.</li> <li>iv Travelling, hotel expenses and other similar disbursements.</li> <li>v Room charges.</li> <li>vi Charges for legal or technical advice obtained in accordance with the Procedure.</li> </ul>
3	The Adjudicator shall be paid an appointment fee of R..... This fee shall become payable in equal amounts by each Party within ..... days of the appointment of the Adjudicator, subject to an Invoice being provided. This fee will be deducted from the final statement of any sums which shall become payable under item 1 and/or item 2 of the Contract Data. If the final statement is less than the appointment fee the balance shall be refunded to the Parties.
4	The Adjudicator is/is not* currently registered for VAT.
5	Where the Adjudicator is registered for VAT it shall be charged additionally in accordance with the rates current at the date of invoice.
6	All payments, other than the appointment fee (item 3) shall become due 7 days after receipt of invoice, thereafter interest shall be payable at 5% per annum above the Reserve Bank base rate for every day the amount remains outstanding.

\* Delete as necessary

**C1.4 OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION**

**IMPLEMENTED BY THE DEPARTMENT OF PUBLIC WORK**

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## 1. PREAMBLE

In terms of Construction Regulation 4(1)(a) of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), and 5(1) construction regulation of 2014, the Department of Public Works, as the Client and/or its Agent on its behalf, shall be responsible to prepare Health & Safety Specifications for any intended construction project and provide any Principal Contractor who is making a bid or appointed to perform construction work for the Client and/or its Agent on its behalf with the same.

The Client's further duties are as described in The Act and the Regulations made there-under. The Principal Contractor shall be responsible for the Health & Safety Policy for the site in terms of Section 7 of the Act and in line with Construction Regulation 5 as well as the Health and Safety Plan for the project.

This 'Health and Safety Specifications' document is governed by the "Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), hereinafter referred to as 'The Act'. Notwithstanding this, cognizance should be taken of the fact that no single Act or its set of Regulations can be read in isolation.

Furthermore, although the definition of Health and Safety Specifications stipulates 'a documented specification of all health and safety requirements pertaining to associated works on a construction site, so as to ensure the health and safety of persons', it is required that the entire scope of the Labour legislation, including the Basic Conditions of Employment Act be considered as part of the legal compliance system. With reference to this specification document this requirement is limited to all health, safety and environmental issues pertaining to the site of the project as referred to here-in. Despite the foregoing it is reiterated that environmental management shall receive due attention.

Due to the wide scope and definition of construction work, every construction activity and site will be different, and circumstances and conditions may change even on a daily basis. Therefore, due caution is to be taken by the Principal Contractor when drafting the Health and Safety Plan based on these Health and Safety Specifications. Prior to drafting the Health and Safety Plan, and in consideration of the information contained here-in, the contractor shall set up a Risk Assessment Program to identify and determine the scope and details of any risk associated with any hazard at the construction site, in order to identify the steps needed to be taken to remove, reduce or control such hazard. *This Risk Assessment and the steps identified will be the basis or point of departure for the Health and Safety Plan.* The Health and Safety Plan shall include documented 'Methods of Statement' (see definitions under Construction Regulations) detailing the key activities to be performed in order to reduce as far as practicable, the hazards identified in the Risk Assessment.

In this a high premium is to be placed on the health and safety of the most valuable assets of the Department of Public Works. These are its personnel, the personnel of its Clients and the physical assets of which it is the custodian and may also include the public as well. The responsibilities the Department and relevant stakeholders have toward its employees and other people present in the facilities or on the sites

are captured further in this specification document. These responsibilities stem from both moral, civil and a variety of legal obligations. The Principal Contractor is to take due cognizance of the above statement.

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Every effort has been made to ensure that this specification document is accurate and adequate in all respects. Should it however, contain any errors or omissions they may not be considered as grounds for claims under the contract for additional reimbursement or extension of time, or relieve the Principal Contractor from his responsibilities and accountability in respect of the project to which this specification document pertains. Any such inaccuracies, inconsistencies and/or inadequacies must immediately be brought to the attention of the Agent and/or Client.

## **2. SCOPE OF HEALTH AND SAFETY SPECIFICATION DOCUMENT**

These Specifications should be read in conjunction with the Act, the Construction Regulations and all other Regulations and Safety Standards which were or will be promulgated under the Act or incorporated into the Act and be in force or come into force during the effective duration of the project. The stipulations in this specification, as well as those contained in all other documentation pertaining to the project, including contract documentation and technical specifications shall not be interpreted, in any way whatsoever, to countermand or nullify any stipulation of the Act, Regulations and Safety Standards which are promulgated under, or incorporated into the Act.

This health and safety specification in respect of a construction work contract:

- a) provides the overarching framework within which the contractor is required to demonstrate compliance with certain requirements for occupation health and safety established by the Occupational Health and Safety Act of 1993 during construction;
- b) establishes the manner in which the contractor is to manage the risk of health and safety incidents during the construction; and
- c) establishes the manner in which the employer's health and safety agent will interact with the contractor.

**Note 1** This specification establishes generic requirements to enable the employer and the contractor to satisfy aspects of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and the Construction Regulations, 2014. The contractor is required to develop, implement and maintain package specific health and safety plans. The employer is required to provide certain package specific information to the contractor or a health and safety specification for the works to enable such plans to be formulated.

Accordingly, this generic specification on its own cannot ensure compliance with the requirements of the aforementioned Act (See Annexure A).

**Note 2:** The Construction Regulations, 2014, require an employer to stop any contractor from executing construction work which is not in accordance with the contractor's health and safety plan for the site or which poses to be a threat to the health and safety of persons. **Note 3:** This specification establishes generic health and safety requirements. Site specific requirements for health and safety are stated in the scope of work associated with a contract (see Annexure A).

**Note 4:** The South African Council for the Project and Construction Management Professions has established the following specified categories of registration in terms of the Project and Construction Management Professions Act of 2000 (Act No. 48 of 2000):

- a) a Construction Health and Safety Agent who may be appointed by an employer to act as his agent in terms of the Occupational Health and Safety Act of 1993 and the Construction Regulations issued in terms of that Act;
- b) a Construction Health and Safety Manager who may be appointed by an employer to complement his professional team or by a contractor to manage company or project health and safety performance and compliance in accordance with the Occupational Health and Safety Act and Regulations; and a Construction Health and Safety Officers who may be appointed by an employer to mitigate the risk on a project or by a contractor to monitor and assist on-site health and safety performance and compliance in accordance with the Occupational Health and Safety Act and Regulations and services.

### 3. PURPOSE

The Department is obligated to implement measures to ensure the health and safety of all people and properties affected under its custodianship or contractual commitments, and is further obligated to monitor that these measures are structured and applied according to the requirements of these Health and Safety Specifications.

The purpose of this specification document is to provide the relevant Principal Contractor (and his /her contractor) with any information other than the standard conditions pertaining to construction sites which might affect the health and safety of persons at work and the health and safety of persons in connection with the use of plant and machinery; and to protect persons other than persons at work against hazards to health and safety arising out of or in connection with the activities of persons at work during the carrying out of construction work for the Department of Public Works. The Principal Contractor (and his /her contractor) is to be briefed on the significant health and safety aspects of the project and to be provided with information and requirements on inter alia:

- a) Safety considerations affecting the site of the project and its environment;
- b) Health and safety aspects of the associated structures and equipment;
- c) submissions on health and safety matters required from the Principal Contractor (and his /her contractor); and
- d) the Principal Contractor's (and his /her contractor) health & safety plan.

To serve to ensure that the Principal Contractor (and his /her contractor) is fully aware of what is expected from him/her with regard to the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and the Regulations made there-under including the applicable safety standards, and in particular in terms of Section 6, 7 and 8 of the construction regulation (2014)

To inform the Principal Contractor that the Occupational Health and Safety Act, 1993 (Act 85 of 1993) in its entirety shall apply to the contract to which this specification document applies. The Construction Regulations promulgated on 07 February 2014.

### **CREATING AND MAINTAINING A SAFE AND HEALTHY WORK ENVIRONMENT**

#### ***General***

The contractor shall with respect to the site and the construction work that are contemplated:

1. cause a preliminary hazard identification to be performed by a competent person before commencing any physical construction activity;
2. evaluate the risks associated with the identified hazard to the health and safety of such employees and the steps that need to be taken to comply with the Act; and
3. as far as is reasonably practicable, prevent the exposure of such employees to the hazards concerned or, where prevention is not reasonably practicable, minimize such exposure.

The contractor shall ensure that:

- all reasonably practicable steps are taken to prevent the uncontrolled collapse of any new or existing structure or any part thereof, which may become unstable or is in a temporary state of weakness or instability due to the carrying out of construction work; no structure or part of a structure is loaded in a manner which would render it unsafe; and
- account of information, if any, provided by the designer of the structure is taken into account in the risk assessment.

Note: The information provided by the designer should outline known or anticipated dangers or hazards relating to the work and make available all information required for the safe execution of the work. It should provide as relevant, geotechnical information (or make reference to reports provided in the site information), the loading the structure is designed to withstand, the methods and sequence of construction.

The contractor shall carry out regular inspections and audits to ensure that the work is being performed in accordance with the requirements of this specification.

#### 4. DEFINITIONS

*The most important definitions in the Act and Regulations pertaining to this specification document are hereby extracted.*

**Act:** the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)

**Accident** – means unplanned occurrence that happens due to the unsafe condition and may cause injury to a person, damage to the property, material, plant, equipment and the environment;

**Agent** – means any person who acts as a representative for a client. The word agent, in some instances, may be used interchangeably with the Construction Health and Safety Agent, the distinguishing factor will be on the role expected to be played by the agent mentioned. For example, all H&S related issues (audits, inspections, and/or reports) are done by the Construction Health and Safety Agent, whilst the accountability of overall project success or portions of the work is done by the Agent i.e. Principal Agent or Project Manager or Engineer.

**Client** means Department of Public Works

**Competent person** means a person who-

(a) has in respect of the work or task to be performed the required knowledge, training and experience and, where applicable, qualifications, specific for that work or task: Provided that where appropriate qualifications and training are registered in terms of the provisions of the National Qualifications Framework Act, 2000 (Act No. 67 of 2000), those qualifications and that training must be regarded as the required qualifications and training; and

(b) Is familiar with the OHS Act, Act 85 of 1993 and with the applicable regulations made under the Act; **Construction Health & Safety Agent (SACPCMP)** – The person or entity appointed by the client through the Agent and who has a full authority and obligation to act on the client's behalf in terms of the construction regulations. *Pr. CHSA* means a competent person who acts as a representative for a Client in terms of regulation (5)5.

**Contract Amount**” Financial value of the contract at the time of the award of the contract, exclusive of all allowance and any value added tax or sales tax which the law requires the employer to pay to the contractor.

**contractor:** person or organization that contracts to provide the work covered by the contract

**contract manager:** person appointed by the employer to administer the contract on his behalf

**competent person:** any person who:

- a) has in respect of the work or task to be performed the required knowledge, training and experience and, where applicable, qualifications specific to that work or task; and
- b) is familiar with the Act and applicable regulations made in terms of the Act

Note: The Regulations stipulate that where appropriate qualifications and training are registered in terms of the provisions of the National Qualification Framework Act of 2000, those qualifications and training must be regarded as the required qualifications and training.

**danger:** anything which may cause injury or damage to persons or property

**employer:** person or organisation that enters into a contract with the contractor for the provision of the work covered by the contract

**employer’s health and safety agent:** the person appointed as agent by the employer in terms of Regulation 4(5) of the Construction regulations and named in the contract data as the being the employer’s agent responsible for health and safety matters. **This is a Construction Health & Safety Agent (SACPCMP)** – The person or entity appointed by the client through the Agent and who has a full authority and obligation to act on the client’s behalf in terms of the construction regulations.

**"Construction Manager (Site Agent)"** means a competent person responsible for the management of the physical construction processes and the coordination, administration and management of resources on a construction site;

**Construction Site** means a work place where construction work is being performed;

**Construction Supervisor** means a competent person responsible for supervising construction activities on a construction site;

**Construction Vehicle** means a vehicle used as a means of conveyance for transporting persons or material, or persons and material, on and off the construction site for the purposes of performing construction work;

**Construction work** means any work in connection with –

- a) The construction, erection, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure; or
- b) the construction, erection, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system; or the moving of earth, clearing of land, the making of excavation, piling, or any similar civil engineering structure or type of work;

**Construction Work Permit** means a document issued in terms of regulation 3 of the Construction Regulations 2014;

**CR** refers to the Construction Regulations 2014.

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**Demolition Work** means a method to dismantle, wreck, break, pull down or knock down of a structure or part thereof by way of manual labour, machinery, or the use of explosives;

**ergonomics:** the application of scientific information concerning humans to the design of objects, systems and the environment for human use in order to optimize human well-being and overall system performance. **Fall Protection Plan** means a documented plan, which includes and provides for-

- All risks relating to working from a fall risk position, considering the nature of work undertaken;
- The procedures and methods to be applied in order to eliminate the risk of falling; and
- A rescue plan and procedures;

**H&S** – health and safety

**hazard:** a source of or exposure to danger

**hazard identification:** the identification and documenting of existing or expected hazards to the health and safety of persons, which are normally associated with the type of construction work being executed or to be executed.

**Health and Safety File** – means a file, or other record in permanent form, containing the information required as contemplated in the regulations;

**health and safety plan:** a documented plan which addresses hazards identified and includes safe work procedures to mitigate, reduce or control the hazards identified.

**health and safety specification:** a site, activity or project specific document pertaining to all health and safety requirements related to construction work which is included in the contractor's contract with the employer or an order issued in terms of framework agreement

**healthy:** free from illness or injury attributable to occupational causes

**incident:** an event or occurrence occurring at work or arising out of or in connection with the activities of persons at work, or in connection with the use of plant or machinery, in which, or in consequence of which:

- a) any person dies, becomes unconscious, suffers the loss of a limb or part of a limb or is otherwise injured or becomes ill to such a degree that he is likely either to die or to suffer a permanent physical defect or likely to be unable for a period of at least 14 days either to work or to continue with the activity for which he was employed or is usually employed;
- b) a major incident occurred; or
- c) the health or safety of any person was endangered and where:
  - i) a dangerous substance was spilled;
  - ii) the uncontrolled release of any substance under pressure took place;
  - iii) machinery or any part thereof fractured or failed resulting in flying, falling or uncontrolled moving objects; or machinery ran out of control

**inspector:** a person designated as such under section 28 the Act

**major incident:** an occurrence of catastrophic proportions, resulting from the use of plant or machinery, or from activities at a workplace.

**Medical Certificate of Fitness** means a certificate contemplated in regulation 7(8) of ConstructionRegulations 2014;

**Practical Completion Certificates-** A certificates issued in terms of a contract by the employer, signifyingthat the whole of the construction works have reached a state of readiness for occupation or use for the purposes intended, although some minor work may be outstanding.

**"Professional Engineer or Professional Certificated Engineer"** means a person holding registration as either a Professional Engineer or Professional Certificated Engineer in terms of the Engineering ProfessionAct, 2000 (Act No. 46 of 2000);

**reasonably practicable:** practicable having regard to:

- a) the severity and scope of the hazard or risk concerned;
- b) the state of knowledge reasonably available concerning that hazard or risk and of any means of removing or mitigating that hazard or risk;
- c) the availability and suitability of means to remove or mitigate that hazard or risk; and
- d) the cost of removing or mitigating that hazard or risk in relation to the benefits deriving therefrom;

**risk –** means the likelihood that harm will occur and the subsequent consequences.

**“Risk assessment” –** means a process to determine any risk associated with any hazard at a constructionsite in order to identify the steps needed to be taken to mitigate, reduce or control such hazards.

**safe:** free from any hazard

**Safety Officer –** a person deemed competent by SACPCMP under the relevant category of registration.

**scaffold:** any temporary elevated platform and supporting structure used for providing access to and supporting workmen or materials or both

**structure:**

- a) any building, steel or reinforced concrete structure (not being a building), railway line or siding, bridge, waterworks, reservoir, pipe or pipeline, cable, sewer, sewage works, fixed vessels, road, drainage works, earthworks, dam, wall, mast, tower, tower crane, bulk mixing plant, pylon, surfaceand underground tanks, earth retaining structure or any structure designed to preserve or alter anynatural feature, and any other similar structure;
- b) any false work, scaffold or other structure designed or used to provide support or means of accessduring construction work; or
- c) any fixed plant in respect of construction work which includes installation, commissioning, decommissioning or dismantling and where any construction work involves a risk of a person falling

**substance:** any solid, liquid, vapour, gas or aerosol, or combination thereof

**suitable:** capable of fulfilling or having fulfilled the intended function or fit for its intended purpose

**temporary works:** any false work, formwork, support work, scaffold, shoring or other temporary structure designed to provide support or means of access during construction

**workplace:** any premises or place where a person performs work in the course of his employment

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## 5. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

### 5.1 Structure and Organization of OH&S Responsibilities

#### 5.1.1. Overall Supervision and Responsibility for OH&S

- a) The Client and/or its Agent on its behalf to ensure that the Principal Contractor, appointed in terms of Construction Regulation 4(1)(c), implements and maintains the agreed and approved H&S Plan. Failure on the part of the Client or Agent to comply with this requirement will not relieve the Principal Contractor from any one or more of his/her duties under the Act and Regulations.
- b) The Chief Executive Officer of the Principal Contractor in terms of Section 16 (1) of the Act to ensure that the Employer (as defined in the Act) complies with the Act. The pro forma Legal Compliance Audit may be used for this purpose by the Principal Contractor or his/her appointed contractor.
- c) All OH&S Act (85 /1993), Section 16 (2) appointee/s as detailed in his/her/their respective appointment forms to regularly, in writing, report to their principals on matters of health and safety per routine and ad hoc inspections and on any deviations as soon as observed, regardless of whether the observation was made during any routine or ad hoc inspection and to ensure that the reports are made available to the principal Contractor to become part of site records (Health & Safety File).
- d) The Construction Supervisor and Assistant Construction Supervisor/s appointed in terms of Construction Regulation 6 to regularly, in writing, report to their principals on matters of health and safety per routine and ad hoc inspections and on any deviations as soon as observed, regardless of whether the observation was made during any routine or ad hoc inspection and to ensure that the reports are made available to the principal Contractor to become part of site records (Health & Safety File).
- e) All Health and Safety Representatives (SHE-Reps) shall act and report as per Section 18 of the Act.

#### 5.1.2. Required appointments as per the Construction Regulations: -

Item	Regulation	Appointment	Responsible Person
1.	3.	Application Construction work permit	Client
2.	5(1)(k)	Principal contractor for each phase or project	Client
3.	5(6)	Construction Health & Safety Agent	Client
4.	7.(1)(c)	Contractor	Principal Contractor
5.	7(3)	Contractor	Contractor
6.	8(1)	Construction manager	Contractor

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7.	8(2)	Assistance Construction manager	Contractor
8.	6(1)	Construction supervisor	Contractor
9.	6(2)	Construction supervisor sub-ordinates	Contractor
10.	8(5)	Construction Safety Officer	Contractor
11.	8(8)	Responsible employee	
12.	9(1)	Person to carry out risk assessment	Contractor
13.	10(1)	Fall protection planner	Contractor
14.	12(1)	Temporal work designer	
15.	12(2)	Supervisor of temporal work operation	
16.	13(1)	Excavation supervisor	Contractor
17.	13(2)(k)	Competent person in the use of explosive for excavations	Contractor
18.	14(11)	Explosives expert	Contractor
19.	14(1)	Supervisor demolition work	Contractor
20.	14(2)	Scaffold supervisor	Contractor
21.	16(1)	Suspended platform supervisor	Contractor
22.	18(1)a	Rope access	Contractor
23.	19(8)(a)	Material hoist inspector	Contractor
24.	20(1)	Bulk mixing plant supervisor	Contractor
25.	21(2)	Explosive actuated fastening device inspector	Contractor
26.	21(2)(g)	Explosive actuated fastening device cartridge, nails and studs: issuer & collector	Contractor
27.	23 (1)	Operator : construction vehicle and mobile plant	Contractor
28.	28 (a)	Stacking and storage supervisor	Contractor
29.	29 (h)	Fire equipment inspector	Contractor

## **5.2 Communication, Participation & Consultation**

5.2.1 Occupational Health & Safety matters/issues shall be communicated between the Employer, the Principal Contractor, the other Contractors, the Designer and other concerned parties shall be through the H&S Committee or other means determined by the client.

5.2.2 In addition to the above, communication may be directly to the Client or his appointed Agent, verbally or in writing, as and when the need arises.

5.2.3 Consultation with the workforce on OH&S matters will be through their Supervisors and  
**C1 Agreement and Contract Data**



## H&S Representatives ('SHE – Reps')

- 5.2.4 The Principal Contractor will be responsible for the dissemination of all relevant OH&S information to the other Contractors e.g. design changes agreed with the Client and/or its Agent on its behalf and the Designer, instructions by the Client and/or his/her agent, exchange of information between Contractors, the reporting of hazardous/dangerous conditions/situations etc.

## 6. INTERPRETATION

- a) The Act and its associated regulations shall have precedence in the interpretation of any ambiguity or inconsistency between it and this specification.
- b) Compliance with the requirements of this specification does not necessarily result in compliance with the provisions of the Act.
- c) The Occupational Health and Safety Act and all its Regulations, with the exception of the Construction Regulations, distinguish between the roles, responsibilities and functions of employers and employees respectively. It views consultants and contractors as employees of the "owner" of a construction or operational project, the "owner" being regarded as the employer.
- d) The position taken by the Construction Regulations is that the "owner", in terms of its instructions, operates (has to operate) in the role of client as per relevant definition. The contractors working for the "client" are seen to be in two categories, i.e. the Principal Contractor and Contractors.
- e) The Principal Contractor has to take full responsibility for the health and safety on the site of the relevant project / contract. This includes monitoring health and safety conditions and overseeing administrative measures required by the Construction Regulations from all contractors on the project site.
- f) The words **Principal Contractor** and **Contractor** in this document are used interchangeably, unless clearly expressed otherwise to mean something else e.g. when used to describe roles, responsibilities, functions, acts or omissions of the sub-contractor(s).

## 7. RESPONSIBILITIES

### 7.1 Client

- a) The Client or his appointed Agent on his behalf will appoint each Principal Contractor for this project phase/section of the project in writing for assuming the role of Principal Contractor as intended by the Construction Regulations.
- b) The Client or his appointed Agent on his behalf shall discuss and negotiate with the Principal Contractor the contents of the health and safety plan of the both Principal Contractor and Contractor for approval.
- c) The Client or his appointed Agent on his behalf will take reasonable steps to ensure that the health and safety plan of both the Principal Contractor and Contractor is implemented and maintained. The steps taken will include periodic audits at intervals of at least once every month.

- d) The Client or his appointed Agent on his behalf, will prevent the Principal Contractor and/or the Contractor from commencing or continuing with construction work should the Principal Contractor and/or the Contractor at any stage in the execution of the works be found to:
- have failed to have complied with any of the administrative measures required by the Construction Regulations in preparation for the construction project or any physical preparations necessary in terms of the Act;
  - have failed to implement or maintain their health and safety plan;
  - have executed construction work which is not in accordance with their health and safety plan; or
  - act in any way which may pose a threat to the health and safety of any person(s) present on the site of the works or in its vicinity, irrespective of him/them being employed or legitimately on the site of the works or in its vicinity.

## **7.2 Principal Contractor**

- a) The Principal Contractor shall accept the appointment under the terms and Conditions of Contract. The Principal Contractor shall sign and agree to those terms and conditions and shall, before commencing work, notify the Department of Labour of the intended construction. Annexure 2 of this construction regulation contains a "Notification of Construction Work" form. The Principal Contractor shall submit the notification in writing prior to commencement of work and inform the Client or his Agent accordingly.
- b) The Principal Contractor shall ensure that he is fully conversant with the requirements of this Specification and all relevant health and safety legislation.
- c) The Principal Contractor will in no manner or means be absolved from the responsibility to comply with all applicable sections of the Act, the Construction Regulations or any Regulations proclaimed under the Act or which may be perceivable be applicable to this contract.
- d) The Principal Contractor shall provide and demonstrate to the Client a suitable and sufficiently documented health and safety plan based on this Specification, the Act and the Construction Regulations, which shall be applied from the date of commencement of and for the duration of execution of the works. This plan shall, as appendices, include the health and safety plans of all Sub-contractors for which he has to take responsibility in terms of this contract.
- e) The Principal Contractor shall provide proof of his registration and good standing with the Compensation Fund or with a licensed compensation insurer prior to commencement with the works.
- f) The Potential Principal Contractor shall, in submitting his tender, demonstrate that he has made provision for the cost of compliance with the specified health and safety requirements, the Act and Construction Regulations. (Note: This shall have to be contained in the conditions of tender upon which a tenderer's offer is based.)
- g) The Principal Contractor shall consistently demonstrate his competence and the adequacy of his resources to perform the duties imposed on the Principal Contractor in terms of this Specification, the Act and the Construction Regulations.
- h) The Principal Contractor shall ensure that a copy of his health and safety plan is available on site and is presented upon request to the Client, an Inspector, Employee or Sub-contractor.

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- i) The Principal Contractor shall ensure that a health and safety file, which shall include all documentation required in terms of the provisions of this Specification, the Act and the Construction Regulations, is opened and kept on site and made available to the Client or Inspector upon request. Upon completion of the works, the Principal Contractor shall hand over a consolidated health and safety file to the Client.
- j) The Principal Contractor shall, throughout execution of the contract, ensure that all conditions imposed on his Sub-contractors in terms of the Act and the Construction Regulations are complied with as if they were the Principal Contractor.
- k) The Principal Contractor shall from time to time evaluate the relevance of the Health and Safety Plan and revise the same as required, following which revised plan shall be submitted to the Client and/or his/her Agent for approval.

### **7.3 Contractor / sub-contractor**

The contractor must demonstrate to the Principal Contractor that he has the necessary competencies and resources to perform the construction work safely.

Acceptance by the Principal Contractor of the contract with Public Works shall constitute acknowledgement that the Principal Contractor has familiarised him/herself with the contents of the OHSE Spec and that he/she will comply with all its obligations in respect thereof.

Due to fact that this document is based on legislative requirements, the Client requires that all Contractors comply with the requirements of this document and all other relevant legislative requirements not covered by this document.

The Client or its duly appointed Construction H&S Agent reserves the right to stop any Principal Contractor or Sub-Contractors from working whenever Safety, Health or Environmental requirements are being violated as required by regulation 5(1)(q). Any resultant costs of such work stoppages will be for the relevant Contractor's account.

The requirements as specified by the Client in this document must not be deemed to be exhaustive and the Client reserves the right to make changes as and when the Client deems fit to address issue of OHSE Compliance.

The Client will not entertain any claim of any nature whatsoever which arises as a result of costs incurred or delays being experienced due to the Contractor not complying with the requirements of this document and/or any other applicable legislative requirements imposed on the Contractor.

The contractor may only subcontract work in terms of a written subcontract and shall only appoint a subcontractor should he be reasonably satisfied that such a subcontractor has the necessary competencies and resources to safely perform the work falling within the scope of the contract. Such a subcontract shall require that the subcontractor:

- co-operate with the contractor as far as is necessary to enable both the contractor and sub-contractor to comply with the provisions of the Act; and **C1 Agreement and Contract Data**

- as far as is reasonably practicable, promptly provide the contractor with any information which might affect the health and safety of any person at work carrying out work or any person who might be affected by the work of such a person at work or which might justify a review of the health and safety plan.

The contractor shall provide any sub-contractor who is submitting a tender or appointed to perform a sub- contract falling within the scope of the contract, with the relevant sections of this specification and the health and safety specification.

The contractor shall discuss and negotiate with each subcontractor performing construction work the subcontractor's health and safety plan and approve that plan for implementation.

The contractor shall take reasonable steps as are necessary to ensure that:

- potential contractors submitting tenders have made sufficient provision for health and safety measures during the construction process;
- each subcontractor is registered and in good standing with the compensation fund or with a licensed compensation insurer prior to their performance of work on site;
- all the subcontractor's employees have a valid medical certificate of fitness specific to the construction work which are to be performed which is issued by an occupational health and safety practitioner;
- all sub-contractors co-operate with each other to enable each of those sub-contractors to comply with the requirements of the Act and associated regulations;
- each subcontractor performing construction work has and maintains a health and safety file containing the relevant information described in 4.2.5; and
- each sub-contractor's health and safety plan is implemented and maintained.

The contractor shall conduct periodic document verifications and audits for compliance with the approved health and safety plan of each and every sub-contractor working on the site at intervals agreed upon with such subcontractors, but at least once per month.

The contractor shall stop any subcontractor from executing construction work which is not in accordance with the contractor's or subcontractor's health and safety plan for the site or which poses a threat to the health and safety of persons.

The contractor shall ensure that where changes to the works occur including design changes, sufficient health and safety information and appropriate resources are made available to subcontractor to execute the work safely.

The contractor shall ensure that:

- every subcontractor is registered and in good standing with the compensation fund or

- with a licensed compensation insurer prior to work commencing on site;
- potential subcontractors submitting tenders have made provision for the cost of health and safety measures during the construction process; and
- every subcontractor has in place a documented health and safety plan prior to commencing any work on site which falls within the scope of the contract.

The contractor shall receive, discuss and approve health and safety plans submitted by subcontractors.

The contractor shall ensure that all subcontractors are informed regarding any hazard as stipulated in the risk assessment before any work commences, and thereafter at such times as may be determined in the risk assessment.

The contractor shall reasonably satisfy himself that all employees of subcontractors are informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment.

The contractor shall satisfy himself and ensure that all subcontractor employees deployed in the site are:

- informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment; and
- issued with proof of health and safety induction training issued by a competent person and carry proof such induction when working on site.

The contractor shall undertake a risk assessment together with subcontractors whenever subcontractors are working in close proximity to other subcontractors particularly activities involve excavations, the moving of earth, the movement of heavy machinery and working at heights

#### **7.4 Construction supervisors**

The construction manager shall in writing appoint construction supervisors responsible for construction activities and ensuring occupational health and safety compliance on the construction site.

A contractor shall after considering the size of the project and if considered necessary, appoint in writing one or more competent employees for different sections of the work to assist the construction supervisor.

#### **7.5 Competent persons**

The contractor shall appoint in writing competent persons to supervise or inspect, as relevant, any of the following:

- formwork and support work operations;
- excavation work;
- demolition work;
- scaffolding work operations;
- suspended platform work operations;

- material hoists;
- bulk mixing plants;
- temporary electrical installations;
- the stacking and storage of articles on the site; and
- fire equipment.

The contractor shall appoint in writing competent persons to:

- induct employees in health and safety; and
- prepare and update as necessary a fall protection plan and to provide the construction manager with a copy of the latest version of such plan.

### **8. Appointment of a Fulltime/ Part time Safety Officer**

The Principal Contractors will have to appoint a competent Construction H&S Officer as per the following criteria;

- i. Number of employees onsite between 30 but below 50 – Part Time Safety Officer shall be appointed and will be onsite at least 2 days a week.*
- ii. Number of employees above 50 – Fulltime Safety Officer should be appointed.*
- iii. Should the project require a Construction Work Permit – a Fulltime Safety Officer should be appointed.*

Further to the above criteria, should the Client or its Representative having considered the risks present and lack of compliance to the Occupational Health and Safety Act, Act 85 of 1993 and its applicable Regulations the Client or its Representative may issue an instruction that a Part/ Full Time Construction Health and

Safety Officer must be appointed, such a requirement will have to be met. Taking the Risk associated with this project into consideration it is deemed that a full time Safety Officer needs to be appointed and be present on site at all times.

#### **8.1. Responsibilities towards employees and visitors**

1. The contractor shall as far as is reasonably practicable, cause every employee to be made conversant with the hazards to his health and safety attached to any work which he has to perform, any article or substance which he has to produce, process, use, handle, store or transport and any plant or machinery which he is required or permitted to use, as well as with the precautionary measures which should be taken and observed with respect to those hazards or safe work procedures.
2. The contractor shall ensure that all employees under his or her control and the employees of his subcontractors who are performing construction work are:

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- informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment; and
  - issued with proof of health and safety induction training issued by a competent person and carry proof of such induction when working on site.
3. The contractor shall cause a record of training to be kept which indicates the training dates, the names, identity numbers and job description of all those who attended such training and the name, identity number and competence of the person who provided the training.
  4. The contractor shall not allow or permit any employee to enter the site, unless such person has undergone health and safety induction training pertaining to the hazards prevalent on the site at the time of entry.
  5. The contractor shall ensure that each visitor to a construction site, save where such visitor only visits the site office and is not in direct contact with the construction work activities:
    - a. undergoes health and safety instruction pertaining to the hazards prevalent on the site; and
    - b. is provided with the necessary personal protective equipment.
  6. The contractor shall provide suitable on-site signage to alert workers and visitors to health and safety requirements. Such signage shall include but not be limited to:
    - a. unauthorized entrance prohibited;
    - b. signage to indicate what personal protective equipment is to be worn; and
    - c. activity related signs.
  7. The contractor shall not permit any person who is or who appears to be under the influence of intoxicating liquor or drugs, to enter or remain at a workplace.

## **8.2. Design of temporary work**

The contractor shall:

- a) provide the health and safety agent with the names and contract particulars of the designers involved in the design of temporary works;
- b) issue the designers with a copy of the health and safety specification as well as any pertinent information contained in the contract; and
- c) provide the health and safety agent with certificates issued by the designer of the temporary works that such works are fit for purpose before such works are used in support construction activities

### 8.3. Notification of intention to commence construction work

- i. The contractor shall on sites where no construction work permit has been issued by the Provincial Director of the Department of Labour notify such director in writing using a form similar to that contained in Annexure 2 of the Construction Regulations issued in terms of the Act before construction work commences and retain proof of such notification in the health and safety file where the work includes:
  - a. excavation work;
  - b. working at height where there is a risk of falling;
  - c. the demolition of a structure;
  - d. the use of explosives; or
  - e. a single storey dwelling for a client who is going to reside in such dwelling upon completion
- ii. The contractor shall ensure that no work commences on an electrical installation which requires a new supply or an increase in electricity supply before the person who supplies or contracts or agrees to supply electricity to that electrical installation has been notified of such work.
- iii. The contractor shall ensure that no asbestos.

## 9. PREPARING A HEALTH & SAFETY PLAN

- (a) The level of detail required for a H&S plan will depend on how complex the workplace is (in particular, the number of contractors at the workplace at any one time) and the risks involved in the work. The plan must be easily accessible in a construction site and it must be clearly understood by management, supervisors & workers on construction site.
- (b) The plan must be implemented, maintained and kept up to date during the construction of the project.
- (c) The principal contractor should prepare a H&S plan that includes
  - project information;
  - client requirements for H&S management on the project;
  - Environmental restrictions and existing on-site risks arrangements, imposed by others or developed by the principal contractor, to control significant site H&S risks; H&S file & project H&S review.
- (d) The H&S plan should include the following information:
  - details of the client, that is the person commissioning the construction work, for example their name, representative and contact details;
  - details of the principal contractor;
  - details of the construction project, for example address of the workplace, anticipated start and end date and a brief description of the type of construction work that the H&S plan will

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cover;

- details on how subcontractors will be managed and monitored, including how the principal contractor intends to implement and ensure compliance with the H&S plan such as checking on the performance of subcontractors and how non-compliance will be handled; and
- details on how the risks associated with falls, falling objects, moving plant, electrical work and all high risk construction work that will take place on a construction project will be managed.

(e) The H&S plan should also include information on:

- the provision and maintenance of a hazardous chemicals register, safety data sheets and hazardous chemicals storage;
- the safe use and storage of plant;
- obtaining and providing essential services information – electrical, gas, telecom, water and similar services;
- workplace security and public safety; and
- ensuring workers have appropriate licences and training to undertake the construction work.

(f) The H&S plan must contain:

- a general description of the type of work activities involved in the project and not just a description of the facility to be constructed;
- the project program or schedule details, including start and finish dates, showing principal activities;
- details of client, design team, principal contractor, subcontractors, and major suppliers; and
- extent and location of relevant existing records, surveys, site investigation and geotechnical reports, 'as-built' plans, H&S files.

## 10. HEALTH AND SAFETY FILE

- a) The H&S file is a document prepared by the principal contractor containing important project H&S information for use by the owner of the completed structure after construction has been completed.
- b) The principal contractor is responsible for producing an H&S file. It contains important project H&S information for use by the owner of the completed structure after construction has been completed. It is essential that the process of compiling the file commences as early as possible to ensure sufficient time to gather the required information.
- c) The Principal Contractor must, in terms of Construction Regulation 7(7), keep a Health & Safety File on site at all times that must include all documentation required in terms of the Act and Regulations and must also include a list of all Contractors on site that are accountable to the Principal Contractor and the agreements between the parties and details of work being done. A more detailed list of documents and other legal requirements that must be kept in the Health & Safety File.

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- d) The contractor must ensure that the client's format and layout of the H&S file is adhered to. The contractor must identify the responsible person that will prepare the H&S file and who will be responsible for the drafting of as-built drawings. The contractor must establish procedures:
- e) The Health and Safety File will remain the property of the Client and/or its Agent on its behalf throughout the period of the project and shall be consolidated and handed over to the Client and/or its Agent on its behalf at the time of completion of the project.
- f) The contractor shall establish and maintain on site a health and safety file which contains copies, as relevant of:

the following documents which shall be placed in the file prior to commencing with physical construction activities:

- copy of the construction work permit issued in terms of the Construction Regulations 2014;
  - the contractor's health and safety policy, signed by the chief executive officer, which outlines the contractor's objectives and how they will be achieved and implemented by the contractor;
  - copies of all risk assessments that were conducted.
  - the notification made to the Provincial Director of Labour, and if relevant, the notification of the person who supplies or contracts or agrees to supply electricity to that electrical installation;
  - the letters of appointment, as relevant, together with a brief curriculum vita (CV) of:
    - the construction manager and any assistant construction managers;
    - the construction health and safety manager
    - the construction health and safety officer
    - the risk assessor who is tasked to perform the risk assessments; and
    - the registered person responsible for the electrical installation covered by the Electrical Installations Regulations;
    - the authorised persons responsible for gas appliances, gas system gas reticulation system covered by the Pressure Equipment Regulations;
- g) a copy of the certificate of registration of the registered person responsible for the electrical installation covered by the Electrical Installations Regulations;
- h) the approval of the design of the part of an electrical installation which has a voltage in excess of 1kV by a person deemed competent in terms of the Electrical Installations Regulations;
- i) proof of registration of the electrical contractor who undertakes the electrical installation in terms of the Electrical Installations Regulations;
- j) the preliminary hazard identification undertaken by a competent person;
- k) the organogram which outlines the roles of the construction supervisor's assistants and safety officers; and
- l) the contractor's health and safety plan;
- m) the emergency procedures;
- n) the procedure for the issuing and replacement of lost, stolen, worn or damaged personal protective clothing and equipment; and

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- o) proof that the contractor and all the subcontractors are registered and in good standing with the compensation fund or with a licensed compensation insurer relevant to the type of work performed;
- p) the following documents, as relevant, which shall be placed in the file after construction activities have commenced;
- q) the letters of appointments, if relevant, together with a brief curriculum vita (CV) of:
  - persons who are required to assist the construction supervisor;
  - construction supervisor for the site in respect of construction work covered by the Construction Regulations;
  - competent persons;
  - assistants of construction supervisor; and
  - designers of temporary works;
  - any revisions to the organogram which outlines the roles of the construction supervisor's assistants and safety officers;
- r) each and every subcontract agreement and each and every subcontractor's approved health and safety plan;
- s) proof that every subcontractor is registered and in good standing with the compensation fund or with a licensed compensation insurer relevant to the type of work performed;
- t) proof of all subcontractor's induction training whenever it is conducted;
- u) copies of the minutes of the contractor's subcontractor's health and safety meetings;
- v) copies of each of the contractor's subcontractors' health and safety policy, signed by the chief executive officer, which outlines the contractor's objectives and how they will be achieved and implemented by the contractor;
- w) the health and safety plans of all the contractor's subcontractors who are required to provide such plans;
- x) copies of the fall protection plan and each revision thereof;
- y) a comprehensive and updated list of all the subcontractors employed on site by the contractor, indicating the type of work being performed by such sub-contractors;
- aa) the outcomes of the monthly audits for compliance with the approved health and safety plan of each and every sub-contractor working on the site;
- bb) any report made to an inspector by the health and safety committee;
- cc) the minutes of all health and safety meetings and any recommendations made to the contractor by the health and safety committee;
- dd) the findings of all audit reports made regarding the implementation of the contractor's or a subcontractor's health and safety plan;
- ee) the inputs of the safety officer, if any, into the health and safety plan;
- ff) details of induction training conducted whenever it is conducted including the list of attendees;
- gg) proof of the following where suspended platforms are used:
  - a certificate of system design issued by a professional engineer, professional certificated engineer or a professional engineering technologist;

- proof of competency of erectors, operators and inspectors;
  - proof of compliance of operational design calculations with requirements of the system design certificate;
  - proof of performance test results;
  - sketches indicating the completed system with the operational loading capacity of the platform;
  - procedures for and records of inspections having been carried out;
  - procedures for and records of maintenance work having been carried out;
  - proof that the prescribed documentation has been forwarded to the provincial director;
- hh) letters of appointments for competent persons to supervise the activities which law requires to be supervised;
- ii) a copy of risk assessments made by competent persons;
- jj) records of the register of inspections made by a competent person immediately before and during the placement of concrete or any other load on formwork;
- kk) the names of the first aiders on site and copies of the first aid certificates of competency;
- ll) the names of the persons who are in possession of valid certificate of competency in first aid and copies of such certificates;
- mm) medical certificates of fitness for the contractor's and subcontractors' employees specific to the construction work to be performed and issued by an occupational health and safety practitioner:
- a. details of all incidents together with the Contractor's investigative report on such incident;
  - b. the record of inspections carried out by the designers of structures to ensure compliance with designs; and
- nn) any other documentation required in terms of regulations issued in terms of the Act including a record of all drawings, designs, materials used and other similar information concerning the completed structure;
- oo) The health and safety file shall be made available for inspection by any inspector, subcontractor, the contract manager, the employer's health and safety agent or employee of the contractor upon the request of such persons.
- pp) The health and safety file shall be updated to ensure that its contents always reflect the latest available information.
- qq) The contractor shall hand over a copy of the health and safety file to the employer's health and safety agent upon completion of the contract and if relevant, a certificate of compliance accompanied by a test report for the electrical installation in accordance with the provisions of the Electrical Installation Regulations

### **11.1 IDENTIFICATION OF HAZARDS AND DEVELOPMENT OF RISK ASSESSMENTS, STANDARD WORKING PROCEDURES (SWP) AND METHOD STATEMENTS.**

The Principal Contractor is required to develop Risk Assessments, Standard Working Procedures, Method Statements and Contract Data

Procedures(SWP) and Method Statements for each activity executed in the contract or project.

The identification of hazards is over and above the hazards identification programme and those hazards identified during the drafting of the Health and Safety Plan.

#### **11.1.1 Monthly Audit by Client and/or its H&S Agent.**

The Client and/or its H&S Agent on its behalf will be conducting Periodic Audits at times agreed with the Principal Contractor Audit to comply with Construction Regulation 4(1)(d) to ensure that the principal Contractor has implemented, is adhering to and is maintaining the agreed and approved OH&S Plan.

- a) A representative of the Principal Contractor and the relevant Health and Safety Representative(s) (SHE-Reps) must accompany the Client and/or its Agent on its behalf on all Audits and Inspections and may conduct their own audit/inspection at the same time. Each party will, however, take responsibility for the results of his/her own audit/inspection results. The Client and/or its Agent on its behalf may require to be handed a copy of the minutes of the previous Health and Safety Committee meeting reflecting possible recommendations made by that committee to the Employer for reference purposes.

#### **11.1.2 Health & Safety incident/accident reporting & investigations**

- a) The Principal Contractor shall report all incidents where an employee is injured on duty to the extent that he/she:
  - i. dies
  - ii. becomes unconscious
  - iii. loses a limb or part of a limb
  - iv. is injured or becomes ill to such a degree that he/she is likely either to die or to suffer a permanent physical defect or likely to be unable for a period of at least 14 days either to work or continue with the activity for which he/she was usually employedOR where:
  - a major incident occurred
    - i. the health or safety of any person was endangered
    - ii. where a dangerous substance was spilled
    - iii. the uncontrolled release of any substance under pressure took place
    - iv. machinery or any part of machinery fractured or failed resulting in flying, falling or uncontrolled moving objects
    - v. Machinery ran out of control, to the Provincial Director of the Department of Labour within seven days and at the same time to the Client and/or its Agent on its behalf.
- b) The Principal Contractor is required to provide the Client and/or its Agent on its behalf with copies of all statutory reports required in terms of the Act and the Regulations.
- c) The Principal Contractor is required to provide the Client and/or its Agent on its behalf with a monthly "SHE Risk Management Report"

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- d) The Principal Contractor is required to provide a.s.a.p. the Client and/or its Agent on its behalf with copies of all internal and external accident/incident investigation reports.  
The Principal Contractor is responsible to oversee the investigation of all accidents/incidents where employees and non-employees were injured to the extent that he/she/they had to receive first aid or be referred for medical treatment by a doctor, hospital or clinic. (General Administrative Regulation 9)
- e) The results of the investigation to be entered into the Accident/Incident Register listed above. (General Administrative Regulation 9)
- f) The Principal Contractor is responsible for the investigation of all non-injury incidents as described in Section 24 (1) (b) & (c) of the Act and keeping a record of the results of such investigations including the steps taken to prevent similar incidents in future.
- g) The Principal Contractor is responsible for the investigation of all accidents relating to the construction site and keeping a record of the results of such investigations including the steps taken to prevent similar accidents in future.
- h) Notwithstanding the requirements of Section 24 of the Act, ALL incidents shall be investigated and reported on in writing, irrespective of whether such incident gave rise to injury or damage.
- Determine the underlying H&S deficiencies and other contributory factors
  - Identification of corrective/preventative actions and continual improvement
  - Communicating the outcome/results and documenting the events of the investigation.

#### ***Reporting of Near-Misses***

- Department of Public Works views the reporting of near misses as a critical component in creating a positive health and safety awareness culture on site.
- Department of Public Works retains the right to enforce the reporting of near misses within 24 hours of occurrence.

## **12. REVIEW**

The Principal Contractor is to review the Hazard Identification, Risk Assessments and Standard Work Processes at each Production Planning and Progress Report meeting as the construction work develops and progresses and each time changes are made to the designs, plans and construction methods and processes.

The Principal Contractor must provide the Client and/or its Agent on its behalf, other Contractors and all other concerned parties with copies of any changes, alterations or amendments as contemplated in the above paragraph.

### **12.1 Site Rules and other Restrictions**

#### **a) Site OH&S Rules**

The Principal Contractor must develop a set of site-specific OH&S rules that will be applied to regulate the Health and Safety Plan and associated aspects of the construction. When required for a **C1 Agreement and Contract Data**

site by law, visitors and non-employees upon entering the site shall be issued with the proper Personal Protective Equipment (PPE) as and when necessary.

**b) Security Arrangements**

The Principal Contractor must establish site access rules and implement and maintain these throughout the construction period. Access control must include the rule that non-employees shall at all times be provided with fulltime supervision while on site. The Principal Contractor must develop a set of Security rules and procedures and maintain these throughout the construction period.

If not already tasked to the H&S Officer appointed in terms of Construction Regulation, the Principal Contractor must appoint a competent person who must develop contingency plans for any emergency that may arise on site as indicated by the risk assessments.

**12.1.1 Appointment of Health & Safety Representatives**

**a) H&S Representatives ('SHE – Reps')**

Where the Principal Contractor employs more than 20 persons (including the employees of other Contractors (sub-contractors) he has to appoint one H&S Representatives for every 50 employees or part thereof. (Section 17 of the Act and General Administrative Regulation 6. & 7.)

H&S Representatives must be appointed in writing and the designation shall be in accordance with the Collective Agreement as concluded between the parties as is required in terms of General Administration Regulation 6.

**12.1.2 Duties and Functions of the H&S Representatives**

The contractor shall appoint in writing one health and safety representative for every 50 employees working on the site, whenever there are more than 20 employees on the site, to:

- conduct at least a weekly inspection of their respective areas of responsibility using a checklist developed by a Principal Contractor.
- review the effectiveness of health and safety measures;
- identify potential hazards and potential major incidents;
- in collaboration with his employer, examine the causes of incidents;
- investigate complaints by any employee of the contractor relating to that employee's health or safety on the site;
- make representations to the contractor on matters arising from a), b), c) or d) or on general matters affecting the health or safety of the employees at the workplace;
- inspect the site with a view to, the health and safety of employees, at regular intervals;
- participate in consultations with inspectors at the workplace and accompany inspectors on inspections of the workplace; and
- participate in any internal health or safety audit.

The report must be consolidated and submitted to the Health & Safety Committee.

H&S Representatives must form part of the incident/accident investigating team.

The contractor shall provide the health and safety representatives with the necessary assistance, facilities and training to carry out the functions established above.

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### **12.1.3 Establishment of H&S Committee(s)**

- The Principal Contractor must establish H&S Committees consisting of designated H&S Representatives together with a number of Employers Representatives appointed as per Section 19(3) that are not allowed to exceed the number of H&S Representatives on the committee.
- The persons nominated by the employer on a H&S Committee must be designated in writing for such period as may be determined by him. The H&S Committee shall co-opt advisory (temporary) members and determine the procedures of the meetings including the chairmanship.
- The H&S Committee must meet minimum monthly and consider, at least, an agreed Agenda for the first meeting. Thereafter the H&S Committee shall determine its own procedures.

### **12.1.4 Training & Awareness**

The contents and syllabi of all training required by the Act and Regulations including any other related or relevant training as required must be included in the Principal Contractor's Health and Safety Plan and Health and Safety File.

#### **a) Training & Induction**

All employees performing work or task on site that potentially impact on H&S must be competent & have the necessary appropriate education, training & experience.

All the training must be closely aligned with the risk profile of the project; procedures must be put in place to ensure that all workers are aware of the consequences of their work activities & benefits of improved H&S performance.

All employees of the Principal and other Contractors must be in possession of proof of General Induction training

#### **b) Site Specific Induction Training**

All employees of the Principal and other Contractors must be in possession of Site Specific Occupational Health and Safety Induction or other qualifying training.

#### **c) Other Training**

All operators, drivers and users of construction vehicles, mobile plant and other equipment must be in possession of valid proof of training.

#### **d) Copy of the Act**

The contractor shall ensure that a copy of the Act and relevant regulations is available on site for inspection by any person engaged in any activity on the site.

## **13. PROJECT/SITE SPECIFIC REQUIREMENTS**

The following is a list of specific activities and considerations that have been identified for the project and site and for which Risk Assessments, Standard Working Procedures (SWP), management and control measures and Method Statements (where necessary) have to be developed by the Principal Contractor:



- a) Site establishment
- b) Dealing with existing structures
- c) Location of existing services
- d) Boundary & Access control/Public liability exposures
- e) Protection against heat exhaustion, dehydration, wet & cold conditions
- f) Dealing with HIV & aids other related diseases
- g) Use of portable electrical & explosive tools
- h) Any Excavation work
- i) Any welding work
- j) Loading & offloading of trucks
- k) Driving & operations of Construction vehicles & mobile plant
- l) Temporal works and
- m) Construction work as defined in the construction regulation 2014

14. OUTLINED DATA, REFERENCES AND INFORMATION ON CERTAIN AND/OR SPECIFIC OBLIGATORY REQUIREMENTS TO ENSURE COMPLIANCE Administrative & Legal Requirements

(a) OHS Act Section/ (b) Regulation	c) Subject	(1) Requirements
Construction. Regulation	<b>Notice of carrying out Construction work</b>	<ul style="list-style-type: none"> <li>• Department of Labour notified</li> <li>• Copy of Notice available on Site</li> </ul>
General Admin. Regulation 4	<b>Copy of OH&amp;S Act (Act 85 of 1993)</b>	<ul style="list-style-type: none"> <li>• Updated copy of Act &amp; Regulations on site.</li> <li>• Readily available for perusal by employees.</li> </ul>
COID Act Section 80	<b>Registration with Compensation Insurer.</b>	<ul style="list-style-type: none"> <li>• Written proof of registration/Letter of good standing available on Site</li> </ul>
Construction. Regulation 4 & 5(1)	<b>H&amp;S Specification &amp; Programme</b>	<ul style="list-style-type: none"> <li>• H&amp;S Spec received from Client and/or its Agent on its behalf</li> <li>• OH&amp;S programme developed &amp; Updated regularly</li> </ul>
Section 8(2)(d) Construction. Regulation 7	<b>Hazard Identification &amp; Risk Assessment</b>	<ul style="list-style-type: none"> <li>• Hazard Identification carried out/Recorded</li> <li>• Risk Assessment and – Plan drawn up/Updated</li> <li>• RA Plan available on Site</li> <li>• Employees/Sub-Contractors informed/trained</li> </ul>
Section 16(2)	<b>Assigned duties (Managers)</b>	<ul style="list-style-type: none"> <li>• Responsibility of complying with the OH&amp;S Act assigned to other person/s by CEO.</li> </ul>
Construction. Regulation 6(1)	<b>Designation of Person Responsible on Site</b>	<ul style="list-style-type: none"> <li>• Competent person appointed in writing as</li> <li>• Construction Supervisor with job description</li> </ul>
Construction. Regulation 6(2)	<b>Designation of Assistant for above</b>	<ul style="list-style-type: none"> <li>• Competent person appointed in writing as</li> <li>• Assistant Construction Supervisor with job description</li> </ul>
Section 17 & 18 General Administrative Regulations 6 & 7	<b>Designation of Health &amp; Safety Representatives</b>	<ul style="list-style-type: none"> <li>• More than 20 employees - one H&amp;S Representative, one additional H&amp;S Rep. for each 50 employees or part thereof.</li> <li>• Designation in writing, period and area of responsibility specified in terms of GAR 6 &amp; 7</li> </ul>

		<ul style="list-style-type: none"> <li>• Meaningful H&amp;S Rep. reports.</li> <li>• Reports actioned by Management.</li> </ul>
Section 19 & 20 General Administrative Regulations 5	<b>Health &amp; Safety Committee/s</b>	<ul style="list-style-type: none"> <li>• H&amp;S Committee/s established.</li> <li>• All H&amp;S Reps shall be members of H&amp;S Committees</li> <li>• Additional members are appointed in writing.</li> <li>• Meetings held monthly, Minutes kept.</li> <li>• Actioned by Management.</li> </ul>
Section 37(1) & (2)	<b>Agreement with Mandatories/ (Sub-)Contractors</b>	<ul style="list-style-type: none"> <li>• Written agreement with (Sub-)Contractors</li> <li>• List of Subcontractors displayed.</li> <li>• Proof of Registration with Compensation Insurer/Letter of Good Standing</li> <li>• Construction Supervisor designated</li> <li>• Written arrangements re.</li> <li>• H&amp;S Reps &amp; H&amp;S Committee</li> <li>• Written arrangements re. First Aid</li> </ul>
Section 24 & General Admin. Regulation 8 COID Act Sect.38, 39 & 41	<b>Reporting of Incidents (Dept. of Labour)</b>	<ul style="list-style-type: none"> <li>• Incident Reporting Procedure displayed.</li> <li>• All incidents in terms of Sect. 24 reported to the Provincial Director, Department of Labour, within 3 days. (Annexure 1) (WCL 1 or 2) and to the Client and/or its Agent on its behalf</li> <li>• Cases of Occupational Disease Reported</li> <li>• Copies of Reports available on Site</li> <li>• Record of First Aid injuries kept</li> </ul>
General Admin. Regulation 9	<b>Investigation and Recording of Incidents</b>	<ul style="list-style-type: none"> <li>• All injuries which resulted in the person receiving medical treatment other than first aid, recorded and investigated by investigator designated in writing.</li> <li>• Copies of Reports (Annexure 1) available on Site</li> <li>• Tabled at H&amp;S Committee meeting</li> <li>• Action taken by Site Management.</li> </ul>
Construction. Regulation 8	<b>Fall Prevention &amp; Protection</b>	<ul style="list-style-type: none"> <li>• Competent person appointed to draw up the Fall Protection Plan</li> <li>• Proof of appointee's competence available on Site</li> <li>• Risk Assessment carried out for work at heights</li> <li>• Fall Protection Plan drawn up/updated</li> <li>• Available on Site</li> </ul>

<p>Construction. Regulation Driven Machinery Regulations 18 &amp; 19</p>	<p><b>Cranes &amp; Lifting Machines Equipment</b></p>	<ul style="list-style-type: none"> <li>• Competent person appointed in writing to inspect Cranes, Lifting Machines &amp; Equipment</li> <li>• Written Proof of Competence of above appointee available on Site.</li> <li>• Cranes &amp; Lifting tackle identified/numbered</li> <li>• Register kept for Lifting Tackle</li> <li>• Log Book kept for each individual Crane</li> <li>• Inspection: - All cranes - <b>daily by operator</b> <ul style="list-style-type: none"> <li>- Tower Crane/s - <b>after erection/6monthly</b></li> <li>- Other cranes - <b>annually by comp. person</b></li> </ul> </li> <li>• - Lifting tackle(slings/ropes/chain slings etc.) - daily or before every new application</li> </ul>
<p>General Safety Regulation 8(1)(a)</p>	<p><b>Designation of Stacking &amp; Storage Supervisor.</b></p>	<ul style="list-style-type: none"> <li>• Competent Person/s with specific knowledge and experience designated to supervise all Stacking &amp; Storage</li> <li>• Written Proof of Competence of above appointee available on Site</li> </ul>
<p>Construction. Regulation Environmental Regulation 9</p>	<p><b>Designation of a Person to Co-ordinate Emergency Planning And Fire Protection</b></p>	<ul style="list-style-type: none"> <li>• Person/s with specific knowledge and experience designated to co-ordinate emergency contingency planning and execution and fire prevention measures</li> <li>• Emergency Evacuation Plan developed: <ul style="list-style-type: none"> <li>• Drilled/Practiced</li> <li>• Plan &amp; Records of Drills/Practices available on Site</li> </ul> </li> <li>• Fire Risk Assessment carried out</li> <li>• All Fire Extinguishing Equipment identified and on <b>register</b>.</li> <li>• Inspected weekly. Inspection Register kept</li> <li>• Serviced annually</li> </ul>
<p>General Safety Regulation 3</p>	<p><b>First Aid</b></p>	<ul style="list-style-type: none"> <li>• Every workplace provided with sufficient number of First Aid boxes. (Required where 5 persons or more are employed)</li> <li>• First Aid freely available</li> <li>• Equipment as per the list in the OH&amp;S Act.</li> <li>• One qualified First Aider appointed for every 50 employees. (Required where more than 10 persons are employed)</li> <li>• List of First Aid Officials and Certificates</li> <li>• Name of person/s in charge of First Aid box/es displayed.</li> </ul>

		<ul style="list-style-type: none"> <li>• Location of First Aid box/es clearly indicated.</li> <li>• Signs instructing employees to report all</li> <li>• Injuries/illness including first aid injuries</li> </ul>
General Safety Regulation 2	<b>Personal Safety Equipment (PSE)</b>	<ul style="list-style-type: none"> <li>• PSE Risk Assessment carried out</li> <li>• Items of PSE prescribed/use enforced</li> <li>• Records of Issue kept</li> <li>• Undertaking by Employee to use/wear PSE</li> <li>• PSE remain property of Employer, not to be removed from premises GSR 2(4)</li> </ul>
General Safety Regulation 9	<b>Inspection &amp; Use of Welding/Flame Cutting Equipment</b>	<ul style="list-style-type: none"> <li>• Competent Person/s with specific knowledge and experience designated to Inspect Electric Arc, Gas Welding and Flame Cutting Equipment</li> <li>• Written Proof of Competence of above appointee available on Site</li> <li>• All new vessels checked for leaks, leaking vessels NOT taken into stock but returned to supplier immediately</li> <li>• Equipment identified/numbered and entered into a register</li> <li>• Equipment inspected weekly. Inspection Register kept</li> <li>• Separate, purpose made storage available for full and empty vessels</li> </ul>
General Safety Regulation 13A	<b>Inspection of Ladders</b>	<ul style="list-style-type: none"> <li>• Competent person appointed in writing to inspect Ladders</li> <li>• Ladders inspected at arrival on site and weekly thereafter. Inspections register kept</li> <li>• Application of the types of ladders (wooden, aluminium etc.) regulated by training and inspections and noted in register</li> </ul>
General Safety regulation 13B	<b>Ramps</b>	<ul style="list-style-type: none"> <li>• Competent person appointed in writing to supervise the erection &amp; inspection of Ramps. Inspection register kept.</li> <li>• Daily inspected and noted in register</li> </ul>

## 15. THE PRINCIPAL CONTRACTOR'S GENERAL DUTIES

### *i. General*

- The Principal Contractor shall at all times ensure his status of an “employer” as referred to in the Act, and will abide by his/her responsibilities, duties and functions as per the requirements of the Act and Regulations with specific reference to Section 8 of the Act.
- The Principal Contractor shall keep, and on demand make available, a copy of the Act on site at all times and in addition to that he/she will introduce and maintain a file titled “Health and Safety File”, or other record in permanent form, which shall contain all relevant aspects and information as contemplated in the Construction Regulations. He/she will make this file available to the client or his representative whenever necessary or on request to an interested party.
- The project under control of the Principal Contractor shall be subject to periodic health and safety audits that will be conducted by the client at intervals agreed upon between the Principal Contractor and the client, provided such intervals will not exceed periods of one month.
- The Principal Contractor is to ensure that he/she and all persons under his control on the construction site shall adhere to the above specifications.
- The Principal Contractor should note that he/she shall be held liable for any anomalies including costs and resulting deficiencies due to delays caused by non-conformance and/or non-compliance to the above Health and Safety Specifications and the Health and Safety Plan based on these specifications.

### *ii. Personal protective equipment and clothing*

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The contractor shall ensure that:

- all workers are issued with the necessary personal protective clothing;
- all workers are identifiable at all times by having the company for which they work for printed on the back or front of their overalls; and
- clear procedures are in place for the replacement of lost, stolen, worn or damaged personal protective clothing.

### *iii. Competent persons*

The Principal contractor and other contractors shall appoint in writing competent persons to supervise or inspect, as relevant, any of the following:

- formwork and support work operations;
- excavation work;
- demolition work;

- scaffolding work operations;
- suspended platform work operations;
- material hoists;
- bulk mixing plants;
- temporary electrical installations;
- the stacking and storage of articles on the site; and
- fire equipment.

The contractor shall appoint in writing competent persons to:

- induct employees in health and safety; and
- prepare and update as necessary a fall protection plan and to provide the construction manager with a copy of the latest version of such plan.

## **16. THE PRINCIPAL CONTRACTOR'S SPECIFIC DUTIES**

The Principal Contractor's specific duties in terms of these specifications are detailed in the Construction Regulations as published under government notice 07 August 2014, stipulated in Section 7.

## **17. THE PRINCIPAL CONTRACTOR'S SPECIFIC RESPONSIBILITIES WITH REGARD TO HAZARDOUS ACTIVITIES**

The following examples of activities are identifiable as hazardous in terms of the Construction Regulations. The contractor shall execute the activities in accordance with the following Construction Regulations and other applicable regulations of the Act:

- Fall protection
  - Structures
  - Excavation work
  - Demolition work
- 
- Scaffolding
  - Construction vehicles & mobile plant.
  - Water environments
  - Housekeeping on construction sites
  - Fire precautions on construction sites.

This list must not be taken to be exclusive or exhaustive! All of the above requirements will be read in conjunction with the relevant regulations and health and safety standards as required by the Act. All documents and records required by the Construction Regulations will be kept in the Health and Safety file and will be made available at any time when required by the client or his representative, or on request to an interested party.

## 18. GENERAL NOTES TO THE PRINCIPAL CONTRACTOR

### i. Legal Framework

Part of legal obligations

The more important Acts and relevant subordinate/secondary legislation as well as other (inter alia Local Government) legislation that also apply to the State as well as to State owned buildings and premises: -

- a. The latest issue of SABS 0142: "Code of Practice for the Wiring of Premises"
- b. The Local Government Ordinance 1939 (Ordinance 17 of 1939) as amended and the municipal by-laws and any special requirements of the local supply authority
- c. The Fire Brigade Services Act 1987, Act 99 of 1987 as amended
- d. The National Building Regulations and Building Standards Act 1977 (Act 103 of 1977) as amended and relevant proclaimed Regulations (SABS 0400)
- e. The Post Office Act 1958 (Act 44 of 1958) as amended
- f. The Electricity Act 1984, Act 41 of 1984
- g. The Regulations of Local Gas Board(s), including Publications of the SABS Standards and Codes of Practice, with specific reference to GNR 17468 dated 4<sup>th</sup> October 1997
- h. Legislation pertaining to water usage and the environment
- i. Legislation governing the use of equipment, which may emit radiation (e.g. X-Rays etc.)
- j. Common Law

### ii. General requirements

The contractor shall:

- a) create and maintain as reasonably practicable a safe and healthy work environment,
- b) execute the work in a manner that complies with all the requirements of the Act and all its associated regulations, and in so doing, minimize the risk of incidents occurring;
- c) conspicuously display any site specific number assigned to the construction site in terms of the Construction Regulations 2014 at the main entrance to the site; and
- d) respond to the notices issued by the employer's health and safety agent as follows:
  - Improvement Notice: improve health and safety performance over time so that repeat notices are not issued;
  - Contravention Notice: rectify contravention as soon as possible;

Prohibition Notice: terminate affected activities with immediate effect and only recommence activities when it is safe to do so

Note: Financial penalties can be applied should Contravention Notices be issued. This should be dealt under the subheading "NON-CONFORMANCES" in the same document.



## 19. HOUSE KEEPING

Good housekeeping will be maintained at all times as per Construction Regulation No. 25. Poor housekeeping contributes to three major problems, namely, costly or increased accidents, fire or fire hazards and reduction in production. Good housekeeping will enhance production time.

In promotion of environmental control all waste, rubble, scrap etc., will be disposed of at a registered dump site and records will be maintained. Where it is found to be impractical to use a registered dumpsite or it is not available, the Principal Contractor will ensure that the matter is brought to record with the client or his representative, after which suitable, acceptable alternatives will be sought and applied.

Dross and refuse from metals, and waste matters or by-products whose nature is such that they are poisonous or capable of fermentation, putrefaction or constituting a nuisance shall be treated or disposed of by methods approved of by an inspector.

NOTE: No employer (Principal Contractor) shall require or permit any person to work at night or after hours unless there is adequate, suitable artificial lighting including support services in respect of Health and Safety.

## 20. Facilities

The site establishment plan shall make provision for:

### a) Dining room facilities

The contractor shall make provision for adequate dining room facilities for his employees on site.

### b) Change rooms

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The contractor shall make provision for adequate change rooms for his employees on site.

### c) Ablution facilities

The contractor shall make provision for adequate ablution facilities for his employees on site.

These facilities shall be maintained by the contractor.

Designated smoking areas shall be established by Department of Public Works.

#### **d) Drinking Water Facilities**

The provision of drinking water facilities shall be negotiated between the Contractor and Department of Public Works

#### **e) Equipment Compliance Certificates**

Before equipment is brought on site valid certificates of compliance issued by a competent person shall be presented. The equipment includes but shall not be limited to:

- i. lifting equipment and lifting tackle
- ii. power driven machinery
- iii. electrical equipment
- iv. testing and monitoring equipment

#### **f) Barricading**

All barricading shall be of the rigid type unless the use of non-rigid barricading has been approved in writing by the Department of Public Works Project Manager. The contractors' barricading standard shall be included in the Health and Safety Plan.

Where more than one contractor is working on a site, the fixed barricading shall be clearly marked with the company's name, site contact person as well as the contact number/s.

#### **g) Erection of Structures for Logistic Support**

Prior to site establishment Department of Public Works shall approve the contractor's site plan.

Department of Public Works shall approve all structures erected for logistical support by the contractor. These structures include fences, workshops, tool sheds, offices, ablution facilities, etc.

#### **h) Salvage Yard Management**

Depending on the site-specific arrangements and procedures, Department of Public Works may provide the salvage yard and the resources to manage it.

The salvage yard management shall conform to safety, health and environmental requirements. The contractors are required to move the equipment from the place of work to the salvage yard.

#### **i) Fall Arrest and Prevention Equipment**

Approved fall prevention equipment shall be used at heights of less than 2.0 metres. Above heights of 2.0 metres fall prevention equipment shall include fall arrest Equipment. Users of fall arrest equipment shall, amongst other things be trained in what an appropriate load bearing point is for connecting fall prevention equipment. Any deviation from this

requirement shall be negotiated and agreed with Department of Public Works in writing.

**j) Hazardous Chemical Substances Waste Removal**

Department of Public Works shall provide a facility to collect all hazardous chemical waste material.

The contractor shall provide adequately marked and sealable containers to transport the hazardous chemical waste from the source to the approved Department of Public Works disposal point.

**k) Personal Protective Equipment (PPE)**

Personal protective equipment issued shall be specific to the risks associated with the work to be performed and specific to conditions on site and shall comply with South African National Standards (SANS) or similar.

**20. LOCKOUT SYSTEMS**

A system of control shall be established in order that no unauthorized person can energize a circuit, open a valve, or activate a machine on which people are working or doing maintenance, even if equipment, plant or machinery is out of commission for any period, thus eliminating injuries and damage to people and equipment as far as is reasonably practicable.

Physical/mechanical lock-out systems shall be part of the safety system and included in training. Lockouts shall be tagged and the system tested before commencing with any work or repairs.

**21. IMPORTANT LISTS AND RECORDS TO BE KEPT**

The following are lists of several records that are to be kept in terms of the Construction Regulations. The lists are:

- i. List of appointments
- ii. List of record keeping responsibilities
- iii. Inspection checklist

**a) Contractor Risk Assessment Process**

The risk assessment process shall include:

- 1) an evaluation of the method of the work to be conducted
- 2) the method statement on the procedure to be followed in performing the task shall be developed
- 3) the risk assessment will also include activities like:
  - i. Transportation of passengers and goods to and from site
  - ii. Site establishment
  - iii. Physical and mental capabilities of employees
  - iv. Others as may be specified.
- 4) the hazards as listed in the paragraph – Site Specific Health and Safety Hazards

- 5) a review plan for risk assessments shall provide for:
- i. the quarterly review of all applicable risk assessments
  - ii. the review of an assessment if there is reason to believe that the previous assessment is no longer valid, or there has been a change in a process, work methods, equipment or procedures and working conditions
  - iii. Risk assessment/s to be reviewed if the outcome of incident investigations and audits etc. requires such action.

A pre - task risk assessment shall be conducted in writing on every task and be facilitated by the team leader. All risk assessments and pre-task risk assessments shall be filed and be available on site.

**b) Risk Profile**

All contractors shall submit a risk profile of the work to be conducted with their Health and Safety Plan.

**c) Risk Based Inspection Program**

The inspection programme shall be risk based. The inspection plan shall form part of the Health and Safety Plan.

**22. MEASUREMENT AND PAYMENT**

The payment items for Occupational Health & Safety are contained in the Bill of Quantities. The same rules are applicable in respect of the pricing of these items as for every other payment item. Attention is drawn to the Pricing Instructions in this document.

**23. NON-CONFORMANCES**

Should, at any time, the works, or part of the works, be stopped due to unsafe acts or non-compliance with the Clients or PCs H&S Plan; neither the PC nor any other Contractor shall have a claim for extension of time or any other compensation.

<b>Minor: Penalty: R50/count</b>	<b>Medium: Penalty: R500/count and a non-conformance</b>	<b>Severe Penalty: R5000/count, a non-conformance and/or activity stoppage</b>
Non-use of PPE supplied	Toilets not supplied or regularly serviced; lack of drinking water	Contractors working without Health and Safety Plan approval
Non completion of registers for plant and equipment on site	Contractors not audited	Workers transported in contravention of the OHS plan or legal requirements
Lack of H&S signage at work areas	Working without training or the appropriate, approved H&S method statements	Invalid Letters of Good Standing

Tools and equipment identified in poor condition during inspections	Legal non-conformances identified during the previous audit and not addressed within the agreed time frame	Non-compliance with traffic accommodation requirements: layout or physical conditions
	No monthly OHS report at site meeting to report on	Any serious breach of legal requirements
	No certificates of fitness for workers as required	
	Working without approved method statements	

### 23. Failure to Comply with Provisions

Failure or refusal on the part of the PC or their Contractors to take the necessary steps to ensure the safety of workers and the general public in accordance with these specifications or as required by statutory authorities or ordered by the engineer, shall be sufficient cause for the engineer to apply penalties as follows:

- (i) A penalty as shown in the Table above shall be deducted for each and every occurrence of non-compliance with any of the requirements of the H&S Specification.
- (ii) In addition a time-related penalty of R500,00 per hour over and above the fixed penalty may be deducted for non-compliance to rectify any non-conformance within the allowable time after a site instruction to this effect has been given by the Client's representative. The site instructions shall state the agreed time, which shall be the time in hours for reinstatement of the defects. Should the Contractor fail to adhere to this instruction, the time-related penalty shall be applied from the time the instruction was given.

The payment items for Occupational Health & Safety are contained in the Bill of Quantities. The same rules are applicable in respect of the pricing of these items as for every other payment item. Attention is drawn to the Pricing Instructions in this document.

### 24. INSPECTIONS, FORMAL ENQUIRES AND INCIDENTS

1. The contractor shall inform the relevant safety representative:
  - i. beforehand of inspections, investigations or formal inquiries of which he has been notified by an inspector; and
  - ii. as soon as reasonably practicable of the occurrence of an incident on the site.
2. The contractor shall record all incidents and notify the employer's health and safety agent of any incident, except in the case of a traffic accident on a public road, as soon as possible after it has occurred and report such incidence to an inspector of the department of labour and notify the Provincial Director of the Department of Labour of such incident within 7 days on the prescribed form.

3. The contractor shall investigate all incidents and issue the employer's health and safety agent with copies of such investigations.
4. The contractor shall in the event of an incident in which a person dies, or is injured to such an extent that he is likely to die, or suffered the loss of a limb or part of a limb:
  - i. notify the Provincial Director of the Department of Labour of such incident by telephone, facsimile or similar means of communication;
  - ii. ensure that no person disturbs the site at which the incident occurred or remove any article or substance involved in the incident therefrom, without the consent of an inspector, unless an action is necessary to prevent a further incident, to remove the injured or dead, or to rescue persons from danger;
  - iii. and provide the Provincial Director of the Department of Labour with a report which includes the measures that the contractor or his subcontractor intend to implement to ensure a safe site as reasonably practicable.
5. The contractor shall notify the Provincial Director of the Department of Labour of the death of any person which results from injuries sustained in an incident.

## **25. EMERGENCY PROCEDURES**

The contractor shall submit for acceptance to the employer's health and safety agent an emergency procedure which include but are not limited to fire, spills, accidents to employees, exposure to hazardous substances, which:

- identifies the key personnel who are to be notified of any emergency;
  - sets out details including contact particulars of available emergency services; and
- the actions or steps which are to be taken during an emergency.

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The contractor shall within 24 hours of an emergency taking place notify the employer's health and safety agent in writing of the emergency and briefly outline what happened and how it was dealt with.

**COVID-19 OCCUPATIONAL HEALTH AND SAFETY MEASURES IN WORKPLACES  
COVID-19 (C19 OHS), 2020**

## **SCHEDULE**

### **COVID-19 Direction on Health and Safety in the Workplace issued by the Minister in terms of Regulation 10(8) of the National Disaster Regulation**

#### **PREAMBLE**

1. On 17 March 2020, the Department of Employment and Labour issued guidelines for employers to deal with COVID-19 at workplaces.<sup>1</sup> The Department of Employment and Labour appealed to employers to use the prescriptions of the OHS Act in particular the Hazardous Biological Agents Regulations governing workplaces in relation to Coronavirus Disease 2019 caused by the SARS-CoV-2 virus.
2. In the period since the issuing of the guidelines, a clearer picture has emerged about COVID-19 and the nature of the hazard and risk in the workplace and the precautions that should be taken to minimise the risk. The purpose of these directives is to stipulate measures that must be taken by employers in order to protect the health and safety of workers and members of the public who enter their workplaces or are exposed to their working activities.
3. These directives seek to ensure that the measures taken by employers under the OHS Act are consistent with the overall national strategies and policies to minimise the spread of COVID-19.
4. The OHS Act, read with its regulations and incorporated standards, requires the employer to provide and maintain as far as is reasonably practicable a working environment that is safe and without risks to the health of workers and to take such steps as may be reasonably practicable to eliminate or mitigate the hazard or potential hazard.
5. The OHS Act further requires employers, to ensure, as far as is reasonably practicable, that all persons who may be directly affected by their activities (such as customers, clients or contractors and their workers who enter their workplace or come into contact with their employees) are not exposed to hazards to their health or safety. This obligation also applies to self-employed persons (for example, plumbers or electricians) whose working activities bring them into contact with members of the public.
6. For the purposes of the OHS Act in the workplaces to which this Directive applies, the identifiable hazard relating to COVID-19 is that workers face is the transmission by an infected person to workers in the workplace. In workplaces to which the public has access, the hazard includes transmission of the virus by members of the public. Each situation requires special measures to be implemented by employers in order to prevent the transmission of the virus.
7. Although the OHS Act requires employers to review and update risk assessments on a regular basis, the new hazard posed by COVID-19 is clearly identifiable and the basic measures to eliminate or minimise the risk are now well known<sup>2</sup>. The object of conducting or updating a risk assessment in respect of COVID-19 is to provide specific focus on COVID-19 and adapt the measures required by this Directive to specific working environments taking into account the Risk Assessment Guides published online by the National Department of Health.
8. This Directive is based on infection transmission prevention and specific occupational hygiene practices that focus on the need for employers to implement measures to mitigate or eliminate the transmission of the virus in the workplace.
9. This Directive recognises that there are sector specific measures that need to be taken into account and accordingly provides for sector guidelines to supplement this Directive.



10. This Directive does not reduce the existing obligations of the employer in terms of OHSA nor prevent an employer from implementing more stringent measures in order to prevent the spread of the virus.

### **DEFINITIONS**

11. In this Directive, unless the context indicates otherwise –
- “**BCEA**” means the Basic Conditions of Employment Act, 1997 (Act No. 75 of 1997)
  - “**COVID-19**” means Coronavirus Disease 2019;
  - “**Disaster Management Act**” means the Disaster Management Act, 2002 (Act No.57 of 2002);
  - “**OHSA**” means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993);
  - “**PPE**” means personal protective equipment;
  - “**Virus**” means the SARS-CoV-2 virus;
  - “**worker**” means any person who works in an employer’s workplace including an employee of the employer or contractor, a self-employed person or volunteer;
  - “**workplace**” means any premises or place where a person performs work.

### **APPLICATION**

12. Subject to clause 13, this Directive applies to employers and workers in respect of-

12.1 The manufacturing, supply or provision of essential goods or essential services, as defined in Schedule 2 of the Regulations issued in terms of section 27(2) of the Disaster Management Act;

12.2 Any workplace permitted to continue or commence operations before the expiry of those Regulations.

13. This Directive does not apply to workplaces-

13.1 excluded from the OHSA in terms of section 1(3) of the OHSA;

13.2 in which medical and health care services as defined in Schedule 2 in the Regulations issued in terms of section 27(2) of the Disaster Management Act (other than retail pharmacies) are performed;

13.3 In respect of which another Minister has issued a directive under those Regulations dealing with health and safety.

14. Subject to the employer’s obligations under OHSA to conduct a risk assessment, employers with less than 10 employees need only apply the measures set out in clause 40 of this Directive.

### **15. Period of application**

This Directive remains in force for as long as the declaration of a national disaster published in *Government Gazette* 43096 on 15 March 2020 remains in force.

### **16. Administrative measures**

Every employer must establish the following administrative measures:

16.1 It must undertake a risk assessment to give effect to the minimum measures required by this Directive taking into account the specific circumstances of the workplace.

16.2 If the employer employs more than 500 employees, that employer must submit a record of its risk assessment together with a written policy concerning the protection of the health and safety of its employees from COVID-19 as contemplated in section 7(1) of OHSA to-

16.2.1 Its health and safety committee established in terms of section 19 of OHSA; and

16.2.2 The Department of Employment and Labour.

- 16.3 It must notify all workers of the contents of this Directive and the manner in which it intends to implement it
- 16.4 It must notify its employees that if they are sick or have symptoms associated with the COVID-19 that they must not come to work and to take paid sick leave in terms of section 22 of the BCEA;
- 16.5 It must appoint a manager to address employee or workplace representative concerns and to keep them informed and, in any workplace in which an health and safety committee has been elected, consult with that committee on the nature of the hazard in that workplace and the measures that need to be taken;
- 16.6 It must ensure that the measures required by this Directive and its risk assessment plan are strictly complied with through monitoring and supervision;
- 16.7 It must, as far as practicable, minimize the number of workers on at the workplace at any given time through rotation, staggered working hours, shift systems, remote working arrangements or similar measures in order to achieve social distancing, as contemplated in clause 17;
- 16.8 It must take measures to minimize contact between workers as well as between workers and members of the public;
- 16.9 It must provide workers with information that raises awareness in any form or manner, including where reasonably practicable leaflets and notices placed in conspicuous places in the workplace informing workers of the dangers of the virus, the manner of its transmission, the measures to prevent transmission such as personal hygiene, social distancing, use of masks, cough etiquette and where to go for screening or testing if presenting with the symptoms;

16.4 If a worker has been diagnosed with COVID-19, an employer must-

- 16.4.1 inform the Department of Health<sup>5</sup> and the Department of Employment and Labour; and
- 16.4.2 investigate the cause including any control failure and review its risk assessment to ensure that the necessary controls and PPE requirements are in place; and
- 16.4.3 it must give administrative support to any contact-tracing measures implemented by the Department of Health.

### **17. Social distancing measures**

Every employer must arrange the workplace to ensure minimal contact between workers and as far as practicable ensure that there is a minimum of one and a half metres between workers while they are working, for example, at their workstations.

Depending on the circumstances of the workplace or the nature of the sector, the minimum distance may need to be longer. Reducing the number of workers present in the workplace at any time in terms of clause 16.5 may assist in achieving the required social distancing.

17.1 If it is not practicable to arrange work stations to be spaced at least one and a half meters apart, the employer must-

- 17.1.1. arrange physical barriers to be placed between work stations or erected on work stations to form a solid physical barrier between workers while they are working; or
- 17.1.2. if necessary, supply the employee free of charge with appropriate PPE based on a risk assessment of the working place.

**18.** Every employer must ensure that social distancing measures are implemented through supervision both in the workplace and in the common areas outside the immediate workplace through queue control or within the workplace such as canteens and lavatories. These measures may include dividing the workforce into groups or staggering break-times to avoid the concentration of workers in common areas.

### **Health and safety measures**

**19.** Every employer must implement the following health and safety measures.

#### **19.1 Symptom screening**

Every employer must take measures to-

- 19.1.1 screen any worker, at the time that they report for work, to ascertain whether they have any of the observable symptoms associated with COVID-19, namely fever, cough, sore throat, redness of eyes or shortness of breath (or difficulty in breathing);
- 19.1.2 require every worker to report whether they suffer from any of the following additional symptoms: body aches, loss of smell or loss of taste, nausea, vomiting, diarrhea, fatigue, weakness or tiredness; and
- 19.1.3 require workers to immediately inform the employer if they experience any of the symptoms in sub-clauses

21.1 and 21.2 while at work.

**20.** Employers must comply with any guidelines issued by the National Department of Health in consultation with the Department in respect of –

20.1 symptom screening; and

20.2 if in addition required to do so, medical surveillance and testing.

**21.** If a worker presents with those symptoms, or advises the employer of these symptoms, the employer must –

21.1 not permit the worker to enter the workplace or report for work; or

21.2 if the worker is already at work immediately-

21.2.1 isolate the worker, provide the worker with a FFP1 surgical mask and arrange for the worker to be transported in a manner that does not place other workers or members of the public at risk either to be self-isolated or for a medical examination or testing; and

21.2.2 Assess the risk of transmission, disinfect the area and the worker's workstation, refer those workers who may be at risk for screening and take any other appropriate measure to prevent possible transmission;

21.3 ensure that the worker is tested or referred to an identified testing site;

21.4 place its employee on paid sick leave in terms of section 22 of the BCEA or if the employee's sickleave entitlement under the section is exhausted, make application for an illness benefit in terms of clause 4 of the Directive issued on 25 March 2020 on the COVID-19 Temporary Employer Relief Scheme under regulation 10(8) of the Regulations promulgated in terms of section 27(2) of the Disaster Management Act;

21.5 ensure that the employee is not discriminated against on grounds of having tested positive for COVID-19 in terms of section 6 of the Employment Equity Act, 1998 (Act No. 55 of 1998);

21.6 if there is evidence that the worker contracted COVID-19 as a result of occupational exposure, lodge a claim for compensation in terms of the Compensation for Occupational Injuries and Diseases Act, 1993 (Act No. 130 of 1993) in accordance with Notice 193 published on 3 March 2020.

**22.** If a worker has been diagnosed with COVID-19 and isolated in accordance with the Department of Health Guidelines, an employer may only allow a worker to return to work on the following conditions:

22.1 The worker has undergone a medical evaluation confirming that the worker has been tested negative for COVID-19;

22.2 the employer ensures that personal hygiene, wearing of masks, social distancing, and cough etiquette is strictly adhered to by the worker; and

22.3 the employer closely monitors the worker for symptoms on return to work.

**23. Sanitizers, disinfectants and other measures**

For the purposes of these clauses, a hand sanitizer must be one that has at least 70% alcohol content and is in accordance with the recommendations of the Department of Health.

**24.** Every employer must, free of charge, ensure that –

24.1 there are sufficient quantities of hand sanitizer based on the number of workers or other persons who access the workplace at the entrance of, and in, the workplace which the workers or other persons are required to use;

24.2 every employee who works away from the workplace, other than at home, must be provided with an adequate supply of hand sanitizer.

25. If a worker interacts with the public, the employer must provide the worker with sufficient supplies of hand-sanitizer at that worker's workstation for both the worker and the person with whom the worker is interacting.
26. Every employer must take measures to ensure that
- 26.1 all work surfaces and equipment are disinfected before work begins, regularly during the working period and after work ends;
  - 26.2 all areas such as toilets, common areas, door handles, shared electronic equipment are regularly cleaned and disinfected;
  - 26.3 disable biometric systems or make them COVID-19-proof
27. The employer must ensure that-
- 27.1 there are adequate facilities for the washing of hands with soap and cleanwater;
  - 27.2 only paper towels are provided to dry hands after washing – the use of fabric toweleling is prohibited;
  - 27.3 the workers are required to wash their hands and sanitize their hands regularly while at work;
  - 27.4 The workers interacting with the public are instructed to sanitize their hands between each interaction with public;
  - 27.5 surfaces that workers and members of the public come into contact with are routinely cleaned and disinfected.

#### **28. Cloth masks**

The main benefit of everyone wearing a cloth mask is to reduce the amount of virus droplets being coughed up by those with the infection and transmitted to others and to surfaces that others may touch. Since some persons with the virus may not have symptoms or may not know they have it, the Department of Health requires that all persons wear cloth masks when in a public place.

29. For the reasons underlying the Department of Health's requirement, every employer must –
- 29.1 provide each of its employees, free of charge, with a minimum of two cloth masks, which comply with the requirement set out in the Guidelines issued by the Department of Trade, Industry and Competition,<sup>8</sup> for the employee to wear while at work and while commuting to and from work; and
  - 29.2 require any other worker to wear masks in the workplace.
30. The number and replace ability of cloth masks that must be provided to an employee or required of other workers must be determined in accordance with any sectoral guideline and in the light of the employee or worker's conditions of work, in particular, where these may result in the mask becoming wet or soiled.
31. Every employer must ensure that workers are informed, instructed, trained and instructed as to the correct use of cloth masks.
32. An employer must make appropriate arrangements for the washing, drying and ironing of cloth masks in accordance with the Guidelines referred in clause 31.1 recommendations.
33. The general requirement for workers to wear masks does not derogate from the fact that, where a risk assessment indicates that PPE is required, those categories of workers must be provided with the accredited PPE in accordance with Department of Health guidelines.

#### **34. Measures in respect of workplaces to which public have access**

The principal purpose of the measures contained in the following clause is to protect workers from being exposed to the virus through their interaction with the public and to protect members of the public from being exposed to virus through their interaction with workers or other persons present in such a workplace.

Depending on what is reasonably practicable given the nature of the workplace, every employer must-

- 34.1 arrange the workplace to ensure that there is a distance at least one and a half metres between

workers and members of the public or between members of the public; or

34.2 put in place physical barriers or provide workers with face shields or visors;

34.3 if appropriate, undertake symptom screening measures of persons other than the employees entering the workplace with due regard to available technology and any guidelines issued by the Department of Health;

34.4 if appropriate, display notices advising persons other than employees entering the workplace of the precautions they are required to observe while in the workplace;

34.5 require members of the public, including suppliers, to wear masks when inside their premises.

### **35. Ventilation**

Every employer must –

34.1 keep the workplace well ventilated by natural or mechanical means to reduce the SARS-CoV-2 viral load;

34.2 where reasonably practicable, have an effective local extraction ventilation system with high- efficiency particulate air HEPA filters, which is regularly cleaned and maintained, and its vents do not feedback in through open windows;

34.3 ensure that filters are cleaned and replaced in accordance with the manufacturer's instructions by a competent person.

### **36. Other PPE**

Every employer must check regularly on the websites of the National Department of Health<sup>9</sup>, National Institute of Communicable Diseases<sup>10</sup> and the National Institute for Occupational Health whether any additional PPE is required or recommended in any guidelines given the nature of the workplace or the nature of a worker's duties.

### **37. SMALL BUSINESSES**

Employers with less than 10 employees must take the following measures:

37.1 arrange the workplace to ensure that employees are at least one and half metres apart or, if not practicable, place physical barriers between them to prevent the possible transmission of the virus;

37.2 ensure that employees that present with the symptoms set out in clause 21 are not permitted to work;

37.3 immediately contact the COVID-19 hotline: 0800 02 9999 for instruction and direct the employees to act in accordance with those instructions;

37.4 provide cloth masks or require an employee to wear some form of cloth covering over their mouth and nose while at work;

37.5 provide each employee with hand sanitizers, soap and clean water to wash their hands and disinfectants to sanitize their workstations;

37.6 ensure that each employee while at work washes with soap and sanitizes their hands; and

37.7 ensure that their workstations are disinfected regularly;

37.8 take any other measures indicated by a risk assessment. Worker obligations

**38.** In addition to the obligations of employees under the OHS Act, every worker is obliged to comply with measures introduced by their employer as required by this Directive.

### **39. Monitoring and enforcing the Directive**

An inspector designated in terms of section 28 of OHS Act may perform any of the functions in section 29 of OHS Act and exercise any of the powers listed in section 30 of OHS Act in order to monitor compliance

with this Directive.

**40.** In so far as any contravention of this Directive constitutes a contravention of an obligation or prohibition under OHSA, the offences and penalties provided for in section 38 of OHSA apply.

**41.** An inspector, contemplated in clause 42, may for the purpose of promoting, monitoring and enforcing compliance with the OHSA, advise employees and employers of their rights and obligations in terms of this Directive in accordance with section 64 of the BCEA.

**42. Sectoral guidelines**

The Chief Inspector appointed in terms of section 27 the OHSA must facilitate the development of sector specific guidelines to supplement this Directive by engaging with the social partners through the offices of the National Economic Development and Labour Advisory Council.

**43.** The sector specific guidelines must follow the template attached as Annexure A.

**ANNEXURE A  
SECTORAL GUIDELINES TEMPLATE**

**1. Risk assessment**

- 1.1. Identification of exposure levels
- 1.2. Identification of “high contact” activities
  - 1.3. Identification of vulnerable workers and special measures for their protection, including protection against unfair discrimination or victimization

**2. Engineering controls**

- 2.1. Ventilation
- 2.2. Physical barriers
- 2.3. Adaptation of workstations to increase social distance

**3. Administrative controls**

- 3.1. Screening/ reporting of symptoms/ sick leave
- 3.2. Minimizing contact
- 3.3. Rotation and shift work
- 3.4. Work-at-home strategies
- 3.5. Communication and information strategies
- 3.6. Role of health and safety committees and representatives
- 3.7. Education and training
- 3.8. Reporting of incidents for regulatory purposes
- 3.9. Reporting for purposes of public health, contact tracing, screening, testing and surveillance

**4. Healthy and safe work practices**

- 4.1. Disinfectants, sanitizers and personal hygiene
- 4.2. Other

**5. PPE**

- 5.1. Masks
- 5.2. Gloves
- 5.3. Facial shields
- 5.4. Other

**6. Provision of safe transport for employees**

- 6.1. Personal hygiene
- 6.2. Social distancing
- 6.3. Arrangements to minimize exposure associated with commuting
- 6.4. Cloth masks (if commuter)
- 6.5. PPE (driver/conductor of employer-provided transport)

## Specification for developing skills that result in nationally accredited outcomes through infrastructure contracts

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Specification for developing skills that result in nationally accredited outcomes through infrastructure contracts

### 1 Scope

This specification establishes a key performance indicator in the form of a contract skills development goal (CSDG) relating to the structured work learning component of occupational or professional learning, which enables learners to make measurable progress towards the attainment of:

- a) a part or full occupational qualification registered on the National Qualification Framework,
- b) a trade qualification leading to a listed trade (GG No. 35625, 31 August 2012);
- c) a national diploma registered on the National Qualification Framework; or
- d) registration in a professional category by a recognized professional body or statutory council.

in the delivery, maintenance and operation of infrastructure through the performance of professional service, service, supply or engineering and construction works contracts or an order associated with such a contract.

This specification sets out the methods by which the key performance indicator is established, measured, quantified and verified in the performance of the contract or the execution of an order.

NOTE This specification can be applied to contracts or to orders (call-offs) issued in terms of framework agreements. Framework agreements are well suited to situations in which long term relationships are entered into. They offer flexibility in attaining contract skills development goals as requirements can be adjusted from one order to another, thus allowing key performance indicators to be improved upon over time.

### 2 Terms and definitions

For the purposes of this document, the following terms and definitions apply:

#### ***allowance***

amount provided for in the contract or an order by the employer relating to one or more of the following:

- a) the performance by the contractor of work or services that are foreseen but cannot be accurately specified at the time that the contract was entered into or the order issued;
- b) work or services to be performed, or goods provided, by a subcontractor who is either nominated by the employer or is selected by the employer in consultation with the contractor after the award of the contract or the issuing of an order;
- c) provision for price adjustment for inflation; or
- d) other budgetary provisions intended to cover the employer's contractual risks

#### ***artisan***

a person who has been certified as competent to perform a listed trade in accordance with Section 26B of the Skills Development Act of 1998 (Act No. 97 of 1998)

#### ***black people***

a generic term which means Africans, Coloureds and Indians and who are citizens of the Republic of South Africa:

- a) by birth or descent; or
- b) by naturalisation before 27 April 1994 or on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalisation prior to that date

***candidate***

a person who is registered in a category of registration which ultimately leads to registration in a professional category by a statutory council in terms of their founding legislation

***class of construction works***

the class of construction works referred to in Schedule 3 of the Construction Industry Development Regulations 2004 as amended and published in terms of the Construction Industry Development Board Act of 2000 (Act 38 of 2000)

***contract amount***

financial value of the contract at the time of the award of the contract or the issuing of an order, excluding all allowances and expenses and value added tax

***contract skills development goal (CSDG)***

the number of hours of skills development opportunities that a contractor contracts to provide in relation to work directly related to the contract or order up to:

- a) completion in the case of a professional service contract;
- b) the end of the service period in the case of a service contract;
- c) completion (state of readiness for occupation of the whole works although some minor work may be outstanding) in the case of an engineering and construction works contract; and
- d) the delivery date for all the work required in terms of the supply contract

***contractor***

person or organization that contracts to provide the goods, services or engineering and construction works covered by the contract

***employer***

person or organization intending to or entering into the contract with the contractor for the provision of goods, services, or engineering and construction works

***employer's representative***

person authorized to represent the employer in terms of the contract

***engineering and construction works contract***

contract for the provision of a combination of goods and services arranged for the development, extension, refurbishment, rehabilitation or demolition of a fixed asset, including building and engineering infrastructure

***expenses***

costs incurred by the contractor in the performance of the contract or order which are in terms of the contract recoverable from the employer

***framework agreement***

an agreement between an organ of state and one or more contractors, the purpose of which is to establish the terms governing orders to be awarded during a given period, in particular with regard to price and, where appropriate, the quantity envisaged.



**mentor**

a qualified, experienced and, in the case of professionals, registered person, designated to guide a learner or candidate through a structured work experience learning component of a learning programme required for the acquisition of a part or full qualification or professional designation

**occupational qualification**

occupational qualification registered on the National Qualifications Framework Act (Act No 67 of 2008)

**order**

an instruction to provide goods, services or any combination thereof under a framework agreement

**part qualification**

an assessed unit of learning that is registered on the National Qualifications Framework as part of an occupational qualification

**professional category**

a category of registration identified in Table 1 or such other category recognized by the Employer in the application of this specification

**Table 1: Categories of registration**

<b>Profession</b>	<b>Category of registration</b>	<b>Act</b>
Architectural	Architect, Senior Architectural Technologist, Architectural Technologist or Architectural Draughts person	Architectural Profession Act of 2000 (Act No. 44 of 2000)
Construction project management	Construction Project Manager	Project and Construction Management Professions Act of 2000 (Act No. 48 of 2000)
Construction management	Construction Manager	
Engineering	Engineer, Engineering Technologist, Engineering Technician or Certificated Engineer	Engineering Profession Act of 2000 (Act No. 46 of 2000)
Landscape Architectural	Landscape Architect, Landscape Technologist, Landscape Technician or Landscape Assistant	Landscape Architectural Profession Act of 2000 (Act No. 45 of 2000)
Quantity surveying	Quantity surveyor	Quantity Surveying Profession Act of 2000 (Act No. 49 of 2000)
Scientists	Natural scientists	Natural Scientific Professions Act (Act No. 27 of 2003)
Surveying	Land surveyor, Engineering surveyor or Technician engineering surveyor	Professional and Technical Surveyors' Act (Act No. 40 of 1984)

**professional service contract**

contract for the provision of services with the skill and care normally delivered by professionals

**Sector Education and Training Authority (SETA)**

an institution established under section 9 of the Skills Development Act, Act 97 of 1998 and which has the

responsibility under this Act to register learners on learning programed

***service contract***

contract for the provision of labour or work, including knowledge-based expertise, carried out by hand or with the assistance of equipment and plant

***site***

means the land or place made available by the employer, for the purposes of the contract or order, on, under, over, in or through which the works or services are to be executed

***skills development agency***

an agency which performs some or all of the functions set out in section 4.1.4.

***statutory council***

a council as established under the

- a) South African Council for the Architectural Profession, established by the Architectural Profession Act of 2000 (Act No. 44 of 2000);
- b) South African Council for the Project and Construction Management Professions, established by the Project and Construction Management Professions Act of 2000 (Act No. 48 of 2000);
- c) Engineering Council of South Africa, established by the Engineering Profession Act of 2000 (Act No. 46 of 2000);
- d) South African Council for the Landscape Architectural Profession, established by the Landscape Architectural Profession Act of 2000 (Act No. 45 of 2000);
- e) South African Council for the Quantity Surveying Profession, established by the Quantity Surveying Profession Act of 2000 (Act No. 49 of 2000);
- f) South African Council for Professional and Technical Surveyors, established by the Professional and Technical Surveyors' Act of 2000 (Act No. 40 of 1984); or
- g) South African Council for Natural Scientific Professions, established by the Natural Scientific Professions Act (Act No. 27 of 2003):

***structured mentorship***

mentorship provided by a person who is registered in a suitable category of professional registration by a statutory council or professional body which leads and directs a candidate towards professional registration

***structured work experience learning component***

component of learning in an occupational qualification or for professional designation whereby a learner is mentored by a qualified, and where required, registered mentor in the application and integration of the knowledge and practical skills learnt, under supervision, in the actual context of a workplace in accordance with the prescripts set by the relevant qualifying authority, professional body or statutory council.

***supervisor***

a supervisor is a person in the particular workplace charged with the responsibility of allocating workplace tasks to a learner that are aligned to the prescriptions of their learning programme and of overseeing and reporting on that learning using a formally agreed record keeping system

***supply contract***

contract for the provision of goods and associated services including design

***work integrated learning***

the workplace learning component required by learners completing a national diploma at a University of Technology or Comprehensive University.

### 3 Requirements

#### 3.1 Contract skills development goal (CSDG)

**3.1.1** The contractor shall attain or exceed the contract skills development goal in the performance of the contract or the execution of an order.

**3.1.2** The contract skills development goal shall be not less than:

- a) the contract amount in millions of Rand multiplied by:
  - 1) the relevant number of hours per million Rand expenditure contained in Table 2 in the case of engineering and construction works contracts for the applicable class of construction works used in the application of the Construction Industry Development Regulations issued in terms of the Construction Industry Development Board Act of 2000; or
  - 2) 300 in the case of a service contract; or
  - 3) 100 in the case of a professional service contract or a supply contract; or
- b) the hours tendered in the preference schedule or the quantum agreed in the scope of work of the contract or order.

Example: The contract amount for an engineering and construction works contract in the GB class of construction works is R65,7 million. The contract skills development goal is  $65,7 \times 250 = 16\,425$  hours.

**Table 2: Number of hours per million Rand expenditure in an engineering and construction work contract**

Class of construction works as identified in terms of Regulation 25(3) of the Construction Industry Regulations 2004		Number of hours per million Rand expenditure
Designation	Description	
CE	Civil engineering	125
CE or GB	Civil Engineering or general building	190
EE	Electrical engineering works (buildings)	125
EP	Electrical engineering works (Infrastructure)	125
GB	General building	250
ME	Mechanical engineering works	125
SB	Specialist	125

**3.1.5** Where required in terms of the contract or order, a specified proportion of the learners and candidates shall be selected from a list of persons in the employ of the state contained in the scope of work of the contract or order under the terms and conditions embodied therein.

NOTE: The contract skills development goal can be achieved through the direct employment of persons who are developing skills that result in nationally accredited outcomes, through the engagement of subcontractors who employ such persons or, where specifically required, the provision of work place opportunities to employees of the state.

#### 3.2 Achieving the contract skills development goal (CSDG)

**3.2.1** The contractor shall achieve the measurable contract skills development goal by providing one or a combination of any of the following in relation to work directly related to the contract or order:

**Method 1:** structured work experience learning component opportunities for learners towards the attainment of a part qualification or a full occupational qualification;

**Method 2:** structured work experience learning component opportunities for apprentices or other artisan learners towards the attainment of a trade qualification leading to a listed trade (GG No. 35625,31 August 2012) subject to at least 60% of the artisan learners being holders of public FET college qualifications;

**Method 3:** work integrated learning opportunities for University of Technology or Comprehensive University students completing their national diplomas;

**Method 4:** structured work experience opportunities for candidates towards registration in a professional category by a recognized professional body or statutory council.

**3.2.2** No single method, except in the case of professional service contracts, shall contribute more than 75 percent of the contract skills development goal, Method 1 shall not contribute to more than 25 percent of the contract skills development goal in engineering and construction works or service contract and related orders.

**3.2.3** Not more than one method may be applied to any individual in the calculation of the contract skills development goal.

NOTE: The principle is that an individual can only be counted once towards the CSDG.

### 3.3 Contract skills development goal credits

**3.3.1** Credits towards the contract skills development goal shall be granted by summing the hours of opportunities provided in accordance with this specification.

**3.3.2** No more than 8 hours may be claimed for any 24 hour period for any individual.

**3.3.3** Contract skills development goal credits shall be reduced to the extent that they fail to comply with the requirements of this specification.

### 3.4 Denial of credits

Credits towards the contract skills development goal shall be denied should:

- 
- a) the opportunities not be provided on site or the opportunities cannot be directly linked to the contract or order;
  - b) the following not be provided:
    - 1) the required contract compliance baseline plan, an interim contract compliance report or a final contract compliance report;
    - 2) the required mentorship plan for a candidate;
    - 3) the required training plan for learners;
    - 4) the training reports covering a period; or
    - 5) the required records, specified documents and signatures;
  - c) the structured mentorship be found not to be in accordance with the requirements of the applicable professional body, statutory council or qualifying authority;
  - d) the structured work experience learning component be found not to be in accordance with the curriculum requirements of the part qualification or qualification or prescription for professional registration for which

the learner is registered;

- e) conditions of employment and rates or allowances for learners not be in accordance with legislative provisions;
- f) the contractor does not maintain the required training records or an audit reveals that there is insufficient information to substantiate claims for credits; and
- g) a learner, learner artisan or candidate fails to present their credentials for assessment when they have, in the opinion of the mentor, sufficient structured work experience or structured mentorship to do so.

## 4 Compliance with requirements

### 4.1 General

4.1.1 The contractor shall submit to the employer's representative:

- a) within 30 days of the contract coming into effect or the issuing of an order, a contract compliance base line training plan (see Annex A) taking into account the skills mix and type of workers that are to be engaged;
- b) interim contract compliance training reports (see Annex A) at intervals which do not exceed 3 months;
- c) a final contract compliance training report (see Annex A) within 15 days of reaching completion, final delivery or the end of the service as relevant; and
- d) a report which provides a breakdown of the number of hours reported in each interim and in the final contract compliance report into black people and women and people with disabilities.

NOTE: The Code of Good Practice on Key Aspects of Disability in the Workplace issued in terms of Employment Equity Act No 55, OF 1998 provides guidance on establishing who are people with disabilities.

4.1.2 The contractor shall keep records of the name and identity number, hours worked, payments made to, registration particulars towards a part qualification or occupational qualification and particulars of opportunities offered to persons who are provided with work experience learning component opportunities which contribute to the contract skills development goal and any other training records required by or which demonstrate compliance with this specification. The contractor shall allow the employer's representative to inspect or audit such training records at any time within working hours.

4.1.3 The employer's representative shall undertake suitable random audits on records to confirm compliance with requirements.

4.1.4 Where learners are sourced through a Skills Development Agency (SDA), the contractor shall enter into a contract agreement with one or more SDAs of their choice that is participating in the implementation of this specification to, as relevant:

- a) facilitate placement of learners for training opportunities;
- b) prepare training plans for registered learners, including details of the scope of experiential work to be covered and expected outcomes;
- c) register learners with the appropriate sector Education and Training Authority established in terms of the Skills Development Act of 2008 (Act 37 of 2008);
- d) manage all the employment functions of learners such as payment of stipends, contributions to the Unemployment Insurance Fund, Workman's Compensation, provision of personal protective clothing, trade specific tools, etc.;

- e) liaise with the training co-ordinators to monitor onsite training progress of learners;
- f) liaise with the training co-ordinators to arrange for summative assessments at appropriate stages of the training; and
- g) liaise with the training co-ordinators to prepare reports for the employer or employer's representative.

#### **4.2 Structured workplace learning opportunities for learners**

**4.2.1** Structured work experience learning component opportunities shall be aligned to the curriculum requirements set for the particular part or full occupational qualification or professional designation for which the learner is registered.

**4.2.2** A responsible supervisor shall be appointed to allocate learning tasks, under the guidance of a qualified person, to learners in line with their training plans

**4.2.3** Mentoring associated with structured work experience learning component for artisan learners shall be undertaken by an artisan qualified in the applicable trade with a minimum of 3 years of trade related experience. The number of artisan learners mentored by a single mentor shall, unless otherwise permitted by the National Artisan Moderation Body, not exceed 4 at any one time.

**4.2.4** Mentoring associated with structured work experience learning component for learners leading to a part or an occupational qualification other than artisan learners shall be undertaken by a person qualified in the applicable discipline with a minimum of 3 years of experience.

**4.2.5** The contractor or service provider shall submit to the employer's representative, in respect of each learner:

- a) within one month of commencing work directly related to the contract or order, a workplace training plan together with name of the learner's mentor and supervisor
- b) within three months of commencing work directly related to the contract or order:
  - 1) proof of registration as a learner with the relevant SETA; and
  - 2) a copy of the mentorship agreement entered into with the learner or the company mentorship agreement entered into with the relevant qualified agency;
- c) within two weeks of updating a workplace training plan, the revised workplace training plan; and
- d) a quarterly progress report and a final report at the end of the structured mentorship period including a log of exposure and interactions with the mentor in sufficient detail to demonstrate compliance with requirements, signed off by the mentor, the supervisor and the learner.

**4.2.6** Learners shall be required by the mentor to complete training reports required by the relevant qualifying authority whenever a substantial activity or training period has been completed.

**4.2.7** The mentor and supervisor shall sign off all reports and logbooks to allow the learner to move to other projects or employment and continue on the path towards qualification and, where relevant registration, where the work related to the contract ends for whatever reason prior to the learner gaining sufficient experience for final assessment.

#### **4.3 Structured mentorship opportunities for candidates**

**4.3.1** Mentoring associated with structured work experience for candidates shall be in accordance with the prescripts of the relevant professional body or statutory council.

**4.3.2** The contractor shall:

- a) appoint a supervisor who is actively engaged in work directly associated with the contract to issue tasks, oversee their implementation and provide input to the candidate on an on-going basis;
- b) identify a suitable mentor for the candidate, if such candidate does not have a mentor, who shall enter into a mentoring agreement with the candidate or the company as required by the professional body or statutory council; and
- c) issue each candidate with a portfolio of evidence file which is to be kept up to date with all the documentation issued or prepared including the workplace training plan and all revisions thereof as well as copies of the logbook entries and training period reports;

**4.3.3** The mentor shall provide and update from time to time a workplace training plan for a candidate outlining the activities in which the candidate will be involved that includes activities required by the relevant statutory council. The mentor shall require candidates to maintain a logbook issued by the relevant statutory council. The mentor shall sign off such logbook at quarterly presentations and progress review meetings.

NOTE: The mentor should ensure where the duration of the contract or order exceeds the minimum time to register in a professional category of registration that candidates are exposed to the full range of activities and work towards assuming the full level of responsibility recommended by the relevant statutory council. This may require rotations and secondments.

**4.3.4** The contractor or service provider shall submit to the employer's representative, in respect of each candidate:

- a) within one month of commencing work directly related to the contract or order:
  - 1) a workplace training plan together with name of the candidate's mentor and supervisor
  - 2) proof of registration as a candidate with the relevant professional body or statutory council; and
  - 3) a copy of the mentorship agreement entered into with the candidate or the company mentorship agreement entered into with a professional body or statutory council;
- b) within two weeks of updating a workplace training plan, the revised workplace training plan.
- c) a quarterly progress reports and a final report at the end of the structured mentorship period including a log of exposure and interactions with the mentor in sufficient detail to demonstrate compliance with requirements, signed off by the mentor, the supervisor and the candidate.

**4.3.5** Candidates shall be required by the mentor to complete training reports required by the relevant statutory council whenever a substantial activity or training period has been completed.

**4.3.6** The mentor and supervisor shall sign off all reports and logbooks to allow the candidate to move to other projects or employment and continue on the path towards registration where the work related to the contract ends for whatever reason prior to the candidate gaining sufficient experience for registration.

## **5 Records**

**5.1** The contractor shall submit all the documentation required in terms of clause 4 in a timely manner.

**5.2** The employer's representative shall certify the value of the credits counted towards the contract skills development goal, if any, whenever a claim for payment is issued to the employer, and shall notify the contractor of this amount.

**5.3** The contractor shall, upon termination of the opportunities provided in order to satisfy the contract skills development goal, certify the quantum and nature of the opportunity and submit the certificate, counter-certified by the relevant individual, to the employer's representative for record-keeping purposes.

## **6 Sanctions**

In the event that the contractor fails to substantiate that any failure to achieve the contract skills development goal was due to reason beyond the contractor's control which may be acceptable to the employer, the sanctions provided for in the contract or order shall apply.



**Annex A: Skills compliance plans**

(Normative)

<b>Skills compliance base line plan</b>	
<b>Name of contractor:</b>	
Contact person:	Telephone:
Address:	Cell phone:
	Email:
<b>Contract / order number:</b>	<b>Start date for contract / order:</b>
<b>Contract title:</b>	
<b>Contract skills development goal (CSDG)</b> (tick appropriate box)	
<input type="checkbox"/> Tendered / contracted CSDG = ..... hours	
<input type="checkbox"/> Minimum CSDG calculated in accordance with standard	
<b>Minimum CSDG calculated in accordance with the standard</b> (complete only if applicable)	
<b>Contract type</b> (tick appropriate box):	<b>Contract amount</b>
<input type="checkbox"/> professional service	<b>excl VAT</b> R
<input type="checkbox"/> service	<b>Less expenses (if any)</b> R
<input type="checkbox"/> engineering and construction works	<b>Less allowances</b> R
CIDB Class of construction works, if applicable .....	<b>Contract amount</b> R
Contract amount expressed in millions of Rand R ..... m <b>①</b>	
Number of hours per million Rand expenditure from sub-clause 3.1.2 of the <i>Standard for developing skills that result in nationally accredited outcomes through infrastructure contracts</i> = ..... <b>②</b>	
Minimum contract skills development goal which the contractor is required to achieve (Gmin) = <b>①</b> x <b>②</b> = ..... X ..... = ..... hours	
<b>I intend achieving the CSDG as follows:</b>	
<input type="checkbox"/> <b>Method 1:</b> structured work experience learning component opportunities towards a part or a full occupational qualification	..... hours
<input type="checkbox"/> <b>Method 2:</b> structured work experience learning opportunities for apprentices or other artisan learners	..... hours
<input type="checkbox"/> <b>Method 3:</b> work integrated learning opportunities for University of Technology or Comprehensive University national diploma students	..... hours
<input type="checkbox"/> <b>Method 4:</b> structured work experience opportunities for candidates towards registration in a professional category of registration	..... hours
	..... hours
<b>Total</b>	
The undersigned, who warrants that he / she is duly authorised to do so on behalf of the Contractor, confirms that the contents of this plan are within	

my personal knowledge and are to the best of my belief both true and correct.

Signed

Name

Position

<b>Skills compliance report</b> (tick appropriate box)		<b>Date:</b>		<input type="checkbox"/> <b>Interim report</b>		<input type="checkbox"/> <b>Final report</b>		
<b>Name of contractor:</b>								
Contact person:				Telephone				
Address:				Cell phone				
				Email				
<b>Contract / order number:</b>				<b>Start date for contract / order:</b>				
<b>Contract title:</b>								
<b>Contract skills development goal (CSDG) .....</b> hours								
<b>Method 1:</b> structured workplace experience learning component opportunities towards a part or a full occupational qualification								
<b>Employed by contractor</b>								
Name	Identity or passport number	Cell or telephone number	Part or full occupational qualification NQF ref. no.	Student number	SETA with whom learner is registered	Dates for Engagement on work related to contract		Total hours
						Start	End	
<b>Employed by subcontractor:</b> (state name)								
Name	Identity or passport number	Cell or telephone number	Part or full occupational qualification NQF ref. no.	Student number	SETA with whom learner is registered	Dates for engagement on work related to contract		Total hours
						Start	End	
<b>Method 2:</b> structured work experience learning component opportunities for apprentices or other artisan learners								
<b>Employed by contractor</b>								
Name	Identity or passport number	Cell or telephone number	Listed trade	National artisan learner data base registration number  (where available)	SETA with whom the learner is registered	Dates for engagement on works related to contract		Total hours
						Start	End	
<b>Employed by subcontractor:</b> (state name)								

Name	Identity or passport number	Cell or telephone number	Listed trade	National artisan learner database registration number (where available)	SETA with whom the learner is registered	Dates engagement on for works related to contract		Total hours
						Start	End	

**Method 3:** work integrated learning opportunities for University of Technology (UOT) or Comprehensive University (CU) diploma students

**Employed by contractor**

Name	Identify or passport number	Cell or telephone number	Diploma	Learner registration number	UOT/CU with whom the learner is registered	Date engagement on for contract		Total hours
						Start	End	

**Employed by sub-contractor**

Name	Identify or passport number	Cell or telephone number	Diploma	Learner registration number	UOT/CU with whom the learner is registered	Date engagement on for contract	Total hours

**Method 4:** structured work experience opportunities for candidates towards registration in a professional category of registration

**Employed by contractor**

Name	Identity or passport number	Cell or telephone number	Statutory council particulars		Dates engagement on for work related to contract		Total hours
			Title	Registration number	Start	End	

**Employed by subcontractor**

Name	Identity or passport number	Cell or telephone number	Statutory council particulars	Dates engagement on for work related to contract	Total hours

Name	Identity or passport number	number			work related to contract		Total hours
			Title	Registration number	Start	End	

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the Contractor, confirms that the contents of this plan are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

Name

Position

**Annex B: Incorporating this specification in a procurement document**

**B1 General**

**B1.1** The following clause should be added to the scope of work of a contract or order to establish requirements:  
***Skills development requirements***

The contractor shall achieve in the performance of the contract the contract skills development goal established in the Department of Higher Education and Training’s *Standard for developing skills that result in nationally accredited outcomes through infrastructure contracts* (September 2012)

Note: The term contractor may need to be changed to “consultant” or “professional service provider” depending upon the term that is used in the form of contract that is adopted. The term “performance of the contract” may need to be replaced with “execution of an order” where the scope of work forms part of an order.

**B1.2** Where an employer requires that employees of the state be seconded to the contractor in order to be provided with work integrated learning opportunities, structured workplace experience opportunities or structured mentorship opportunities in accordance with the provisions of this standard, the following clause should be included in the scope of work:

The specified proportion of employees of the state is ..... %. Work integrated learning opportunities / structured workplace experience opportunities / structured mentorship opportunities shall be offered to any of the persons identified in Annexure 1. Persons selected by the contractor from the list in Annexure1 shall be seconded to the contractor under the following terms and conditions:  
.....

NOTE: The annexure should inform the contractor of the opportunities which the named employees of the state require through the contract or order in order to attain a nationally accredited outcome.

**B2 Financial incentives**

Financial incentives may be offered to contractors should they exceed a key performance indicator (KPI) in the performance a contract in the form of a contract skills development goal in accordance with the requirements of this standard which can be agreed to either through a negotiation process before or after a contract or order is awarded.

Financial incentives should not be confused for preferences for rewarding contractors for offering to achieve a deliverable and a financial penalty (low performance damages) for failing to deliver on obligations. The intention for offering financial incentives for the attainment of KPIs is to encourage, rather than coerce, the contractor to meet and exceed the employer’s objectives.

Financial incentives can be formulated in a number of ways. The most common way is to make them linearly proportional to increases in contract participation goals. Stepped incentives may also be used. Consideration should be given to capping the quantum of the financial incentive.

Option X20 (Key Performance Indicators) of the NEC3 Engineering and Construction Contract, NEC3 Professional Service Contract and the NEC3 Term Service Contract makes provision for a contractor to be paid an amount stated in an incentive schedule if the target stated for a key performance indicator is improved upon or achieved.

Additional conditions of contact need to be framed and included in the contract data where use is made of other forms of contract.

**Note:** Financial incentives are usually used where tenderers are not invited to tender contract skills development goals, but are required to accept a minimum contract skills development goal and are rewarded for performance beyond the minimum.

*B3 Sanctions*

Sanctions should be provided for in the contract in the event that the contractor fails to substantiate that any failure to achieve the contract participation goal was due to quantitative under runs, the elimination of items, or any other reason beyond the contractor's control which may be acceptable to the employer.

Appropriate action should be taken by employers against tenderers who are awarded contracts in preference to others on a fraudulent basis or against contractors who fail to achieve their contractual obligations relating to the development of skills. Employers have a number of sanctions and contractual remedies available to address such situations, including the imposition of a financial penalty (low performance damages) more severe than the financial preference calculated at the time when tenders were evaluated or more severe than complying with contractual obligations or not awarding future orders in terms of framework agreements.

## **PART C2-1: PRICING DATA**



<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

## C2.1 Pricing Data

### GENERAL NOTES

#### 1. Documents

The Schedule of Quantities form part of the Document and must be read in conjunction with the other parts forming the Document in order to gain the full meanings of the descriptions of the work to be done and materials and equipment to be used.

#### 2. Alterations

No alterations, erasure or addition is to be made in the text of the Schedule of Quantities. Should any alteration, erasure or addition be made, it will not be recognised and the original wording of the Schedule of Quantities will be adhered to.

#### 3. Issue of Schedule of Quantities in Electronic Format

The Engineers will make the Schedule of Quantities available to Tenderers in electronic (Microsoft Excel Workbook) format, upon request.

If utilised for tender submission, the Tenderer will be responsible for ensuring the correctness of all calculations. The Consulting Electrical Engineers cannot be held responsible for any arithmetic inaccuracies in the electronic Schedule of Quantities.

#### 4. Pages

Before submitting his Tender, the Tenderer must check to ensure all pages have been included and are distinct. Should any obvious errors be found the Engineer is to be notified immediately to have them corrected as no liability whatsoever will be admitted by the Engineer in respect of errors in the Tender due to the foregoing.

#### 5. Responsibility

The responsibility for the accuracy of the quantities written into the Schedule of Quantities remains with the person who prepared the Schedule of Quantities. The Tenderer shall be relieved of the responsibility of measuring quantities at the Tender stage, and the Tender Price submitted shall be in respect of the quantities set out in the Schedule of Quantities.

The Tenderer will be required to make his assessment of items such as brackets, fixings, etc., from details stated in the Schedule of Quantities and shall make allowances therefore within the rates tendered.

Tenderers shall make due allowance in their rates for any item of incidental or contingent work, labour and materials not contained in the Schedule of Quantities, but deemed necessary for the successful completion of the Works.

#### 6. Offered rates in the Schedule of Quantities

The rates in the Schedule of Quantities shall be final and no further adjustment will be made.

#### 7. Currency

All the offered rates in the Schedule of Quantities shall be in South African Rands (R). Any items purchased overseas must be converted to local currency with all exchange rates and export charges.

#### 8. Unit Rates

Unless a separate rate for the supply and the installation of any item is specifically called for, the supply and installation costs of any items shall be fully included in the unit price.

The description of each item shall, unless otherwise stated herein, be held to include making, conveying, and delivering, unloading, storing, unpacking, hoisting, setting, fitting and fixing in position, cutting and

waste, patterns, models and templates plant, temporary works, return of water establishment charges, profit and all other obligations arising out of the Conditions of Contract.

#### **9. Variations**

Variations in the scope and extent of the work included in the Schedule of Quantities shall be allowed in order to meet the Employer's requirements and shall be measured and costed at the rates entered in the Schedule of Quantities, where appropriate, forming an addition to or deduction from the total of the Schedule of Quantities. Any items or variations for which rates have not been added in the Schedule of Quantities shall be agreed and priced as non-scheduled items in accordance with the provisions of the contract.

The rules governing the extent and costing of the variations shall be those provided for in the Conditions of Contract and Variations to Sub-contract.

Variations to the planning before the work has been executed shall be priced as above. Alterations to work already executed cannot necessarily be priced as above and must be reviewed on its merits.

The appropriate portions of the Preliminary & General Costs are to be adjusted proportionately to the nett additions or omissions of the variations to the contract

#### **10. Preliminary and General**

Tenderers are to note that no allowances have been made in the Schedules of Quantities for the pricing of "Preliminary & General" items.

Tenderers shall therefore, include the "Preliminary & General" component of their Tender Price in their tendered rates for the respective items of equipment / Work.

#### **11. Provisional Sums**

All Provisional Sums shall be expended only as directed by the Client and Engineer and any balance remaining shall be deducted from the amount of the Sub-contract sum. No work for which Provisional Sums are provided shall be commenced without written instructions from the Engineer.

All Provisional Sums may be utilised in full or in part. These Provisional Sums may be deleted in full or in part if not required.

#### **12. Contingency Sums**

All Contingency Sums shall be expended only as directed by the Client and Engineer. No work for which Contingency Sums are provided shall be commenced without written instructions from the Engineer.

All Contingency Sums may be utilised in full or in part. These Contingency Sums may be deleted in full or in part if not required.

#### **13. Dayworks**

The rates included for daywork shall not form part of the Tender Price, but Tenderers shall note that this item must be regarded as provisional and will only be payable to the Sub-contractor if and when a written order to this effect has been issued.

#### **14. Value Added Tax**

This Schedule of Quantities shall be priced nett, excluding VAT.

VAT shall only be added at the Summary at the end of the Schedule of Quantities for the Principal Contract.

#### **15. Adjustment**

The Employer reserves the right to adjust arithmetical errors in the extension of rates and totals in the Tender, and the Tenderer will be informed of the effect of any corrections on his Tender Sum prior to the award of the Contract. In no case will tendered rates be adjusted when correcting such errors.

In the event of there being tendered rates or prices which are declared by the Employer to be unacceptable to him, because they are either excessively low or high or not in proper balance with other rates, the Tenderer may be required to produce evidence and advance arguments in support of the tendered rates or prices objected to. If after submission of such evidence and any further evidence requested, the Employer is still not satisfied with the tendered rates or prices objected to, he may request the Tenderer to amend these rates and prices along the lines indicated by him.

The Tenderer may or may not thereupon alter and amend the rates and prices objected to and such other related prices as are agreed to by the Employer. Should the Tenderer fail to amend his Tender in a manner acceptable to the Employer, or at all, it may prejudice his Tender.

In the case of Tenders with Schedule of Quantities, the total corrected Tender Price in the Tender Form shall constitute the Sub-contract Sum. Tenderers are advised to check their extensions and additions. In the case of a Lump Sum Tender, the original uncorrected Tender Price shall be considered. The Engineer shall negotiate adjustments to the rates tendered in order to correct the arithmetical extension or addition, whilst the Tender Price as submitted, remains unaltered.

In either case, the Tenderer shall be notified of any arithmetical error in his Tender, and shall be given the opportunity to withdraw the Tender at this stage.

#### **16. Quantification**

The successful Tenderer and the Employer or his Agent may agree that the total of any Schedule, including any variations by way of additions thereto or deductions there from, represents a fair and accurate quantification of the items set out in the Schedule of Quantities and the parties may agree final payment on that basis. In the event of any dispute as to the quantities, the disputed item or items shall be adjusted where necessary.

#### **17. Ordering**

The quantities in this Schedule of Quantities shall not be used for ordering materials. The onus is on the successful Tenderer to order the correct quantities of materials as per the drawings.

#### **18. Payment**

The measurement and payment of Work done shall be made in accordance with the unit price rates, and rates of pay listed in the Schedule of Quantities. No payment will be made for any item of associated work not specifically detailed in the Schedule of Quantities.

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

## **C2.2 Schedules of Quantities**

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**OR TAMBO DISTRICT**

**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 1B-1**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**King Sabato Dalindyebo**

**SCHEDULE 1B-1 : FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>VERIFICATION OF ASSETS ON SITE</b> : Verify assets on site vs Asset Register (C4.1), and compile plant layout line drawings as per GM 2.5 (1) and (2).				
1.1		Zwelichumile Clinic	Item	1		
1.2		Phakamile Clinic	Item	1		
1.3		Qunu Clinic	Item	1		
1.4		Mbekweni CHC	Item	1		
1.5		Mpunzana Clinic	Item	1		
1.6		Gengqe Clinic	Item	1		
1.7		Hlabatshane Clinic	Item	1		
1.8		Ngcengane Clinic	Item	1		
1.9		Mthatha Gateway Clinic	Item	1		
1.10		Mthatha Gateway Clinic	Item	1		
1.11		Mthatha General Hospital	Item	1		
1.12		Mthatha General Hospital	Item	1		
1.13		Mthatha General Hospital	Item	1		
1.14		Mthatha General Hospital	Item	1		
1.15		Mthatha General Hospital	Item	1		
1.16		Ngqungqu Clinic	Item	1		
1.17		Wilo Clinic	Item	1		
1.18		Kambi Clinic	Item	1		
1.19		Tshezi Clinic	Item	1		
1.20		Zidindi Clinic	Item	1		
1.21		Zitulele Hospital	Item	1		
1.22		Lutubeni Clinic	Item	1		
1.23		Sipetu Hospital	Item	1		
1.24		Sipetu Hospital	Item	1		
1.25		Nelson Mandela Academic Hospital	Item	1		
1.26		Nelson Mandela Academic Hospital	Item	1		
1.27		Nelson Mandela Academic Hospital	Item	1		
1.28		Nelson Mandela Academic Hospital	Item	1		
1.29		Nelson Mandela Academic Hospital	Item	1		
1.30		Ntapane Clinic	Item	1		
1.31		Libode Clinic	Item	1		
1.32		Makhotyana CHC	Item	1		
1.33		Nyandeni Clinic	Item	1		
1.34		Mangcwanguleni Clinic	Item	1		
1.35		Buntingville Clinic	Item	1		
1.36		Malusi Clinic	Item	1		
1.37		Mthatha EMS Station	Item	1		

1.38		Ncambele Clinic	Item	1		
1.39		Mpeko Clinic	Item	1		
1.40		Maxwele Clinic	Item	1		
1.41		Bityi	Item	1		
1.42		Ntshabeni clinic	Item	1		
1.43		Mthatha EMS Station	Item	1		
1.44		Ncambele Clinic	Item	1		
1.45		Bedford Hospital	Item	1		
1.46		Bedford Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						



**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 1B-2**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**King Sabato Dalindyebo**

**SCHEDULE 1B-2: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5 & 3.2	<b>VERIFICATION OF SPARE PART INVENTORY ON SITE</b> : Find and verify all spares for the asset type that is currently available on site				
2.1		Zwelichumile Clinic	Item	1		
2.2		Phakamile Clinic	Item	1		
2.3		Qunu Clinic	Item	1		
2.4		Mbekweni CHC	Item	1		
2.5		Mpunzana Clinic	Item	1		
2.6		Gengqe Clinic	Item	1		
2.7		Hlabatshane Clinic	Item	1		
2.8		Ngcengane Clinic	Item	1		
2.9		Mthatha Gateway Clinic	Item	1		
2.10		Mthatha Gateway Clinic	Item	1		
2.11		Mthatha General Hospital	Item	1		
2.12		Mthatha General Hospital	Item	1		
2.13		Mthatha General Hospital	Item	1		
2.14		Mthatha General Hospital	Item	1		
2.15		Mthatha General Hospital	Item	1		
2.16		Ngqungqu Clinic	Item	1		
2.17		Wilo Clinic	Item	1		
2.18		Kambi Clinic	Item	1		
2.19		Tshezi Clinic	Item	1		
2.20		Zidindi Clinic	Item	1		
2.21		Zitulele Hospital	Item	1		
2.22		Lutubeni Clinic	Item	1		
2.23		Sipetu Hospital	Item	1		
2.24		Sipetu Hospital	Item	1		
2.25		Nelson Mandela Academic Hospital	Item	1		
2.26		Nelson Mandela Academic Hospital	Item	1		
2.27		Nelson Mandela Academic Hospital	Item	1		
2.28		Nelson Mandela Academic Hospital	Item	1		
2.29		Nelson Mandela Academic Hospital	Item	1		
2.30		Ntapane Clinic	Item	1		
2.31		Libode Clinic	Item	1		
2.32		Makhotyana CHC	Item	1		
2.33		Nyandeni Clinic	Item	1		
2.34		Mangcwanguleni Clinic	Item	1		
2.35		Buntingville Clinic	Item	1		
2.36		Malusi Clinic	Item	1		
2.37		Mthatha EMS Station	Item	1		

2.38		Ncambele Clinic	Item	1		
2.39		Mpeko Clinic	Item	1		
2.40		Maxwele Clinic	Item	1		
2.41		Bityi	Item	1		
2.42		Ntshabeni clinic	Item	1		
2.43		Mthatha EMS Station	Item	1		
2.44		Ncambele Clinic	Item	1		
2.45		Bedford Hospital	Item	1		
2.46		Bedford Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 1B-3**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**King Sabato Dalindyebo**

**SCHEDULE 1B-3: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.7	<b>COMPILING OF CONDITIONAL AND PERFORMANCE INSPECTION REPORT:</b> Compile a inspection report on the current status and operation of the existing generating sets on site. The report shall be in line with the inspection report template included in this tender.				
3.1		Zwelichumile Clinic	Item	1		
3.2		Phakamile Clinic	Item	1		
3.3		Qunu Clinic	Item	1		
3.4		Mbekweni CHC	Item	1		
3.5		Mpunzana Clinic	Item	1		
3.6		Gengqe Clinic	Item	1		
3.7		Hlabatshane Clinic	Item	1		
3.8		Ngcengane Clinic	Item	1		
3.9		Mthatha Gateway Clinic	Item	1		
3.10		Mthatha Gateway Clinic	Item	1		
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3.17		Wilo Clinic	Item	1		
3.18		Kambi Clinic	Item	1		
3.19		Tshezi Clinic	Item	1		
3.20		Zidindi Clinic	Item	1		
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3.22		Lutubeni Clinic	Item	1		
3.23		Sipetu Hospital	Item	1		
3.24		Sipetu Hospital	Item	1		
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3.33		Nyandeni Clinic	Item	1		
3.34		Mangcwanguleni Clinic	Item	1		
3.35		Buntingville Clinic	Item	1		
3.36		Malusi Clinic	Item	1		

3.37		Mthatha EMS Station	Item	1		
3.38		Ncambele Clinic	Item	1		
3.39		Mpeko Clinic	Item	1		
3.40		Maxwele Clinic	Item	1		
3.41		Bityi	Item	1		
3.42		Ntshabeni clinic	Item	1		
3.43		Mthatha EMS Station	Item	1		
3.44		Ncambele Clinic	Item	1		
3.45		Bedford Hospital	Item	1		
3.46		Bedford Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 1B-4**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**King Sabato Dalindyebo**

**SCHEDULE 1B-4: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	GM 2.7	<b>COMPILING OF OPERATING AND MAINTENANCE MANUALS :</b> Compile three sets of O&M Manuals per site per asset type and asset model as per information from the Asset Register C4.1				
4.1		Zwelichumile Clinic	Item	1		
4.2		Phakamile Clinic	Item	1		
4.3		Qunu Clinic	Item	1		
4.4		Mbekweni CHC	Item	1		
4.5		Mpunzana Clinic	Item	1		
4.6		Gengqe Clinic	Item	1		
4.7		Hlabatshane Clinic	Item	1		
4.8		Ngcengane Clinic	Item	1		
4.9		Mthatha Gateway Clinic	Item	1		
4.10		Mthatha Gateway Clinic	Item	1		
4.11		Mthatha General Hospital	Item	1		
4.12		Mthatha General Hospital	Item	1		
4.13		Mthatha General Hospital	Item	1		
4.14		Mthatha General Hospital	Item	1		
4.15		Mthatha General Hospital	Item	1		
4.16		Ngqungqu Clinic	Item	1		
4.17		Wilo Clinic	Item	1		
4.18		Kambi Clinic	Item	1		
4.19		Tshezi Clinic	Item	1		
4.20		Zidindi Clinic	Item	1		
4.21		Zitulele Hospital	Item	1		
4.22		Lutubeni Clinic	Item	1		
4.23		Sipetu Hospital	Item	1		
4.24		Sipetu Hospital	Item	1		
4.25		Nelson Mandela Academic Hospital	Item	1		
4.26		Nelson Mandela Academic Hospital	Item	1		
4.27		Nelson Mandela Academic Hospital	Item	1		
4.28		Nelson Mandela Academic Hospital	Item	1		
4.29		Nelson Mandela Academic Hospital	Item	1		
4.30		Ntapane Clinic	Item	1		
4.31		Libode Clinic	Item	1		
4.32		Makhotyana CHC	Item	1		
4.33		Nyandeni Clinic	Item	1		
4.34		Mangcwanguleni Clinic	Item	1		
4.35		Buntingville Clinic	Item	1		
4.36		Malusi Clinic	Item	1		
4.37		Mthatha EMS Station	Item	1		



4.38		Ncambele Clinic	Item	1		
4.39		Mpeko Clinic	Item	1		
4.40		Maxwele Clinic	Item	1		
4.41		Bityi	Item	1		
4.42		Ntshabeni clinic	Item	1		
4.43		Mthatha EMS Station	Item	1		
4.44		Ncambele Clinic	Item	1		
4.45		Bedford Hospital	Item	1		
4.46		Bedford Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 1B-5**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**King Sabato Dalindyebo**

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>5</b>	<b>SS 8 &amp; 9</b>	<b>OPERATOR AND MAINTAINER TRAINING</b> : Provide Operator and Maintainer training as per SS8 and SS9				
5.1		Zwelichumile Clinic	hr	40		
5.2		Phakamile Clinic	hr	40		
5.3		Qunu Clinic	hr	40		
5.4		Mbekweni CHC	hr	40		
5.5		Mpuzana Clinic	hr	40		
5.6		Gengqe Clinic	hr	40		
5.7		Hlabatshane Clinic	hr	40		
5.8		Ngcengane Clinic	hr	40		
5.9		Mthatha Gateway Clinic	hr	40		
5.10		Mthatha Gateway Clinic	hr	40		
5.11		Mthatha General Hospital	hr	40		
5.12		Mthatha General Hospital	hr	40		
5.13		Mthatha General Hospital	hr	40		
5.14		Mthatha General Hospital	hr	40		
5.15		Mthatha General Hospital	hr	40		
5.16		Ngqungqu Clinic	hr	40		
5.17		Wilo Clinic	hr	40		
5.18		Kambi Clinic	hr	40		
5.19		Tshezi Clinic	hr	40		
5.20		Zidindi Clinic	hr	40		
5.21		Zitulele Hospital	hr	40		
5.22		Lutubeni Clinic	hr	40		
5.23		Sipetu Hospital	hr	40		
5.24		Sipetu Hospital	hr	40		
5.25		Nelson Mandela Academic Hospital	hr	40		
5.26		Nelson Mandela Academic Hospital	hr	40		
5.27		Nelson Mandela Academic Hospital	hr	40		
5.28		Nelson Mandela Academic Hospital	hr	40		
5.29		Nelson Mandela Academic Hospital	hr	40		
5.30		Ntapane Clinic	hr	40		
5.31		Libode Clinic	hr	40		
5.32		Makhotyana CHC	hr	40		
5.33		Nyandeni Clinic	hr	40		
5.34		Mangcwanguleni Clinic	hr	40		
5.35		Buntingville Clinic	hr	40		
5.36		Malusi Clinic	hr	40		
5.37		Mthatha EMS Station	hr	40		
5.38		Ncambele Clinic	hr	40		
5.39		Mpeko Clinic	hr	40		

5.40		Maxwele Clinic	hr	40		
5.41		Bityi	hr	40		
5.42		Ntshabeni clinic	hr	40		
5.43		Mthatha EMS Station	hr	40		
5.44		Ncambele Clinic	hr	40		
5.45		Bedford Hospital	hr	40		
5.46		Bedford Hospital	hr	40		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 1B-6**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**King Sabato Dalindyebo**

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>6</b>	<b>GM 3</b>	<b>MAINTENANCE CONTROL PLAN</b> : Compiling of a detailed Maintenance Control Plan for each Health Facility included in this Tender (See SS 3 for facility listing)				
6.1		Zwelichumile Clinic	Item	1		
6.2		Phakamile Clinic	Item	1		
6.3		Qunu Clinic	Item	1		
6.4		Mbekweni CHC	Item	1		
6.5		Mpunzana Clinic	Item	1		
6.6		Gengqe Clinic	Item	1		
6.7		Hlabatshane Clinic	Item	1		
6.8		Ngcengane Clinic	Item	1		
6.9		Mthatha Gateway Clinic	Item	1		
6.10		Mthatha Gateway Clinic	Item	1		
6.11		Mthatha General Hospital	Item	1		
6.12		Mthatha General Hospital	Item	1		
6.13		Mthatha General Hospital	Item	1		
6.14		Mthatha General Hospital	Item	1		
6.15		Mthatha General Hospital	Item	1		
6.16		Ngqungqu Clinic	Item	1		
6.17		Wilo Clinic	Item	1		
6.18		Kambi Clinic	Item	1		
6.19		Tshezi Clinic	Item	1		
6.20		Zidindi Clinic	Item	1		
6.21		Zitulele Hospital	Item	1		
6.22		Lutubeni Clinic	Item	1		
6.23		Sipetu Hospital	Item	1		
6.24		Sipetu Hospital	Item	1		
6.25		Nelson Mandela Academic Hospital	Item	1		
6.26		Nelson Mandela Academic Hospital	Item	1		
6.27		Nelson Mandela Academic Hospital	Item	1		
6.28		Nelson Mandela Academic Hospital	Item	1		
6.29		Nelson Mandela Academic Hospital	Item	1		
6.30		Ntapane Clinic	Item	1		
6.31		Libode Clinic	Item	1		
6.32		Makhotyana CHC	Item	1		
6.33		Nyandeni Clinic	Item	1		
6.34		Mangcwanguleni Clinic	Item	1		
6.35		Buntingville Clinic	Item	1		
6.36		Malusi Clinic	Item	1		
6.37		Mthatha EMS Station	Item	1		
6.38		Ncambele Clinic	Item	1		

6.39		Mpeko Clinic	Item	1		
6.40		Maxwele Clinic	Item	1		
6.41		Bityi	Item	1		
6.42		Ntshabeni clinic	Item	1		
6.43		Mthatha EMS Station	Item	1		
6.44		Ncambele Clinic	Item	1		
6.45		Bedford Hospital	Item	1		
6.46		Bedford Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 2B-1**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

King Sabato Dalindyebo

**SCHEDULE 2B-1: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>FUNCTIONAL CONDITION ASSESSMENT</b> : Perform Functional Condition Assessment (Inspection and Testing) on all listed assets at all Health Facilities included in the Tender				
1.1		Zwelichumile Clinic	Item	1		
1.2		Phakamile Clinic	Item	1		
1.3		Qunu Clinic	Item	1		
1.4		Mbekweni CHC	Item	1		
1.5		Mpuzana Clinic	Item	1		
1.6		Gengqe Clinic	Item	1		
1.7		Hlabatshane Clinic	Item	1		
1.8		Ngcengane Clinic	Item	1		
1.9		Mthatha Gateway Clinic	Item	1		
1.10		Mthatha Gateway Clinic	Item	1		
1.11		Mthatha General Hospital	Item	1		
1.12		Mthatha General Hospital	Item	1		
1.13		Mthatha General Hospital	Item	1		
1.14		Mthatha General Hospital	Item	1		
1.15		Mthatha General Hospital	Item	1		
1.16		Ngqungqu Clinic	Item	1		
1.17		Wilo Clinic	Item	1		
1.18		Kambi Clinic	Item	1		
1.19		Tshezi Clinic	Item	1		
1.20		Zidindi Clinic	Item	1		
1.21		Zitulele Hospital	Item	1		
1.22		Lutubeni Clinic	Item	1		
1.23		Sipetu Hospital	Item	1		
1.24		Sipetu Hospital	Item	1		
1.25		Nelson Mandela Academic Hospital	Item	1		
1.26		Nelson Mandela Academic Hospital	Item	1		
1.27		Nelson Mandela Academic Hospital	Item	1		
1.28		Nelson Mandela Academic Hospital	Item	1		
1.29		Nelson Mandela Academic Hospital	Item	1		
1.30		Ntapane Clinic	Item	1		
1.31		Libode Clinic	Item	1		
1.32		Makhotyana CHC	Item	1		
1.33		Nyandeni Clinic	Item	1		
1.34		Mangcwanguleni Clinic	Item	1		
1.35		Buntingville Clinic	Item	1		
1.36		Malusi Clinic	Item	1		
1.37		Mthatha EMS Station	Item	1		
1.38		Ncambele Clinic	Item	1		
1.39		Mpeko Clinic	Item	1		

1.40		Maxwele Clinic	Item	1		
1.41		Bityi	Item	1		
1.42		Ntshabeni clinic	Item	1		
1.43		Mthatha EMS Station	Item	1		
1.44		Ncambele Clinic	Item	1		
1.45		Bedford Hospital	Item	1		
1.46		Bedford Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 2B-2**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

King Sabato Dalindyebo

**SCHEDULE 2B-2: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5.(5)	<b>COMPILING OF PRICED SPARE PART LISTS</b> : Compile detailed, comprehensive priced spare parts lists for each site and asset type (based on Contractor's cost price). <b>NOTE:</b> The Employer retains the right to negotiate the offered spare part prices, if they are not in line with national price norms.				
2.1		Zwelichumile Clinic	Item	1		
2.2		Phakamile Clinic	Item	1		
2.3		Qunu Clinic	Item	1		
2.4		Mbekweni CHC	Item	1		
2.5		Mpuzana Clinic	Item	1		
2.6		Gengqe Clinic	Item	1		
2.7		Hlabatshane Clinic	Item	1		
2.8		Ngcengane Clinic	Item	1		
2.9		Mthatha Gateway Clinic	Item	1		
2.10		Mthatha Gateway Clinic	Item	1		
2.11		Mthatha General Hospital	Item	1		
2.12		Mthatha General Hospital	Item	1		
2.13		Mthatha General Hospital	Item	1		
2.14		Mthatha General Hospital	Item	1		
2.15		Mthatha General Hospital	Item	1		
2.16		Ngqungqu Clinic	Item	1		
2.17		Wilo Clinic	Item	1		
2.18		Kambi Clinic	Item	1		
2.19		Tshezi Clinic	Item	1		
2.20		Zidindi Clinic	Item	1		
2.21		Zitulele Hospital	Item	1		
2.22		Lutubeni Clinic	Item	1		
2.23		Sipetu Hospital	Item	1		
2.24		Sipetu Hospital	Item	1		
2.25		Nelson Mandela Academic Hospital	Item	1		
2.26		Nelson Mandela Academic Hospital	Item	1		
2.27		Nelson Mandela Academic Hospital	Item	1		
2.28		Nelson Mandela Academic Hospital	Item	1		
2.29		Nelson Mandela Academic Hospital	Item	1		
2.30		Ntapane Clinic	Item	1		
2.31		Libode Clinic	Item	1		
2.32		Makhotyana CHC	Item	1		
2.33		Nyandeni Clinic	Item	1		
2.34		Mangcwanguleni Clinic	Item	1		
2.35		Buntingville Clinic	Item	1		
2.36		Malusi Clinic	Item	1		
2.37		Mthatha EMS Station	Item	1		
2.38		Ncambele Clinic	Item	1		

2.39		Mpeko Clinic	Item	1		
2.40		Maxwele Clinic	Item	1		
2.41		Bityi	Item	1		
2.42		Ntshabeni clinic	Item	1		
2.43		Mthatha EMS Station	Item	1		
2.44		Ncambele Clinic	Item	1		
2.45		Bedford Hospital	Item	1		
2.46		Bedford Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 2B-3**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

King Sabato Dalindyebo

**SCHEDULE 2B-3: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.5	<b>COMPILING OF DETAILED REPAIR SCHEDULE :</b> Compile detailed, comprehensive repair schedule including defect description, recommended repair method, detailed quote including priced spare parts, outsourced work, and provisional work program, for each Health Facility and asset type.				
3.1		Zwelichumile Clinic	Item	1		
3.2		Phakamile Clinic	Item	1		
3.3		Qunu Clinic	Item	1		
3.4		Mbekweni CHC	Item	1		
3.5		Mpuzana Clinic	Item	1		
3.6		Gengqe Clinic	Item	1		
3.7		Hlabatshane Clinic	Item	1		
3.8		Ngcengane Clinic	Item	1		
3.9		Mthatha Gateway Clinic	Item	1		
3.10		Mthatha Gateway Clinic	Item	1		
3.11		Mthatha General Hospital	Item	1		
3.12		Mthatha General Hospital	Item	1		
3.13		Mthatha General Hospital	Item	1		
3.14		Mthatha General Hospital	Item	1		
3.15		Mthatha General Hospital	Item	1		
3.16		Ngqungqu Clinic	Item	1		
3.17		Wilo Clinic	Item	1		
3.18		Kambi Clinic	Item	1		
3.19		Tshezi Clinic	Item	1		
3.20		Zidindi Clinic	Item	1		
3.21		Zitulele Hospital	Item	1		
3.22		Lutubeni Clinic	Item	1		
3.23		Sipetu Hospital	Item	1		
3.24		Sipetu Hospital	Item	1		
3.25		Nelson Mandela Academic Hospital	Item	1		
3.26		Nelson Mandela Academic Hospital	Item	1		
3.27		Nelson Mandela Academic Hospital	Item	1		
3.28		Nelson Mandela Academic Hospital	Item	1		
3.29		Nelson Mandela Academic Hospital	Item	1		
3.30		Ntapane Clinic	Item	1		
3.31		Libode Clinic	Item	1		
3.32		Makhotyana CHC	Item	1		
3.33		Nyandeni Clinic	Item	1		
3.34		Mangcwanguleni Clinic	Item	1		
3.35		Buntingville Clinic	Item	1		
3.36		Malusi Clinic	Item	1		
3.37		Mthatha EMS Station	Item	1		
3.38		Ncambele Clinic	Item	1		

3.39		Mpeko Clinic	Item	1		
3.40		Maxwele Clinic	Item	1		
3.41		Bityi	Item	1		
3.42		Ntshabeni clinic	Item	1		
3.43		Mthatha EMS Station	Item	1		
3.44		Ncambele Clinic	Item	1		
3.45		Bedford Hospital	Item	1		
3.46		Bedford Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						



**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 2B-4**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**King Sabato Dalindyebo**

**SCHEDULE 2B-4: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>4</b>	<b>GM 2.6</b>	<b>COMPILE FUNCTIONAL CONDITION ASSESSMENT REPORT:</b> Compile Functional Condition Assessment Report for all asset types at all Health Facilities included in the Tender				
4.1		Zwelichumile Clinic	Item	1		
4.2		Phakamile Clinic	Item	1		
4.3		Qunu Clinic	Item	1		
4.4		Mbekweni CHC	Item	1		
4.5		Mpunzana Clinic	Item	1		
4.6		Gengqe Clinic	Item	1		
4.7		Hlabatshane Clinic	Item	1		
4.8		Ngcengane Clinic	Item	1		
4.9		Mthatha Gateway Clinic	Item	1		
4.10		Mthatha Gateway Clinic	Item	1		
4.11		Mthatha General Hospital	Item	1		
4.12		Mthatha General Hospital	Item	1		
4.13		Mthatha General Hospital	Item	1		
4.14		Mthatha General Hospital	Item	1		
4.15		Mthatha General Hospital	Item	1		
4.16		Ngqungqu Clinic	Item	1		
4.17		Wilo Clinic	Item	1		
4.18		Kambi Clinic	Item	1		
4.19		Tshezi Clinic	Item	1		
4.20		Zidindi Clinic	Item	1		
4.21		Zitulele Hospital	Item	1		
4.22		Lutubeni Clinic	Item	1		
4.23		Sipetu Hospital	Item	1		
4.24		Sipetu Hospital	Item	1		
4.25		Nelson Mandela Academic Hospital	Item	1		
4.26		Nelson Mandela Academic Hospital	Item	1		
4.27		Nelson Mandela Academic Hospital	Item	1		
4.28		Nelson Mandela Academic Hospital	Item	1		
4.29		Nelson Mandela Academic Hospital	Item	1		
4.30		Ntapane Clinic	Item	1		
4.31		Libode Clinic	Item	1		
4.32		Makhotyana CHC	Item	1		
4.33		Nyandeni Clinic	Item	1		
4.34		Mangcwanguleni Clinic	Item	1		
4.35		Buntingville Clinic	Item	1		
4.36		Malusi Clinic	Item	1		
4.37		Mthatha EMS Station	Item	1		
4.38		Ncambele Clinic	Item	1		
4.39		Mpeko Clinic	Item	1		
4.40		Maxwele Clinic	Item	1		

4.41		Bityi	Item	1		
4.42		Ntshabeni clinic	Item	1		
4.43		Mthatha EMS Station	Item	1		
4.44		Ncambele Clinic	Item	1		
4.45		Bedford Hospital	Item	1		
4.46		Bedford Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**KING SABATO DALINDYEBO**  
**BILL OF QUANTITIES 3B**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
 King Sabato Dalindyebo

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 3.2	<b>MAINTENANCE WORKS</b> : Standard servicing and planned Maintenance Costs including all parts, consumables and lubricants, labour, travelling, accommodation and subsistence allowances ( <b>Price per machine</b> )				
1.1		<b>Zwelichumile Clinic</b>				
1.1.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.1.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.1.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.2		<b>Phakamile Clinic</b>				
1.2.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.2.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.2.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.3		<b>Qunu Clinic</b>				
1.3.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.3.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.3.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.4		<b>Mbekweni CHC</b>				
1.4.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.4.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.4.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.5		<b>Mpuzana Clinic</b>				
1.5.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.5.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.5.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
**King Sabato Dalindyebo**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.6</b>		<b>Gengqe Clinic</b>				
1.6.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.6.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.6.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.7</b>		<b>Hlabatshane Clinic</b>				
1.7.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.7.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.7.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.8</b>		<b>Ngcengane Clinic</b>				
1.8.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.8.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.8.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.9</b>		<b>Mthatha Gateway Clinic: 46.3KVA</b>				
1.9.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.9.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.9.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.10</b>		<b>Mthatha Gateway Clinic: 46.3KVA</b>				
1.10.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.10.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.10.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
 King Sabato Dalindyebo

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.11</b>		<b>Mthatha General Hospital: 153KVA</b>				
1.11.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.11.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.11.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.12</b>		<b>Mthatha General Hospital: 163KVA</b>				
1.12.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.12.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.12.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.13</b>		<b>Mthatha General Hospital: 163KVA</b>				
1.13.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.13.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.13.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.14</b>		<b>Mthatha General Hospital: 163KVA</b>				
1.14.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.14.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.14.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.15</b>		<b>Mthatha General Hospital: 380KVA</b>				
1.15.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.15.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.15.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
 King Sabato Dalindyabo

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.16</b>		<b>Ngqungqu Clinic</b>				
1.16.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.16.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.16.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.17</b>		<b>Wilo Clinic</b>				
1.17.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.17.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.17.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.18</b>		<b>Kambi Clinic</b>				
1.18.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.18.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.18.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.19</b>		<b>Tshezi Clinic</b>				
1.19.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.19.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.19.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.20</b>		<b>Zidindi Clinic</b>				
1.20.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.20.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

King Sabato Dalindyebo

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.20.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.22</b>		<b>Zitulele Hospital</b>				
1.22.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.22.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.22.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.23</b>		<b>Lutubeni Clinic</b>				
1.23.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.23.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.23.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.24</b>		<b>Sipetu Hospital: 630KVA</b>				
1.24.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.24.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.24.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.25</b>		<b>Sipetu Hospital: 320KVA</b>				
1.25.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.25.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.25.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.26</b>		<b>Nelson Mandela Academic Hospital: 1625KVA</b>				
1.26.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.26.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.26.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
 King Sabato Dalindyebo

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.27		<b>Nelson Mandela Academic Hospital: 1625KVA</b>				
1.27.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.27.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.27.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
1.28		<b>Nelson Mandela Academic Hospital: 800KVA</b>				
1.28.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.28.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.28.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.29		<b>Nelson Mandela Academic Hospital: 930KVA</b>				
1.29.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.29.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.29.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.30		<b>Ntapane Clinic</b>				
1.30.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.30.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.30.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.31		<b>Libode Clinic</b>				
1.31.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.31.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.31.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.32		<b>Makhotyana CHC</b>				

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
 King Sabato Dalindyebo

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.32.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.32.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.32.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.33</b>		<b>Nyandeni Clinic</b>				
1.33.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.33.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.33.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.34</b>		<b>Mangchwanguleni Clinic</b>				
1.34.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.34.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.34.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.35</b>		<b>Buntingville Clinic</b>				
1.35.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.35.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.35.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.36</b>		<b>Malusi Clinic</b>				
1.36.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.36.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.36.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.37</b>		<b>Mthatha EMS Station</b>				
1.37.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.37.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
 King Sabato Dalindyebo

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.37.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.38</b>		<b>Ncambele Clinic</b>				
1.38.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.38.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.38.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.39</b>		<b>Mpeko Clinic</b>				
1.39.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.39.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.39.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.40</b>		<b>Maxwele Clinic</b>				
1.40.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.40.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.40.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.41</b>		<b>Bityi</b>				
1.41.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.41.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.41.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.42</b>		<b>Ntshabeni clinic</b>				
1.42.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.42.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.42.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.43</b>		<b>Mthatha EMS Station</b>				

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
 King Sabato Dalindyebo

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.43.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.43.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.43.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.44</b>		<b>Ncambele Clinic</b>				
1.44.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.44.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.44.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.45</b>		<b>Bedford Hospital</b>				
1.45.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.45.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.45.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.46</b>		<b>Bedford Hospital</b>				
1.46.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.46.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.46.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY  
BILL OF QUANTITIES 1B-1**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

CONTRACT REF. NO: SCMU3-23/24-0740-HO

Cluster/District: OR TAMBO DISTRICT

ASSET TYPE: STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 1B-1 : FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>VERIFICATION OF ASSETS ON SITE</b> : Verify assets on site vs Asset Register (C4.1), and compile plant layout line drawings as per GM 2.5 (1) and (2).				
1.1		Pilani Clinic	Item	1		
1.2		Double Falls Clinic	Item	1		
1.3		Canzibe Gateway Clinic	Item	1		
1.4		St Barnabas Hospital	Item	1		
1.5		Canzibe Hospital	Item	1		
1.6		Lujizweni Clinic	Item	1		
1.7		Mgwenyane Clinic	Item	1		
1.8		Mtakatye Clinic	Item	1		
1.9		Nkanunu Clinic	Item	1		
1.10		Nkumandeni Clinic	Item	1		
1.11		Nqanda A Clinic	Item	1		
1.12		Old Bunting Clinic	Item	1		
1.13		St Barnabas Hospital	Item	1		
1.14		Ntapane Clinic	Item	1		
1.15		Libode Clinic	Item	1		
1.16		Makhotyana CHC	Item	1		
1.17		Nyandeni Clinic	Item	1		
1.18		Mangcwanguleni Clinic	Item	1		
1.19		Buntingville Clinic	Item	1		
1.20		Malusi Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY  
BILL OF QUANTITIES 1B-2**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 1B-2: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5 & 3.2	VERIFICATION OF SPARE PART INVENTORY ON SITE : Find and verify all spares for the asset type that is currently available on site				
2.1		Pilani Clinic	Item	1		
2.2		Double Falls Clinic	Item	1		
2.3		Canzibe Gateway Clinic	Item	1		
2.4		St Barnabas Hospital	Item	1		
2.5		Canzibe Hospital	Item	1		
2.6		Lujizweni Clinic	Item	1		
2.7		Mgwenyane Clinic	Item	1		
2.8		Mtakatye Clinic	Item	1		
2.9		Nkanunu Clinic	Item	1		
2.10		Nkumandeni Clinic	Item	1		
2.11		Nqanda A Clinic	Item	1		
2.12		Old Bunting Clinic	Item	1		
2.13		St Barnabas Hospital	Item	1		
2.14		Ntapane Clinic	Item	1		
2.15		Libode Clinic	Item	1		
2.16		Makhotyana CHC	Item	1		
2.17		Nyandeni Clinic	Item	1		
2.18		Mangcwanguleni Clinic	Item	1		
2.19		Buntingville Clinic	Item	1		
2.20		Malusi Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY  
BILL OF QUANTITIES 1B-3**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 1B-3: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.7	<b>COMPILING OF CONDITIONAL AND PERFORMANCE INSPECTION REPORT:</b> Compile a inspection report on the current status and operation of the existing generating sets on site. The report shall be in line with the inspection report template included in this tender.				
3.1		Pilani Clinic	Item	1		
3.2		Double Falls Clinic	Item	1		
3.3		Canzibe Gateway Clinic	Item	1		
3.4		St Barnabas Hospital	Item	1		
3.5		Canzibe Hospital	Item	1		
3.6		Lujizweni Clinic	Item	1		
3.7		Mgwenyane Clinic	Item	1		
3.8		Mtakatye Clinic	Item	1		
3.9		Nkanunu Clinic	Item	1		
3.10		Nkumandeni Clinic	Item	1		
3.11		Nqanda A Clinic	Item	1		
3.12		Old Bunting Clinic	Item	1		
3.13		St Barnabas Hospital	Item	1		
3.14		Ntapane Clinic	Item	1		
3.15		Libode Clinic	Item	1		
3.16		Makhotyana CHC	Item	1		
3.17		Nyandeni Clinic	Item	1		
3.18		Mangcwanguleni Clinic	Item	1		
3.19		Buntingville Clinic	Item	1		
3.20		Malusi Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY  
BILL OF QUANTITIES 1B-4**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Nyandeni Local Municipality**

**SCHEDULE 1B-4: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	GM 2.7	<b>COMPILING OF OPERATING AND MAINTENANCE MANUALS :</b> Compile three sets of O&M Manuals per site per asset type and asset model as per information from the Asset Register C4.1				
4.1		Pilani Clinic	Item	1		
4.2		Double Falls Clinic	Item	1		
4.3		Canzibe Gateway Clinic	Item	1		
4.4		St Barnabas Hospital	Item	1		
4.5		Canzibe Hospital	Item	1		
4.6		Lujizweni Clinic	Item	1		
4.7		Mgwenyane Clinic	Item	1		
4.8		Mtakatye Clinic	Item	1		
4.9		Nkanunu Clinic	Item	1		
4.10		Nkumandeni Clinic	Item	1		
4.11		Nqanda A Clinic	Item	1		
4.12		Old Bunting Clinic	Item	1		
4.13		St Barnabas Hospital	Item	1		
4.14		Ntapane Clinic	Item	1		
4.15		Libode Clinic	Item	1		
4.16		Makhotyana CHC	Item	1		
4.17		Nyandeni Clinic	Item	1		
4.18		Mangcwanguleni Clinic	Item	1		
4.19		Buntingville Clinic	Item	1		
4.20		Malusi Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 1B-5**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5	SS 8 & 9	<b>OPERATOR AND MAINTAINER TRAINING</b> : Provide Operator and Maintainer training as per SS8 and SS9				
5.1		Pilani Clinic	Hr	40		
5.2		Double Falls Clinic	Hr	40		
5.3		Canzibe Gateway Clinic	Hr	40		
5.4		St Barnabas Hospital	Hr	40		
5.5		Canzibe Hospital	Hr	40		
5.6		Lujizweni Clinic	Hr	40		
5.7		Mgwenyane Clinic	Hr	40		
5.8		Mtakatye Clinic	Hr	40		
5.9		Nkanunu Clinic	Hr	40		
5.10		Nkumandeni Clinic	Hr	40		
5.11		Nqanda A Clinic	Hr	40		
5.12		Old Bunting Clinic	Hr	40		
5.13		St Barnabas Hospital	Hr	40		
5.14		Ntapane Clinic	Hr	40		
5.15		Libode Clinic	Hr	40		
5.16		Makhotyana CHC	Hr	40		
5.17		Nyandeni Clinic	Hr	40		
5.18		Mangcwanguleni Clinic	Hr	40		
5.19		Buntingville Clinic	Hr	40		
5.20		Malusi Clinic	Hr	40		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY  
BILL OF QUANTITIES 1B-6**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>6</b>	<b>GM 3</b>	<b>MAINTENANCE CONTROL PLAN</b> : Compiling of a detailed Maintenance Control Plan for each Health Facility included in this Tender (See SS 3 for facility listing)				
6.1		Pilani Clinic	Item	1		
6.2		Double Falls Clinic	Item	1		
6.3		Canzibe Gateway Clinic	Item	1		
6.4		St Barnabas Hospital	Item	1		
6.5		Canzibe Hospital	Item	1		
6.6		Lujizweni Clinic	Item	1		
6.7		Mgwenyane Clinic	Item	1		
6.8		Mtakatye Clinic	Item	1		
6.9		Nkanunu Clinic	Item	1		
6.10		Nkumandeni Clinic	Item	1		
6.11		Nqanda A Clinic	Item	1		
6.12		Old Bunting Clinic	Item	1		
6.13		St Barnabas Hospital	Item	1		
6.14		Ntapane Clinic	Item	1		
6.15		Libode Clinic	Item	1		
6.16		Makhotyana CHC	Item	1		
6.17		Nyandeni Clinic	Item	1		
6.18		Mangcwanguleni Clinic	Item	1		
6.19		Buntingville Clinic	Item	1		
6.20		Malusi Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY  
BILL OF QUANTITIES 2B-1**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 2B-1: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>FUNCTIONAL CONDITION ASSESSMENT</b> : Perform Functional Condition Assessment (Inspection and Testing) on all listed assets at all Health Facilities included in the Tender				
1.1		Pilani Clinic	Item	1		
1.2		Double Falls Clinic	Item	1		
1.3		Canzibe Gateway Clinic	Item	1		
1.4		St Barnabas Hospital	Item	1		
1.5		Canzibe Hospital	Item	1		
1.6		Lujizweni Clinic	Item	1		
1.7		Mgwenyane Clinic	Item	1		
1.8		Mtakatye Clinic	Item	1		
1.9		Nkanunu Clinic	Item	1		
1.10		Nkumandeni Clinic	Item	1		
1.11		Nqanda A Clinic	Item	1		
1.12		Old Bunting Clinic	Item	1		
1.13		St Barnabas Hospital	Item	1		
1.14		Ntapane Clinic	Item	1		
1.15		Libode Clinic	Item	1		
1.16		Makhotyana CHC	Item	1		
1.17		Nyandeni Clinic	Item	1		
1.18		Mangcwanguleni Clinic	Item	1		
1.19		Buntingville Clinic	Item	1		
1.20		Malusi Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 2B-2**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 2B-2: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5.(5)	<b>COMPILING OF PRICED SPARE PART LISTS</b> : Compile detailed, comprehensive priced spare parts lists for each site and asset type (based on Contractor's cost price). <b>NOTE:</b> The Employer retains the right to negotiate the offered spare part prices, if they are not in line with national price norms.				
2.1		Pilani Clinic	Item	1		
2.2		Double Falls Clinic	Item	1		
2.3		Canzibe Gateway Clinic	Item	1		
2.4		St Barnabas Hospital	Item	1		
2.5		Canzibe Hospital	Item	1		
2.6		Lujizweni Clinic	Item	1		
2.7		Mgwenyane Clinic	Item	1		
2.8		Mtakatye Clinic	Item	1		
2.9		Nkanunu Clinic	Item	1		
2.10		Nkumandeni Clinic	Item	1		
2.11		Nqanda A Clinic	Item	1		
2.12		Old Bunting Clinic	Item	1		
2.13		St Barnabas Hospital	Item	1		
2.14		Ntapane Clinic	Item	1		
2.15		Libode Clinic	Item	1		
2.16		Makhotyana CHC	Item	1		
2.17		Nyandeni Clinic	Item	1		
2.18		Mangcwanguleni Clinic	Item	1		
2.19		Buntingville Clinic	Item	1		
2.20		Malusi Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 2B-3**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 2B-3: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.5	<b>COMPILING OF DETAILED REPAIR SCHEDULE</b> : Compile detailed, comprehensive repair schedule including defect description, recommended repair method, detailed quote including priced spare parts, outsourced work, and provisional work program, for each Health Facility and asset type.				
3.1		Pilani Clinic	Item	1		
3.2		Double Falls Clinic	Item	1		
3.3		Canzibe Gateway Clinic	Item	1		
3.4		St Barnabas Hospital	Item	1		
3.5		Canzibe Hospital	Item	1		
3.6		Lujizweni Clinic	Item	1		
3.7		Mgwenyane Clinic	Item	1		
3.8		Mtakatye Clinic	Item	1		
3.9		Nkanunu Clinic	Item	1		
3.10		Nkumandeni Clinic	Item	1		
3.11		Nqanda A Clinic	Item	1		
3.12		Old Bunting Clinic	Item	1		
3.13		St Barnabas Hospital	Item	1		
3.14		Ntapane Clinic	Item	1		
3.15		Libode Clinic	Item	1		
3.16		Makhotyana CHC	Item	1		
3.17		Nyandeni Clinic	Item	1		
3.18		Mangcwanguleni Clinic	Item	1		
3.19		Buntingville Clinic	Item	1		
3.20		Malusi Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY  
BILL OF QUANTITIES 2B-4**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 2B-4: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>4</b>	<b>GM 2.6</b>	<b>COMPILE FUNCTIONAL CONDITION ASSESSMENT REPORT:</b> Compile Functional Condition Assessment Report for all asset types at all Health Facilities included in the Tender				
4.1		Pilani Clinic	Item	1		
4.2		Double Falls Clinic	Item	1		
4.3		Canzibe Gateway Clinic	Item	1		
4.4		St Barnabas Hospital	Item	1		
4.5		Canzibe Hospital	Item	1		
4.6		Lujizweni Clinic	Item	1		
4.7		Mgwenyane Clinic	Item	1		
4.8		Mtakatye Clinic	Item	1		
4.9		Nkanunu Clinic	Item	1		
4.10		Nkumandeni Clinic	Item	1		
4.11		Nqanda A Clinic	Item	1		
4.12		Old Bunting Clinic	Item	1		
4.13		St Barnabas Hospital	Item	1		
4.14		Ntapane Clinic	Item	1		
4.15		Libode Clinic	Item	1		
4.16		Makhotyana CHC	Item	1		
4.17		Nyandeni Clinic	Item	1		
4.18		Mangcwanguleni Clinic	Item	1		
4.19		Buntingville Clinic	Item	1		
4.20		Malusi Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NYANDENI LOCAL MUNICIPALITY  
BILL OF QUANTITIES 3B**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 3.2	<b>MAINTENANCE WORKS</b> : Standard servicing and planned Maintenance Costs including all parts, consumables and lubricants, labour, travelling, accommodation and subsistence allowances ( <b>Price per machine</b> )				
1.1		<b>Pilani Clinic</b>				
1.1.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.1.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.1.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.2		<b>Double Falls Clinic</b>				
1.2.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.2.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.2.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.3		<b>Canzibe Gateway Clinic</b>				
1.3.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.3.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.3.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.4		<b>St Barnabas Hospital</b>				
1.4.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.4.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.4.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.5		<b>Canzibe Hospital</b>				
1.5.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.5.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.5.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Nyandeni Local Municipality

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.6</b>		<b>Lujizweni Clinic</b>				
1.6.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.6.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.6.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.7</b>		<b>Mgwenyane Clinic</b>				
1.7.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.7.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.7.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.8</b>						
1.8.1						
1.8.2						
1.8.3						
<b>1.9</b>		<b>Mtakatye Clinic</b>				
1.9.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.9.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.9.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.10</b>		<b>Nkanunu Clinic</b>				
1.10.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.10.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.10.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
 Nyandeni Local Municipality

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.11</b>		<b>Nkumandeni Clinic</b>				
1.11.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.11.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.11.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.12</b>		<b>Nqanda A Clinic</b>				
1.12.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.12.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.12.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.13</b>		<b>Old Bunting Clinic</b>				
1.13.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.13.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.13.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.14</b>		<b>St Barnabas Hospital</b>				
1.14.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.14.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.14.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.15</b>		<b>Ntapane Clinic</b>				
1.15.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.15.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.15.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Nyandeni Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.16</b>		<b>Libode Clinic</b>				
1.16.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.16.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.16.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.17</b>		<b>Makhotyana CHC</b>				
1.17.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.17.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.17.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.18</b>		<b>Nyandeni Clinic</b>				
1.18.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.18.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.18.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.19</b>		<b>Mangcwanguleni Clinic</b>				
1.19.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.19.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.19.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.20</b>		<b>Buntingville Clinic</b>				
1.20.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.20.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
 Nyandeni Local Municipality

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.20.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.21</b>		<b>Malusi Clinic</b>				
1.21.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.21.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.21.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY  
BILL OF QUANTITIES 1B-1**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Mhlontlo Local Municipality**

**SCHEDULE 1B-1 : FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>VERIFICATION OF ASSETS ON SITE</b> : Verify assets on site vs Asset Register (C4.1), and compile plant layout line drawings as per GM 2.5 (1) and (2).				
1.1		Qanqu Clinic	Item	1		
1.2		Nessie Knight Hospital	Item	1		
1.3		Tsilitwa Clinic	Item	1		
1.4		Mahlungulu Clinic (Mhlontlo)	Item	1		
1.5		Mdyobe Clinic	Item	1		
1.6		Tina Falls Clinic	Item	1		
1.7		Qumbu CHC	Item	1		
1.8		Shawbury Clinic	Item	1		
1.9		Kalankomo Clinic	Item	1		
1.10		Nessie Knight Hospital	Item	1		
1.11		Mdeni Clinic	Item	1		
1.12		Gura Clinic	Item	1		
1.13		Mbalisweni Clinic	Item	1		
1.14		Nxotwe Clinic (Qumbu)	Item	1		
1.15		Caba Clinic	Item	1		
1.16		Lotana Clinic	Item	1		
1.17		Mbokotwana Clinic	Item	1		
1.18		Qolombane Clinic (Qumbu)	Item	1		
1.19		Mhlahlane Clinic	Item	1		
1.20		Lower Gungululu Clinic	Item	1		
1.21		Mhlakulo CHC	Item	1		
1.22		St Lucy's Gateway Clinic	Item	1		
1.23		St Lucy's Hospital	Item	1		
1.24		Dr Malizo Mpehle Memorial Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY  
BILL OF QUANTITIES 1B-2**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Mhlontlo Local Municipality**

**SCHEDULE 1B-2: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5 & 3.2	<b>VERIFICATION OF SPARE PART INVENTORY ON SITE</b> : Find and verify all spares for the asset type that is currently available on site				
2.1		Qanqu Clinic	Item	1		
2.2		Nessie Knight Hospital	Item	1		
2.3		Tsilitwa Clinic	Item	1		
2.4		Mahlungulu Clinic (Mhlontlo)	Item	1		
2.5		Mdyobe Clinic	Item	1		
2.6		Tina Falls Clinic	Item	1		
2.7		Qumbu CHC	Item	1		
2.8		Shawbury Clinic	Item	1		
2.9		Kalankomo Clinic	Item	1		
2.10		Nessie Knight Hospital	Item	1		
2.11		Mdeni Clinic	Item	1		
2.12		Gura Clinic	Item	1		
2.13		Mbalisweni Clinic	Item	1		
2.14		Nxotwe Clinic (Qumbu)	Item	1		
2.15		Caba Clinic	Item	1		
2.16		Lotana Clinic	Item	1		
2.17		Mbokotwana Clinic	Item	1		
2.18		Qolombane Clinic (Qumbu)	Item	1		
2.19		Mhlahlane Clinic	Item	1		
2.20		Lower Gungululu Clinic	Item	1		
2.21		Mhlakulo CHC	Item	1		
2.22		St Lucy's Gateway Clinic	Item	1		
2.23		St Lucy's Hospital	Item	1		
2.24		Dr Malizo Mpehle Memorial Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 1B-3**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Mhlontlo Local Municipality**

**SCHEDULE 1B-3: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.7	<b>COMPILING OF CONDITIONAL AND PERFORMANCE INSPECTION REPORT:</b> Compile a inspection report on the current status and operation of the existing generating sets on site. The report shall be in line with the inspection report template included in this tender.				
3.1		Qanqu Clinic	Item	1		
3.2		Nessie Knight Hospital	Item	1		
3.3		Tsilitwa Clinic	Item	1		
3.4		Mahlungulu Clinic (Mhlontlo)	Item	1		
3.5		Mdyobe Clinic	Item	1		
3.6		Tina Falls Clinic	Item	1		
3.7		Qumbu CHC	Item	1		
3.8		Shawbury Clinic	Item	1		
3.9		Kalankomo Clinic	Item	1		
3.10		Nessie Knight Hospital	Item	1		
3.11		Mdeni Clinic	Item	1		
3.12		Gura Clinic	Item	1		
3.13		Mbalisweni Clinic	Item	1		
3.14		Nxotwe Clinic (Qumbu)	Item	1		
3.15		Caba Clinic	Item	1		
3.16		Lotana Clinic	Item	1		
3.17		Mbokotwana Clinic	Item	1		
3.18		Qolombane Clinic (Qumbu)	Item	1		
3.19		Mhlahlane Clinic	Item	1		
3.20		Lower Gungululu Clinic	Item	1		
3.21		Mhlakulo CHC	Item	1		
3.22		St Lucy's Gateway Clinic	Item	1		
3.23		St Lucy's Hospital	Item	1		
3.24		Dr Malizo Mpehle Memorial Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 1B-4**

CONTRACT REF. NO: SCMU3-23/24-0740-HO  
 ASSET TYPE: STANDBY GENERATORS

Cluster/District: OR TAMBO DISTRICT  
 Mhlontlo Local Municipality

SCHEDULE 1B-4: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	GM 2.7	<b>COMPILING OF OPERATING AND MAINTENANCE MANUALS :</b> Compile three sets of O&M Manuals per site per asset type and asset model as per information from the Asset Register C4.1				
4.1		Qanqu Clinic	Item	1		
4.2		Nessie Knight Hospital	Item	1		
4.3		Tsilitwa Clinic	Item	1		
4.4		Mahlungulu Clinic (Mhlontlo)	Item	1		
4.5		Mdyobe Clinic	Item	1		
4.6		Tina Falls Clinic	Item	1		
4.7		Qumbu CHC	Item	1		
4.8		Shawbury Clinic	Item	1		
4.9		Kalankomo Clinic	Item	1		
4.10		Nessie Knight Hospital	Item	1		
4.11		Mdeni Clinic	Item	1		
4.12		Gura Clinic	Item	1		
4.13		Mbalisweni Clinic	Item	1		
4.14		Nxotwe Clinic (Qumbu)	Item	1		
4.15		Caba Clinic	Item	1		
4.16		Lotana Clinic	Item	1		
4.17		Mbokotwana Clinic	Item	1		
4.18		Qolombane Clinic (Qumbu)	Item	1		
4.19		Mhlahlane Clinic	Item	1		
4.20		Lower Gungululu Clinic	Item	1		
4.21		Mhlakulo CHC	Item	1		
4.22		St Lucy's Gateway Clinic	Item	1		
4.23		St Lucy's Hospital	Item	1		
4.24		Dr Malizo Mpehle Memorial Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 1B-5**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Mhlontlo Local Municipality**

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5	SS 8 & 9	<b>OPERATOR AND MAINTAINER TRAINING</b> : Provide Operator and Maintainer training as per SS8 and SS9				
5.1		Qanqu Clinic	hr	40		
5.2		Nessie Knight Hospital	hr	40		
5.3		Tsilitwa Clinic	hr	40		
5.4		Mahlungulu Clinic (Mhlontlo)	hr	40		
5.5		Mdyobe Clinic	hr	40		
5.6		Tina Falls Clinic	hr	40		
5.7		Qumbu CHC	hr	40		
5.8		Shawbury Clinic	hr	40		
5.9		Kalankomo Clinic	hr	40		
5.10		Nessie Knight Hospital	hr	40		
5.11		Mdeni Clinic	hr	40		
5.12		Gura Clinic	hr	40		
5.13		Mbalisweni Clinic	hr	40		
5.14		Nxotwe Clinic (Qumbu)	hr	40		
5.15		Caba Clinic	hr	40		
5.16		Lotana Clinic	hr	40		
5.17		Mbokotwana Clinic	hr	40		
5.18		Qolombane Clinic (Qumbu)	hr	40		
5.19		Mhlahlane Clinic	hr	40		
5.20		Lower Gungululu Clinic	hr	40		
5.21		Mhlakulo CHC	hr	40		
5.22		St Lucy's Gateway Clinic	hr	40		
5.23		St Lucy's Hospital	hr	40		
5.24		Dr Malizo Mpehle Memorial Hospital	hr	40		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 1B-6**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Mhlontlo Local Municipality**

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>6</b>	<b>GM 3</b>	<b>MAINTENANCE CONTROL PLAN</b> : Compiling of a detailed Maintenance Control Plan for each Health Facility included in this Tender (See SS 3 for facility listing)				
6.1		Qanqu Clinic	Item	1		
6.2		Nessie Knight Hospital	Item	1		
6.3		Tsilitwa Clinic	Item	1		
6.4		Mahlungulu Clinic (Mhlontlo)	Item	1		
6.5		Mdyobe Clinic	Item	1		
6.6		Tina Falls Clinic	Item	1		
6.7		Qumbu CHC	Item	1		
6.8		Shawbury Clinic	Item	1		
6.9		Kalankomo Clinic	Item	1		
6.10		Nessie Knight Hospital	Item	1		
6.11		Mdeni Clinic	Item	1		
6.12		Gura Clinic	Item	1		
6.13		Mbalisweni Clinic	Item	1		
6.14		Nxotwe Clinic (Qumbu)	Item	1		
6.15		Caba Clinic	Item	1		
6.16		Lotana Clinic	Item	1		
6.17		Mbokotwana Clinic	Item	1		
6.18		Qolombane Clinic (Qumbu)	Item	1		
6.19		Mhlahlane Clinic	Item	1		
6.20		Lower Gungululu Clinic	Item	1		
6.21		Mhlakulo CHC	Item	1		
6.22		St Lucy's Gateway Clinic	Item	1		
6.23		St Lucy's Hospital	Item	1		
6.24		Dr Malizo Mpehle Memorial Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY  
BILL OF QUANTITIES 2B-1**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Mhlontlo Local Municipality**

**SCHEDULE 2B-1: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>FUNCTIONAL CONDITION ASSESSMENT</b> : Perform Functional Condition Assessment (Inspection and Testing) on all listed assets at all Health Facilities included in the Tender				
1.1		Qanqu Clinic	Item	1		
1.2		Nessie Knight Hospital	Item	1		
1.3		Tsilitwa Clinic	Item	1		
1.4		Mahlungulu Clinic (Mhlontlo)	Item	1		
1.5		Mdyobe Clinic	Item	1		
1.6		Tina Falls Clinic	Item	1		
1.7		Qumbu CHC	Item	1		
1.8		Shawbury Clinic	Item	1		
1.9		Kalankomo Clinic	Item	1		
1.10		Nessie Knight Hospital	Item	1		
1.11		Mdeni Clinic	Item	1		
1.12		Gura Clinic	Item	1		
1.13		Mbalisweni Clinic	Item	1		
1.14		Nxotwe Clinic (Qumbu)	Item	1		
1.15		Caba Clinic	Item	1		
1.16		Lotana Clinic	Item	1		
1.17		Mbokotwana Clinic	Item	1		
1.18		Qolombane Clinic (Qumbu)	Item	1		
1.19		Mhlahlane Clinic	Item	1		
1.20		Lower Gungululu Clinic	Item	1		
1.21		Mhlakulo CHC	Item	1		
1.22		St Lucy's Gateway Clinic	Item	1		
1.23		St Lucy's Hospital	Item	1		
1.24		Dr Malizo Mpehle Memorial Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 2B-2**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Mhlontlo Local Municipality**

**SCHEDULE 2B-2: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5.(5)	<b>COMPILING OF PRICED SPARE PART LISTS</b> : Compile detailed, comprehensive priced spare parts lists for each site and asset type (based on Contractor's cost price). <b>NOTE:</b> The Employer retains the right to negotiate the offered spare part prices, if they are not in line with national price norms.				
2.1		Qanqu Clinic	Item	1		
2.2		Nessie Knight Hospital	Item	1		
2.3		Tsilitwa Clinic	Item	1		
2.4		Mahlungulu Clinic (Mhlontlo)	Item	1		
2.5		Mdyobe Clinic	Item	1		
2.6		Tina Falls Clinic	Item	1		
2.7		Qumbu CHC	Item	1		
2.8		Shawbury Clinic	Item	1		
2.9		Kalankomo Clinic	Item	1		
2.10		Nessie Knight Hospital	Item	1		
2.11		Mdeni Clinic	Item	1		
2.12		Gura Clinic	Item	1		
2.13		Mbalisweni Clinic	Item	1		
2.14		Nxotwe Clinic (Qumbu)	Item	1		
2.15		Caba Clinic	Item	1		
2.16		Lotana Clinic	Item	1		
2.17		Mbokotwana Clinic	Item	1		
2.18		Qolombane Clinic (Qumbu)	Item	1		
2.19		Mhlahlane Clinic	Item	1		
2.20		Lower Gungululu Clinic	Item	1		
2.21		Mhlakulo CHC	Item	1		
2.22		St Lucy's Gateway Clinic	Item	1		
2.23		St Lucy's Hospital	Item	1		
2.24		Dr Malizo Mpehle Memorial Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 2B-3**



CONTRACT REF. NO: SCMU3-23/24-0740-HO  
 ASSET TYPE: STANDBY GENERATORS

Cluster/District: OR TAMBO DISTRICT  
 Mhlontlo Local Municipality

SCHEDULE 2B-3: FUNCTIONAL REPAIR SCHEDULE (continued)

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.5	<b>COMPILING OF DETAILED REPAIR SCHEDULE</b> : Compile detailed, comprehensive repair schedule including defect description, recommended repair method, detailed quote including priced spare parts, outsourced work, and provisional work program, for each Health Facility and asset type.				
3.1		Qanqu Clinic	Item	1		
3.2		Nessie Knight Hospital	Item	1		
3.3		Tsilitwa Clinic	Item	1		
3.4		Mahlungulu Clinic (Mhlontlo)	Item	1		
3.5		Mdyobe Clinic	Item	1		
3.6		Tina Falls Clinic	Item	1		
3.7		Qumbu CHC	Item	1		
3.8		Shawbury Clinic	Item	1		
3.9		Kalankomo Clinic	Item	1		
3.10		Nessie Knight Hospital	Item	1		
3.11		Mdeni Clinic	Item	1		
3.12		Gura Clinic	Item	1		
3.13		Mbalisweni Clinic	Item	1		
3.14		Nxotwe Clinic (Qumbu)	Item	1		
3.15		Caba Clinic	Item	1		
3.16		Lotana Clinic	Item	1		
3.17		Mbokotwana Clinic	Item	1		
3.18		Qolombane Clinic (Qumbu)	Item	1		
3.19		Mhlahlane Clinic	Item	1		
3.20		Lower Gungululu Clinic	Item	1		
3.21		Mhlakulo CHC	Item	1		
3.22		St Lucy's Gateway Clinic	Item	1		
3.23		St Lucy's Hospital	Item	1		
3.24		Dr Malizo Mpehle Memorial Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 2B-4**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Mhlontlo Local Municipality**

**SCHEDULE 2B-4: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>4</b>	<b>GM 2.6</b>	<b>COMPILE FUNCTIONAL CONDITION ASSESSMENT REPORT:</b> Compile Functional Condition Assessment Report for all asset types at all Health Facilities included in the Tender				
4.1		Qanqu Clinic	Item	1		
4.2		Nessie Knight Hospital	Item	1		
4.3		Tsilitwa Clinic	Item	1		
4.4		Mahlungulu Clinic (Mhlontlo)	Item	1		
4.5		Mdyobe Clinic	Item	1		
4.6		Tina Falls Clinic	Item	1		
4.7		Qumbu CHC	Item	1		
4.8		Shawbury Clinic	Item	1		
4.9		Kalankomo Clinic	Item	1		
4.10		Nessie Knight Hospital	Item	1		
4.11		Mdeni Clinic	Item	1		
4.12		Gura Clinic	Item	1		
4.13		Mbalisweni Clinic	Item	1		
4.14		Nxotwe Clinic (Qumbu)	Item	1		
4.15		Caba Clinic	Item	1		
4.16		Lotana Clinic	Item	1		
4.17		Mbokotwana Clinic	Item	1		
4.18		Qolombane Clinic (Qumbu)	Item	1		
4.19		Mhlahlane Clinic	Item	1		
4.20		Lower Gungululu Clinic	Item	1		
4.21		Mhlakulo CHC	Item	1		
4.22		St Lucy's Gateway Clinic	Item	1		
4.23		St Lucy's Hospital	Item	1		
4.24		Dr Malizo Mpehle Memorial Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**MHLONTLO LOCAL MUNICIPALITY  
BILL OF QUANTITIES 3B**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
**Mhlontlo Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 3.2	<b>MAINTENANCE WORKS</b> : Standard servicing and planned Maintenance Costs including all parts, consumables and lubricants, labour, travelling, accommodation and subsistence allowances ( <b>Price per machine</b> )				
1.1		<b>Qanqu Clinic</b>				
1.1.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.1.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.1.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.2		<b>Nessie Knight Hospital</b>				
1.2.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.2.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.2.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.3		<b>Tsilitwa Clinic</b>				
1.3.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.3.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.3.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.4		<b>Mahlungulu Clinic (Mhlontlo)</b>				
1.4.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.4.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.4.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.5		<b>Mdyobe Clinic</b>				
1.5.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.5.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.5.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
**Mhlontlo Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.6</b>		<b>Tina Falls Clinic</b>				
1.6.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.6.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.6.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.7</b>		<b>Qumbu CHC</b>				
1.7.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.7.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.7.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.8</b>		<b>Shawbury Clinic</b>				
1.8.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.8.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.8.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.9</b>		<b>Kalankomo Clinic</b>				
1.9.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.9.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.9.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.10</b>		<b>Nessie Knight Hospital</b>				
1.10.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.10.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.10.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
**Mhlontlo Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.11</b>		<b>Mdeni Clinic</b>				
1.11.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.11.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.11.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.12</b>		<b>Gura Clinic</b>				
1.12.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.12.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.12.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.13</b>		<b>Mbalisweni Clinic</b>				
1.13.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.13.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.13.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.14</b>		<b>Nxotwe Clinic (Qumbu)</b>				
1.14.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.14.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.14.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.15</b>		<b>Caba Clinic</b>				
1.15.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.15.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.15.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
**Mhlontlo Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.16</b>		<b>Lotana Clinic</b>				
1.16.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.16.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.16.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.17</b>		<b>Mbokotwana Clinic</b>				
1.17.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.17.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.17.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.18</b>		<b>Qolombane Clinic (Qumbu)</b>				
1.18.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.18.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.18.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.19</b>		<b>Mhlahlane Clinic</b>				
1.19.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.19.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.19.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.20</b>		<b>Mhlakulo CHC</b>				
1.20.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.20.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
**Mhlontlo Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.20.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.21</b>		<b>St Lucy's Gateway Clinic</b>				
1.21.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.21.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.21.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.21</b>		<b>St Lucy's Hospital</b>				
1.21.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.21.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.21.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.22</b>		<b>Dr Malizo Mpehle Memorial Hospital</b>				
1.22.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.22.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	4		
1.22.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 1B-1**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Port St Johns Local Municipality

**SCHEDULE 1B-1 : FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>VERIFICATION OF ASSETS ON SITE</b> : Verify assets on site vs Asset Register (C4.1), and compile plant layout line drawings as per GM 2.5 (1) and (2).				
1.1		Mantusini Clinic	Item	1		
1.2		Ludalasi Clinic	Item	1		
1.3		Tombo CHC	Item	1		
1.4		Majola Clinic	Item	1		
1.5		Phahlakazi Clinic	Item	1		
1.6		Isilimela Hospital	Item	1		
1.7		Caguba Clinic	Item	1		
1.8		Ntafufu Clinic	Item	1		
1.9		Gqubeni Clinic	Item	1		
1.10		Mtambalala Clinic	Item	1		
1.11		Mevana Clinic	Item	1		
1.12		Kohlo Clinic	Item	1		
1.13		Tombo CHC	Item	1		
1.14		Port St Johns CHC	Item	1		
1.15		Buchele Clinic	Item	1		
1.16		Mzintlava Clinic	Item	1		
1.17		Bomvini Clinic	Item	1		
1.18		Ngcoya Clinic	Item	1		
1.19		Bambisana Hospital	Item	1		
1.20		Bambisana Hospital	Item	1		
1.21		Lutshaya Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 1B-2**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Port St Johns Local Municipality

**SCHEDULE 1B-2: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5 & 3.2	<b>VERIFICATION OF SPARE PART INVENTORY ON SITE</b> : Find and verify all spares for the asset type that is currently available on site				
2.1		Mantusini Clinic	Item	1		
2.2		Ludalasi Clinic	Item	1		
2.3		Tombo CHC	Item	1		
2.4		Majola Clinic	Item	1		
2.5		Phahlakazi Clinic	Item	1		
2.6		Isilimela Hospital	Item	1		
2.7		Caguba Clinic	Item	1		
2.8		Ntafufu Clinic	Item	1		
2.9		Gqubeni Clinic	Item	1		
2.10		Mtambalala Clinic	Item	1		
2.11		Mevana Clinic	Item	1		
2.12		Kohlo Clinic	Item	1		
2.13		Tombo CHC	Item	1		
2.14		Port St Johns CHC	Item	1		
2.15		Buchele Clinic	Item	1		
2.16		Mzintlava Clinic	Item	1		
2.17		Bomvini Clinic	Item	1		
2.18		Ngcoya Clinic	Item	1		
2.19		Bambisana Hospital	Item	1		
2.20		Bambisana Hospital	Item	1		
2.21		Lutshaya Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 1B-3**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Port St Johns Local Municipality

**SCHEDULE 1B-3: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.7	<b>COMPILING OF CONDITIONAL AND PERFORMANCE INSPECTION REPORT:</b> Compile a inspection report on the current status and operation of the existing generating sets on site. The report shall be in line with the inspection report template included in this tender.				
3.1		Mantusini Clinic	Item	1		
3.2		Ludalasi Clinic	Item	1		
3.3		Tombo CHC	Item	1		
3.4		Majola Clinic	Item	1		
3.5		Phahlakazi Clinic	Item	1		
3.6		Isilimela Hospital	Item	1		
3.7		Caguba Clinic	Item	1		
3.8		Ntafufu Clinic	Item	1		
3.9		Gqubeni Clinic	Item	1		
3.10		Mtambalala Clinic	Item	1		
3.11		Mevana Clinic	Item	1		
3.12		Kohlo Clinic	Item	1		
3.13		Tombo CHC	Item	1		
3.14		Port St Johns CHC	Item	1		
3.15		Buchele Clinic	Item	1		
3.16		Mzintlava Clinic	Item	1		
3.17		Bomvini Clinic	Item	1		
3.18		Ngcoya Clinic	Item	1		
3.19		Bambisana Hospital	Item	1		
3.20		Bambisana Hospital	Item	1		
3.21		Lutshaya Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 1B-4**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Port St Johns Local Municipality

**SCHEDULE 1B-4: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	GM 2.7	<b>COMPILING OF OPERATING AND MAINTENANCE MANUALS :</b> Compile three sets of O&M Manuals per site per asset type and asset model as per information from the Asset Register C4.1				
4.1		Mantusini Clinic	Item	1		
4.2		Ludalasi Clinic	Item	1		
4.3		Tombo CHC	Item	1		
4.4		Majola Clinic	Item	1		
4.5		Phahlakazi Clinic	Item	1		
4.6		Isilimela Hospital	Item	1		
4.7		Caguba Clinic	Item	1		
4.8		Ntafufu Clinic	Item	1		
4.9		Gqubeni Clinic	Item	1		
4.10		Mtambalala Clinic	Item	1		
4.11		Mevana Clinic	Item	1		
4.12		Kohlo Clinic	Item	1		
4.13		Tombo CHC	Item	1		
4.14		Port St Johns CHC	Item	1		
4.15		Buchele Clinic	Item	1		
4.16		Mzintlava Clinic	Item	1		
4.17		Bomvini Clinic	Item	1		
4.18		Ngcoya Clinic	Item	1		
4.19		Bambisana Hospital	Item	1		
4.20		Bambisana Hospital	Item	1		
4.21		Lutshaya Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 1B-5**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Port St Johns Local Municipality

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5	SS 8 & 9	<b>OPERATOR AND MAINTAINER TRAINING</b> : Provide Operator and Maintainer training as per SS8 and SS9				
5.1		Mantusini Clinic	Hr	40		
5.2		Ludalasi Clinic	Hr	40		
5.3		Tombo CHC	Hr	40		
5.4		Majola Clinic	Hr	40		
5.5		Phahlakazi Clinic	Hr	40		
5.6		Isilimela Hospital	Hr	40		
5.7		Caguba Clinic	Hr	40		
5.8		Ntafufu Clinic	Hr	40		
5.9		Gqubeni Clinic	Hr	40		
5.10		Mtambalala Clinic	Hr	40		
5.11		Mevana Clinic	Hr	40		
5.12		Kohlo Clinic	Hr	40		
5.13		Tombo CHC	Hr	40		
5.14		Port St Johns CHC	Hr	40		
5.15		Buchele Clinic	Hr	40		
5.16		Mzintlava Clinic	Hr	40		
5.17		Bomvini Clinic	Hr	40		
5.18		Ngcoya Clinic	Hr	40		
5.19		Bambisana Hospital	Hr	40		
5.20		Bambisana Hospital	Hr	40		
5.21		Lutshaya Clinic	Hr	40		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 1B-6**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Port St Johns Local Municipality

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>6</b>	<b>GM 3</b>	<b>MAINTENANCE CONTROL PLAN</b> : Compiling of a detailed Maintenance Control Plan for each Health Facility included in this Tender (See SS 3 for facility listing)				
6.1		Mantusini Clinic	Item	1		
6.2		Ludalasi Clinic	Item	1		
6.3		Tombo CHC	Item	1		
6.4		Majola Clinic	Item	1		
6.5		Phahlakazi Clinic	Item	1		
6.6		Isilimela Hospital	Item	1		
6.7		Caguba Clinic	Item	1		
6.8		Ntafufu Clinic	Item	1		
6.9		Gqubeni Clinic	Item	1		
6.10		Mtambalala Clinic	Item	1		
6.11		Mevana Clinic	Item	1		
6.12		Kohlo Clinic	Item	1		
6.13		Tombo CHC	Item	1		
6.14		Port St Johns CHC	Item	1		
6.15		Buchele Clinic	Item	1		
6.16		Mzintlava Clinic	Item	1		
6.17		Bomvini Clinic	Item	1		
6.18		Ngcoya Clinic	Item	1		
6.19		Bambisana Hospital	Item	1		
6.20		Bambisana Hospital	Item	1		
6.21		Lutshaya Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 2B-1**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Port St Johns Local Municipality**

**SCHEDULE 2B-1: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>FUNCTIONAL CONDITION ASSESSMENT</b> : Perform Functional Condition Assessment (Inspection and Testing) on all listed assets at all Health Facilities included in the Tender				
1.1		Mantusini Clinic	Item	1		
1.2		Ludalasi Clinic	Item	1		
1.3		Tombo CHC	Item	1		
1.4		Majola Clinic	Item	1		
1.5		Phahlakazi Clinic	Item	1		
1.6		Isilimela Hospital	Item	1		
1.7		Caguba Clinic	Item	1		
1.8		Ntafufu Clinic	Item	1		
1.9		Gqubeni Clinic	Item	1		
1.10		Mtambalala Clinic	Item	1		
1.11		Mevana Clinic	Item	1		
1.12		Kohlo Clinic	Item	1		
1.13		Tombo CHC	Item	1		
1.14		Port St Johns CHC	Item	1		
1.15		Buchele Clinic	Item	1		
1.16		Mzintlava Clinic	Item	1		
1.17		Bomvini Clinic	Item	1		
1.18		Ngcoya Clinic	Item	1		
1.19		Bambisana Hospital	Item	1		
1.20		Bambisana Hospital	Item	1		
1.21		Lutshaya Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 2B-2**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Port St Johns Local Municipality**

**SCHEDULE 2B-2: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5.(5)	<b>COMPILING OF PRICED SPARE PART LISTS</b> : Compile detailed, comprehensive priced spare parts lists for each site and asset type (based on Contractor's cost price). <b>NOTE:</b> The Employer retains the right to negotiate the offered spare part prices, if they are not in line with national price norms.				
2.1		Mantusini Clinic	Item	1		
2.2		Ludalasi Clinic	Item	1		
2.3		Tombo CHC	Item	1		
2.4		Majola Clinic	Item	1		
2.5		Phahlakazi Clinic	Item	1		
2.6		Isilimela Hospital	Item	1		
2.7		Caguba Clinic	Item	1		
2.8		Ntafufu Clinic	Item	1		
2.9		Gqubeni Clinic	Item	1		
2.10		Mtambalala Clinic	Item	1		
2.11		Mevana Clinic	Item	1		
2.12		Kohlo Clinic	Item	1		
2.13		Tombo CHC	Item	1		
2.14		Port St Johns CHC	Item	1		
2.15		Buchele Clinic	Item	1		
2.16		Mzintlava Clinic	Item	1		
2.17		Bomvini Clinic	Item	1		
2.18		Ngcoya Clinic	Item	1		
2.19		Bambisana Hospital	Item	1		
2.20		Bambisana Hospital	Item	1		
2.21		Lutshaya Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 2B-3**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Port St Johns Local Municipality**

**SCHEDULE 2B-3: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.5	<b>COMPILING OF DETAILED REPAIR SCHEDULE</b> : Compile detailed, comprehensive repair schedule including defect description, recommended repair method, detailed quote including priced spare parts, outsourced work, and provisional work program, for each Health Facility and asset type.				
3.1		Mantusini Clinic	Item	1		
3.2		Ludalasi Clinic	Item	1		
3.3		Tombo CHC	Item	1		
3.4		Majola Clinic	Item	1		
3.5		Phahlakazi Clinic	Item	1		
3.6		Isilimela Hospital	Item	1		
3.7		Caguba Clinic	Item	1		
3.8		Ntafufu Clinic	Item	1		
3.9		Gqubeni Clinic	Item	1		
3.10		Mtambalala Clinic	Item	1		
3.11		Mevana Clinic	Item	1		
3.12		Kohlo Clinic	Item	1		
3.13		Tombo CHC	Item	1		
3.14		Port St Johns CHC	Item	1		
3.15		Buchele Clinic	Item	1		
3.16		Mzintlava Clinic	Item	1		
3.17		Bomvini Clinic	Item	1		
3.18		Ngcoya Clinic	Item	1		
3.19		Bambisana Hospital	Item	1		
3.20		Bambisana Hospital	Item	1		
3.21		Lutshaya Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 2B-4**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Port St Johns Local Municipality**

**SCHEDULE 2B-4: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>4</b>	<b>GM 2.6</b>	<b>COMPILE FUNCTIONAL CONDITION ASSESSMENT REPORT:</b> Compile Functional Condition Assessment Report for all asset types at all Health Facilities included in the Tender				
4.1		Mantusini Clinic	Item	1		
4.2		Ludalasi Clinic	Item	1		
4.3		Tombo CHC	Item	1		
4.4		Majola Clinic	Item	1		
4.5		Phahlakazi Clinic	Item	1		
4.6		Isilimela Hospital	Item	1		
4.7		Caguba Clinic	Item	1		
4.8		Ntafufu Clinic	Item	1		
4.9		Gqubeni Clinic	Item	1		
4.10		Mtambalala Clinic	Item	1		
4.11		Mevana Clinic	Item	1		
4.12		Kohlo Clinic	Item	1		
4.13		Tombo CHC	Item	1		
4.14		Port St Johns CHC	Item	1		
4.15		Buchele Clinic	Item	1		
4.16		Mzintlava Clinic	Item	1		
4.17		Bomvini Clinic	Item	1		
4.18		Ngcoya Clinic	Item	1		
4.19		Bambisana Hospital	Item	1		
4.20		Bambisana Hospital	Item	1		
4.21		Lutshaya Clinic	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**PORT ST JOHNS LOCAL  
MUNICIPALITY  
BILL OF QUANTITIES 3B**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
**Port St Johns Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 3.2	<b>MAINTENANCE WORKS</b> : Standard servicing and planned Maintenance Costs including all parts, consumables and lubricants, labour, travelling, accommodation and subsistence allowances ( <b>Price per machine</b> )				
1.1		<b>Mantusini Clinic</b>				
1.1.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.1.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.1.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.2		<b>Ludalasi Clinic</b>				
1.2.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.2.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.2.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.3		<b>Tombo CHC</b>				
1.3.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.3.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.3.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.4		<b>Majola Clinic</b>				
1.4.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.4.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.4.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.5		<b>Phahlakazi Clinic</b>				
1.5.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.5.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.5.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Port St Johns Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.6</b>		<b>Isilimela Hospital</b>				
1.6.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.6.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.6.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.7</b>		<b>Caguba Clinic</b>				
1.7.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.7.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.7.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.8</b>		<b>Ntafufu Clinic</b>				
1.8.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.8.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.8.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.9</b>		<b>Gqubeni Clinic</b>				
1.9.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.9.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.9.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.10</b>		<b>Mtambalala Clinic</b>				
1.10.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.10.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.10.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO  
**ASSET TYPE:** STANDBY GENERATORS

**Cluster/District:** OR TAMBO DISTRICT  
**Port St Johns Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.11</b>		<b>Mevana Clinic</b>				
1.11.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.11.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.11.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.12</b>		<b>Kohlo Clinic</b>				
1.12.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.12.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.12.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.13</b>		<b>Tombo CHC</b>				
1.13.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.13.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.13.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.14</b>		<b>Port St Johns CHC</b>				
1.14.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.14.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.14.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.15</b>		<b>Buchele Clinic</b>				
1.15.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.15.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.15.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Port St Johns Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.16</b>		<b>Mzintlava Clinic</b>				
1.16.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.16.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.16.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.17</b>		<b>Bomvini Clinic</b>				
1.17.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.17.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.17.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.18</b>		<b>Ngcoya Clinic</b>				
1.18.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.18.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.18.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.19</b>		<b>Bambisana Hospital: 500KVA</b>				
1.19.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.19.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.19.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.20</b>		<b>Bambisana Hospital: 270KVA</b>				
1.20.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.20.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Port St Johns Local Municipality**

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.20.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.21		<b>Lutshaya Clinic</b>				
1.21.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.21.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.21.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 1B-1**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Ingquza Hill Local Municipality

**SCHEDULE 1B-1 : FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>VERIFICATION OF ASSETS ON SITE</b> : Verify assets on site vs Asset Register (C4.1), and compile plant layout line drawings as per GM 2.5 (1) and (2).				
1.1		Mantlaneni Clinic	Item	1		
1.2		Palmerton Clinic	Item	1		
1.3		Xurana Clinic	Item	1		
1.4		Nkozo Clinic	Item	1		
1.5		Xopozo Clinic	Item	1		
1.6		Bala Clinic	Item	1		
1.7		Mbotyi Clinic	Item	1		
1.8		Magwa Clinic	Item	1		
1.9		Mpoza Clinic (Lusikisiki)	Item	1		
1.10		Bodweni Clinic	Item	1		
1.11		Flagstaff CHC	Item	1		
1.12		Goso Forest Clinic	Item	1		
1.13		Lusikisiki Clinic	Item	1		
1.14		Holy Cross Hospital	Item	1		
1.15		Holy Cross Hospital	Item	1		
1.16		Holy Cross Hospital	Item	1		
1.17		Holy Cross Hospital	Item	1		
1.18		Holy Cross Gateway Clinic	Item	1		
1.19		KTC Clinic	Item	1		
1.20		St Elizabeth's Gateway Clinic	Item	1		
1.21		St Elizabeth's Hospital	Item	1		
1.22		St Elizabeth's Hospital	Item	1		
1.23		Lusikisiki EMS Station	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 1B-2**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Ingquza Hill Local Municipality

**SCHEDULE 1B-2: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5 & 3.2	<b>VERIFICATION OF SPARE PART INVENTORY ON SITE</b> : Find and verify all spares for the asset type that is currently available on site				
2.1		Mantlaneni Clinic	Item	1		
2.2		Palmerton Clinic	Item	1		
2.3		Xurana Clinic	Item	1		
2.4		Nkozo Clinic	Item	1		
2.5		Xopozo Clinic	Item	1		
2.6		Bala Clinic	Item	1		
2.7		Mbotyi Clinic	Item	1		
2.8		Magwa Clinic	Item	1		
2.9		Mpoza Clinic (Lusikisiki)	Item	1		
2.10		Bodweni Clinic	Item	1		
2.11		Flagstaff CHC	Item	1		
2.12		Goso Forest Clinic	Item	1		
2.13		Lusikisiki Clinic	Item	1		
2.14		Holy Cross Hospital	Item	1		
2.15		Holy Cross Hospital	Item	1		
2.16		Holy Cross Hospital	Item	1		
2.17		Holy Cross Hospital	Item	1		
2.18		Holy Cross Gateway Clinic	Item	1		
2.19		KTC Clinic	Item	1		
2.20		St Elizabeth's Gateway Clinic	Item	1		
2.21		St Elizabeth's Hospital	Item	1		
2.22		St Elizabeth's Hospital	Item	1		
2.23		Lusikisiki EMS Station	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 1B-3**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Ingquza Hill Local Municipality

**SCHEDULE 1B-3: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.7	<b>COMPILING OF CONDITIONAL AND PERFORMANCE INSPECTION REPORT:</b> Compile a inspection report on the current status and operation of the existing generating sets on site. The report shall be in line with the inspection report template included in this tender.				
3.1		Mantlaneni Clinic	Item	1		
3.2		Palmerton Clinic	Item	1		
3.3		Xurana Clinic	Item	1		
3.4		Nkozo Clinic	Item	1		
3.5		Xopozo Clinic	Item	1		
3.6		Bala Clinic	Item	1		
3.7		Mbotyi Clinic	Item	1		
3.8		Magwa Clinic	Item	1		
3.9		Mpoza Clinic (Lusikisiki)	Item	1		
3.10		Bodweni Clinic	Item	1		
3.11		Flagstaff CHC	Item	1		
3.12		Goso Forest Clinic	Item	1		
3.13		Lusikisiki Clinic	Item	1		
3.14		Holy Cross Hospital	Item	1		
3.15		Holy Cross Hospital	Item	1		
3.16		Holy Cross Hospital	Item	1		
3.17		Holy Cross Hospital	Item	1		
3.18		Holy Cross Gateway Clinic	Item	1		
3.19		KTC Clinic	Item	1		
3.20		St Elizabeth's Gateway Clinic	Item	1		
3.21		St Elizabeth's Hospital	Item	1		
3.22		St Elizabeth's Hospital	Item	1		
3.23		Lusikisiki EMS Station	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY  
BILL OF QUANTITIES 1B-4**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Ingquza Hill Local Municipality

**SCHEDULE 1B-4: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	GM 2.7	<b>COMPILING OF OPERATING AND MAINTENANCE MANUALS :</b> Compile three sets of O&M Manuals per site per asset type and asset model as per information from the Asset Register C4.1				
4.1		Mantlani Clinic	Item	1		
4.2		Palmerton Clinic	Item	1		
4.3		Xurana Clinic	Item	1		
4.4		Nkoko Clinic	Item	1		
4.5		Xopozi Clinic	Item	1		
4.6		Bala Clinic	Item	1		
4.7		Mbotyi Clinic	Item	1		
4.8		Magwa Clinic	Item	1		
4.9		Mpoza Clinic (Lusikisiki)	Item	1		
4.10		Bodweni Clinic	Item	1		
4.11		Flagstaff CHC	Item	1		
4.12		Goso Forest Clinic	Item	1		
4.13		Lusikisiki Clinic	Item	1		
4.14		Holy Cross Hospital	Item	1		
4.15		Holy Cross Hospital	Item	1		
4.16		Holy Cross Hospital	Item	1		
4.17		Holy Cross Hospital	Item	1		
4.18		Holy Cross Gateway Clinic	Item	1		
4.19		KTC Clinic	Item	1		
4.20		St Elizabeth's Gateway Clinic	Item	1		
4.21		St Elizabeth's Hospital	Item	1		
4.22		St Elizabeth's Hospital	Item	1		
4.23		Lusikisiki EMS Station	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 1B-5**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Ingquza Hill Local Municipality

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>5</b>	<b>SS 8 &amp; 9</b>	<b>OPERATOR AND MAINTAINER TRAINING</b> : Provide Operator and Maintainer training as per SS8 and SS9				
5.1		Mantlaneni Clinic	hr	40		
5.2		Palmerton Clinic	hr	40		
5.3		Xurana Clinic	hr	40		
5.4		Nkozo Clinic	hr	40		
5.5		Xopozo Clinic	hr	40		
5.6		Bala Clinic	hr	40		
5.7		Mbotyi Clinic	hr	40		
5.8		Magwa Clinic	hr	40		
5.9		Mpoza Clinic (Lusikisiki)	hr	40		
5.10		Bodweni Clinic	hr	40		
5.11		Flagstaff CHC	hr	40		
5.12		Goso Forest Clinic	hr	40		
5.13		Lusikisiki Clinic	hr	40		
5.14		Holy Cross Hospital	hr	40		
5.15		Holy Cross Hospital	hr	40		
5.16		Holy Cross Hospital	hr	40		
5.17		Holy Cross Hospital	hr	40		
5.18		Holy Cross Gateway Clinic	hr	40		
5.19		KTC Clinic	hr	40		
5.20		St Elizabeth's Gateway Clinic	hr	40		
5.21		St Elizabeth's Hospital	hr	40		
5.22		St Elizabeth's Hospital	hr	40		
5.23		Lusikisiki EMS Station	hr	40		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 1B-6**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Ingquza Hill Local Municipality

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6	GM 3	<b>MAINTENANCE CONTROL PLAN</b> : Compiling of a detailed Maintenance Control Plan for each Health Facility included in this Tender (See SS 3 for facility listing)				
6.1		Mantlani Clinic	Item	1		
6.2		Palmerton Clinic	Item	1		
6.3		Xurana Clinic	Item	1		
6.4		Nkoso Clinic	Item	1		
6.5		Xopozo Clinic	Item	1		
6.6		Bala Clinic	Item	1		
6.7		Mbotyi Clinic	Item	1		
6.8		Magwa Clinic	Item	1		
6.9		Mpoza Clinic (Lusikisiki)	Item	1		
6.10		Bodweni Clinic	Item	1		
6.11		Flagstaff CHC	Item	1		
6.12		Goso Forest Clinic	Item	1		
6.13		Lusikisiki Clinic	Item	1		
6.14		Holy Cross Hospital	Item	1		
6.15		Holy Cross Hospital	Item	1		
6.16		Holy Cross Hospital	Item	1		
6.17		Holy Cross Hospital	Item	1		
6.18		Holy Cross Gateway Clinic	Item	1		
6.19		KTC Clinic	Item	1		
6.20		St Elizabeth's Gateway Clinic	Item	1		
6.21		St Elizabeth's Hospital	Item	1		
6.22		St Elizabeth's Hospital	Item	1		
6.23		Lusikisiki EMS Station	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 2B-1**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Ingquza Hill Local Municipality

**SCHEDULE 2B-1: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	<b>GM 2.5</b>	<b>FUNCTIONAL CONDITION ASSESSMENT</b> : Perform Functional Condition Assessment (Inspection and Testing) on all listed assets at all Health Facilities included in the Tender				
1.1		Mantlaneni Clinic	Item	1		
1.2		Palmerton Clinic	Item	1		
1.3		Xurana Clinic	Item	1		
1.4		Nkoso Clinic	Item	1		
1.5		Xopoza Clinic	Item	1		
1.6		Bala Clinic	Item	1		
1.7		Mbotyi Clinic	Item	1		
1.8		Magwa Clinic	Item	1		
1.9		Mpoza Clinic (Lusikisiki)	Item	1		
1.10		Bodweni Clinic	Item	1		
1.11		Flagstaff CHC	Item	1		
1.12		Goso Forest Clinic	Item	1		
1.13		Lusikisiki Clinic	Item	1		
1.14		Holy Cross Hospital	Item	1		
1.15		Holy Cross Hospital	Item	1		
1.16		Holy Cross Hospital	Item	1		
1.17		Holy Cross Hospital	Item	1		
1.18		Holy Cross Gateway Clinic	Item	1		
1.19		KTC Clinic	Item	1		
1.20		St Elizabeth's Gateway Clinic	Item	1		
1.21		St Elizabeth's Hospital	Item	1		
1.22		St Elizabeth's Hospital	Item	1		
1.23		Lusikisiki EMS Station	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY  
BILL OF QUANTITIES 2B-2**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Ingguzza Hill Local Municipality

**SCHEDULE 2B-2: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5.(5)	<b>COMPILING OF PRICED SPARE PART LISTS</b> : Compile detailed, comprehensive priced spare parts lists for each site and asset type (based on Contractor's cost price). <b>NOTE:</b> The Employer retains the right to negotiate the offered spare part prices, if they are not in line with national price norms.				
2.1		Mantlaneni Clinic	Item	1		
2.2		Palmerton Clinic	Item	1		
2.3		Xurana Clinic	Item	1		
2.4		Nkozo Clinic	Item	1		
2.5		Xopozo Clinic	Item	1		
2.6		Bala Clinic	Item	1		
2.7		Mbotyi Clinic	Item	1		
2.8		Magwa Clinic	Item	1		
2.9		Mpoza Clinic (Lusikisiki)	Item	1		
2.10		Bodweni Clinic	Item	1		
2.11		Flagstaff CHC	Item	1		
2.12		Goso Forest Clinic	Item	1		
2.13		Lusikisiki Clinic	Item	1		
2.14		Holy Cross Hospital	Item	1		
2.15		Holy Cross Hospital	Item	1		
2.16		Holy Cross Hospital	Item	1		
2.17		Holy Cross Hospital	Item	1		
2.18		Holy Cross Gateway Clinic	Item	1		
2.19		KTC Clinic	Item	1		
2.20		St Elizabeth's Gateway Clinic	Item	1		
2.21		St Elizabeth's Hospital	Item	1		
2.22		St Elizabeth's Hospital	Item	1		
2.23		Lusikisiki EMS Station	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 2B-3**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Ingquza Hill Local Municipality

**SCHEDULE 2B-3: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.5	<b>COMPILING OF DETAILED REPAIR SCHEDULE</b> : Compile detailed, comprehensive repair schedule including defect description, recommended repair method, detailed quote including priced spare parts, outsourced work, and provisional work program, for each Health Facility and asset type.				
3.1		Mantlaneni Clinic	Item	1		
3.2		Palmerton Clinic	Item	1		
3.3		Xurana Clinic	Item	1		
3.4		Nkozo Clinic	Item	1		
3.5		Xopozo Clinic	Item	1		
3.6		Bala Clinic	Item	1		
3.7		Mbotyi Clinic	Item	1		
3.8		Magwa Clinic	Item	1		
3.9		Mpoza Clinic (Lusikisiki)	Item	1		
3.10		Bodweni Clinic	Item	1		
3.11		Flagstaff CHC	Item	1		
3.12		Goso Forest Clinic	Item	1		
3.13		Lusikisiki Clinic	Item	1		
3.14		Holy Cross Hospital	Item	1		
3.15		Holy Cross Hospital	Item	1		
3.16		Holy Cross Hospital	Item	1		
3.17		Holy Cross Hospital	Item	1		
3.18		Holy Cross Gateway Clinic	Item	1		
3.19		KTC Clinic	Item	1		
3.20		St Elizabeth's Gateway Clinic	Item	1		
3.21		St Elizabeth's Hospital	Item	1		
3.22		St Elizabeth's Hospital	Item	1		
3.23		Lusikisiki EMS Station	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY**  
**BILL OF QUANTITIES 2B-4**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**Ingquza Hill Local Municipality**

**SCHEDULE 2B-4: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>4</b>	<b>GM 2.6</b>	<b>COMPILE FUNCTIONAL CONDITION ASSESSMENT REPORT:</b> Compile Functional Condition Assessment Report for all asset types at all Health Facilities included in the Tender				
4.1		Mantlaneni Clinic	Item	1		
4.2		Palmerton Clinic	Item	1		
4.3		Xurana Clinic	Item	1		
4.4		Nkozo Clinic	Item	1		
4.5		Xopozo Clinic	Item	1		
4.6		Bala Clinic	Item	1		
4.7		Mbotyi Clinic	Item	1		
4.8		Magwa Clinic	Item	1		
4.9		Mpoza Clinic (Lusikisiki)	Item	1		
4.10		Bodweni Clinic	Item	1		
4.11		Flagstaff CHC	Item	1		
4.12		Goso Forest Clinic	Item	1		
4.13		Lusikisiki Clinic	Item	1		
4.14		Holy Cross Hospital	Item	1		
4.15		Holy Cross Hospital	Item	1		
4.16		Holy Cross Hospital	Item	1		
4.17		Holy Cross Hospital	Item	1		
4.18		Holy Cross Gateway Clinic	Item	1		
4.19		KTC Clinic	Item	1		
4.20		St Elizabeth's Gateway Clinic	Item	1		
4.21		St Elizabeth's Hospital	Item	1		
4.22		St Elizabeth's Hospital	Item	1		
4.23		Lusikisiki EMS Station	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**NGQUZA HILL LOCAL MUNICIPALITY  
BILL OF QUANTITIES 3B**



**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

Ingquza Hill Local Municipality

**SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 3.2	<b>MAINTENANCE WORKS</b> : Standard servicing and planned Maintenance Costs including all parts, consumables and lubricants, labour, travelling, accommodation and subsistence allowances <b>(Price per machine)</b>				
1.1		<b>Mantlaneni Clinic</b>				
1.1.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.1.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.1.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.2		<b>Palmerton Clinic</b>				
1.2.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.2.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.2.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.3		<b>Xurana Clinic</b>				
1.3.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.3.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.3.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.4		<b>Nkozo Clinic</b>				
1.4.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.4.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.4.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.5		<b>Xopozo Clinic</b>				
1.5.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.5.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.5.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
1.6		<b>Bala Clinic</b>				
1.6.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.6.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.6.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.7		<b>Mbotyi Clinic</b>				
1.7.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.7.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.7.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.8		<b>Magwa Clinic</b>				
1.8.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.8.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.8.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.9		<b>Mpoza Clinic (Lusikisiki)</b>				
1.9.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.9.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.9.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.10		<b>Bodweni Clinic</b>				
1.10.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.10.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.10.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
1.11		<b>Flagstaff CHC</b>				

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.11.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.11.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.11.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.12</b>		<b>Goso Forest Clinic</b>				
1.12.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.12.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.12.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.13</b>		<b>Lusikisiki Clinic</b>				
1.13.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.13.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.13.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.14</b>		<b>Holy Cross Hospital: 300KVA</b>				
1.14.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.14.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.14.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.15</b>		<b>Holy Cross Hospital: 50KVA</b>				
1.15.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.15.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.15.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.16</b>		<b>Holy Cross Hospital: 57KVA</b>				
1.16.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.16.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.16.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.17		<b>Holy Cross Hospital: 50KVA</b>				
1.17.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.17.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.17.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.18		<b>Holy Cross Gateway Clinic: 50KVA</b>				
1.18.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.18.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.18.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.19		<b>KTC Clinic</b>				
1.19.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.19.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.19.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.20		<b>St Elizabeth's Gateway Clinic</b>				
1.20.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.20.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
1.20.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.21		<b>St Elizabeth's Hospital: 1100KVA</b>				
1.21.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.21.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.21.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.22		<b>St Elizabeth's Hospital: 1100KVA</b>				
1.22.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.22.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.22.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.23</b>		<b>Lusikisiki EMS Station</b>				
1.23.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.23.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.23.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

# **ALFRED NZO DISTRICT**

# **BILL OF QUANTITIES 1B-1**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** ALFRED NZO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**SCHEDULE 1B-1 : FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>VERIFICATION OF ASSETS ON SITE</b> : Verify assets on site vs Asset Register (C4.1), and compile plant layout line drawings as per GM 2.5 (1) and (2).				
1.1		Mount Ayliff Hospital	Item	1		
1.2		Mount Ayliff Hospital	Item	1		
1.3		Mount Ayliff Hospital	Item	1		
1.4		Madzikane ka Zulu Hospital	Item	1		
1.5		Madzikane ka Zulu Hospital	Item	1		
1.6		Mount Ayliff EMS Station	Item	1		
1.7		St Patrick's Hospital	Item	1		
1.8		St Patrick's Hospital	Item	1		
1.9		Greenville Hospital	Item	1		
1.10		Kanyayo Clinic	Item	1		
1.11		Khotsong TB Hospital	Item	1		
1.12		Mvenyane Clinic	Item	1		
1.13		Tayler Bequest Hospital	Item	1		
1.14		Maluti CHC	Item	1		
1.15		Sipetu Hospital	Item	1		
1.16		Sipetu Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						



# **BILL OF QUANTITIES 1B-2**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** ALFRED NZO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**SCHEDULE 1B-2: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5 & 3.2	<b>VERIFICATION OF SPARE PART INVENTORY ON SITE</b> : Find and verify all spares for the asset type that is currently available on site				
2.1		Mount Ayliff Hospital	Item	1		
2.2		Mount Ayliff Hospital	Item	1		
2.3		Mount Ayliff Hospital	Item	1		
2.4		Madzikane ka Zulu Hospital	Item	1		
2.5		Madzikane ka Zulu Hospital	Item	1		
2.6		Mount Ayliff EMS Station	Item	1		
2.7		St Patrick's Hospital	Item	1		
2.8		St Patrick's Hospital	Item	1		
2.9		Greenville Hospital	Item	1		
2.10		Kanyayo Clinic	Item	1		
2.11		Khotsong TB Hospital	Item	1		
2.12		Mvenyane Clinic	Item	1		
2.13		Tayler Bequest Hospital	Item	1		
2.14		Maluti CHC	Item	1		
2.15		Sipetu Hospital	Item	1		
2.16		Sipetu Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

# **BILL OF QUANTITIES 1B-3**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** ALFRED NZO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**SCHEDULE 1B-3: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.7	<b>COMPILING OF CONDITIONAL AND PERFORMANCE INSPECTION REPORT:</b> Compile a inspection report on the current status and operation of the existing generating sets on site. The report shall be in line with the inspection report template included in this tender.				
3.1			Item	1		
3.2		Mount Ayliff Hospital	Item	1		
3.3		Mount Ayliff Hospital	Item	1		
3.4		Madzikane ka Zulu Hospital	Item	1		
3.5		Madzikane ka Zulu Hospital	Item	1		
3.6		Mount Ayliff EMS Station	Item	1		
3.7		St Patrick's Hospital	Item	1		
3.8		St Patrick's Hospital	Item	1		
3.9		Greenville Hospital	Item	1		
3.10		Kanyayo Clinic	Item	1		
3.11		Khotsong TB Hospital	Item	1		
3.12		Mvenyane Clinic	Item	1		
3.13		Tayler Bequest Hospital	Item	1		
3.14		Maluti CHC	Item	1		
3.15		Sipetu Hospital	Item	1		
3.16		Sipetu Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

# **BILL OF QUANTITIES 1B-4**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** ALFRED NZO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**SCHEDULE 1B-4: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	GM 2.7	<b>COMPILING OF OPERATING AND MAINTENANCE MANUALS :</b> Compile three sets of O&M Manuals per site per asset type and asset model as per information from the Asset Register C4.1				
4.1		Mount Ayliff Hospital	Item	1		
4.2		Mount Ayliff Hospital	Item	1		
4.3		Mount Ayliff Hospital	Item	1		
4.4		Madzikane ka Zulu Hospital	Item	1		
4.5		Madzikane ka Zulu Hospital	Item	1		
4.6		Mount Ayliff EMS Station	Item	1		
4.7		St Patrick's Hospital	Item	1		
4.8		St Patrick's Hospital	Item	1		
4.9		Greenville Hospital	Item	1		
4.10		Kanyayo Clinic	Item	1		
4.11		Khotsong TB Hospital	Item	1		
4.12		Mvenyane Clinic	Item	1		
4.13		Tayler Bequest Hospital	Item	1		
4.14		Maluti CHC	Item	1		
4.15		Sipetu Hospital	Item	1		
4.16		Sipetu Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

# **BILL OF QUANTITIES 1B-5**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** ALFRED NZO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5	SS 8 & 9	<b>OPERATOR AND MAINTAINER TRAINING</b> : Provide Operator and Maintainer training as per SS8 and SS9				
5.1		Mount Ayliff Hospital	Hrs	40		
5.2		Mount Ayliff Hospital	Hrs	40		
5.3		Mount Ayliff Hospital	Hrs	40		
5.4		Madzikane ka Zulu Hospital	Hrs	40		
5.5		Madzikane ka Zulu Hospital	Hrs	40		
5.6		Mount Ayliff EMS Station	Hrs	40		
5.7		St Patrick's Hospital	Hrs	40		
5.8		St Patrick's Hospital	Hrs	40		
5.9		Greenville Hospital	Hrs	40		
5.10		Kanyayo Clinic	Hrs	40		
5.11		Khotsong TB Hospital	Hrs	40		
5.12		Mvenyane Clinic	Hrs	40		
5.13		Taylor Bequest Hospital	Hrs	40		
5.14		Maluti CHC	Hrs	40		
5.15		Sipetu Hospital	Hrs	40		
5.16		Sipetu Hospital	Hrs	40		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						



# **BILL OF QUANTITIES 1B-6**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** ALFRED NZO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**SCHEDULE 1B-5: FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>6</b>	<b>GM 3</b>	<b>MAINTENANCE CONTROL PLAN</b> : Compiling of a detailed Maintenance Control Plan for each Health Facility included in this Tender (See SS 3 for facility listing)				
6.1		Mount Ayliff Hospital	Item	1		
6.2		Mount Ayliff Hospital	Item	1		
6.3		Mount Ayliff Hospital	Item	1		
6.4		Madzikane ka Zulu Hospital	Item	1		
6.5		Madzikane ka Zulu Hospital	Item	1		
6.6		Mount Ayliff EMS Station	Item	1		
6.7		St Patrick's Hospital	Item	1		
6.8		St Patrick's Hospital	Item	1		
6.9		Greenville Hospital	Item	1		
6.10		Kanyayo Clinic	Item	1		
6.11		Khotsong TB Hospital	Item	1		
6.12		Mvenyane Clinic	Item	1		
6.13		Taylor Bequest Hospital	Item	1		
6.14		Maluti CHC	Item	1		
6.15		Sipetu Hospital	Item	1		
6.16		Sipetu Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

# **BILL OF QUANTITIES 2B-1**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO: SCMU3-23/24-0740-HO**

**Cluster/District: ALFRED NZO DISTRICT**

**ASSET TYPE: STANDBY GENERATORS**

**SCHEDULE 2B-1: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 2.5	<b>FUNCTIONAL CONDITION ASSESSMENT</b> : Perform Functional Condition Assessment (Inspection and Testing) on all listed assets at all Health Facilities included in the Tender				
1.1		Mount Ayliff Hospital	Item	1		
1.2		Mount Ayliff Hospital	Item	1		
1.3		Mount Ayliff Hospital	Item	1		
1.4		Madzikane ka Zulu Hospital	Item	1		
1.5		Madzikane ka Zulu Hospital	Item	1		
1.6		Mount Ayliff EMS Station	Item	1		
1.7		St Patrick's Hospital	Item	1		
1.8		St Patrick's Hospital	Item	1		
1.9		Greenville Hospital	Item	1		
1.10		Kanyayo Clinic	Item	1		
1.11		Khotsong TB Hospital	Item	1		
1.12		Mvenyane Clinic	Item	1		
1.13		Taylor Bequest Hospital	Item	1		
1.14		Maluti CHC	Item	1		
1.15		Sipetu Hospital	Item	1		
1.16		Sipetu Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

# **BILL OF QUANTITIES 2B-2**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** ALFRED NZO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**SCHEDULE 2B-2: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	GM 2.5.(5)	<b>COMPILING OF PRICED SPARE PART LISTS</b> : Compile detailed, comprehensive priced spare parts lists for each site and asset type (based on Contractor's cost price). <b>NOTE:</b> The Employer retains the right to negotiate the offered spare part prices, if they are not in line with national price norms.				
2.1		Mount Ayliff Hospital	Item	1		
2.2		Mount Ayliff Hospital	Item	1		
2.3		Mount Ayliff Hospital	Item	1		
2.4		Madzikane ka Zulu Hospital	Item	1		
2.5		Madzikane ka Zulu Hospital	Item	1		
2.6		Mount Ayliff EMS Station	Item	1		
2.7		St Patrick's Hospital	Item	1		
2.8		St Patrick's Hospital	Item	1		
2.9		Greenville Hospital	Item	1		
2.10		Kanyayo Clinic	Item	1		
2.11		Khotsong TB Hospital	Item	1		
2.12		Mvenyane Clinic	Item	1		
2.13		Tayler Bequest Hospital	Item	1		
2.14		Maluti CHC	Item	1		
2.15		Sipetu Hospital	Item	1		
2.16		Sipetu Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

# **BILL OF QUANTITIES 2B-3**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO: SCMU3-23/24-0740-HO**

**Cluster/District: ALFRED NZO DISTRICT**

**ASSET TYPE: STANDBY GENERATORS**

**SCHEDULE 2B-3: FUNCTIONAL REPAIR SCHEDULE (continued)**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	GM 2.5	<b>COMPILING OF DETAILED REPAIR SCHEDULE</b> : Compile detailed, comprehensive repair schedule including defect description, recommended repair method, detailed quote including priced spare parts, outsourced work, and provisional work program, for each Health Facility and asset type.				
3.1		Mount Ayliff Hospital	Item	1		
3.2		Mount Ayliff Hospital	Item	1		
3.3		Mount Ayliff Hospital	Item	1		
3.4		Madzikane ka Zulu Hospital	Item	1		
3.5		Madzikane ka Zulu Hospital	Item	1		
3.6		Mount Ayliff EMS Station	Item	1		
3.7		St Patrick's Hospital	Item	1		
3.8		St Patrick's Hospital	Item	1		
3.9		Greenville Hospital	Item	1		
3.10		Kanyayo Clinic	Item	1		
3.11		Khotsong TB Hospital	Item	1		
3.12		Mvenyane Clinic	Item	1		
3.13		Tayler Bequest Hospital	Item	1		
3.14		Maluti CHC	Item	1		
3.15		Sipetu Hospital	Item	1		
3.16		Sipetu Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						



# **BILL OF QUANTITIES 2B-4**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** ALFRED NZO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**SCHEDULE 2B-4: FUNCTIONAL REPAIR SCHEDULE**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>4</b>	<b>GM 2.6</b>	<b>COMPILE FUNCTIONAL CONDITION ASSESSMENT REPORT:</b> Compile Functional Condition Assessment Report for all asset types at all Health Facilities included in the Tender				
4.1		Mount Ayliff Hospital	Item	1		
4.2		Mount Ayliff Hospital	Item	1		
4.3		Mount Ayliff Hospital	Item	1		
4.4		Madzikane ka Zulu Hospital	Item	1		
4.5		Madzikane ka Zulu Hospital	Item	1		
4.6		Mount Ayliff EMS Station	Item	1		
4.7		St Patrick's Hospital	Item	1		
4.8		St Patrick's Hospital	Item	1		
4.9		Greenville Hospital	Item	1		
4.10		Kanyayo Clinic	Item	1		
4.11		Khotsong TB Hospital	Item	1		
4.12		Mvenyane Clinic	Item	1		
4.13		Tayler Bequest Hospital	Item	1		
4.14		Maluti CHC	Item	1		
4.15		Sipetu Hospital	Item	1		
4.16		Sipetu Hospital	Item	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

# **BILL OF QUANTITIES 3B**

SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-23/24-0740-HO

Cluster/District: ALFRED NZO DISTRICT

ASSET TYPE: STANDBY GENERATORS

SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	GM 3.2	<b>MAINTENANCE WORKS</b> : Standard servicing and planned Maintenance Costs including all parts, consumables and lubricants, labour, travelling, accommodation and subsistence allowances ( <b>Price per machine</b> )				
1.1		<b>Mount Ayliff Hospital: 160KVA</b>				
1.1.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.1.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.1.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.2		<b>Mount Ayliff Hospital: 123KVA</b>				
1.2.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.2.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.2.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.3		<b>Mount Ayliff Hospital: 185KVA</b>				
1.3.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.3.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.3.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.4		<b>Madzikane ka Zulu Hospital:160KVA</b>				
1.4.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.4.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.4.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.5		<b>Madzikane ka Zulu Hospital:300KVA</b>				
1.5.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.5.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.5.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
1.6		<b>Mount Ayliff EMS Station</b>				
1.6.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.6.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		

SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-23/24-0740-HO

Cluster/District: ALFRED NZO DISTRICT

ASSET TYPE: STANDBY GENERATORS

SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.6.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.7		<b>St Patrick's Hospital : 500KVA</b>				
1.7.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.7.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.7.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.8		<b>St Patrick's Hospital : 500KVA</b>				
1.8.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.8.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.8.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.9		<b>Greenville Hospital</b>				
1.9.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.9.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.9.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.10		<b>Kanyayo Clinic</b>				
1.10.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.10.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.10.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
1.11		<b>Khotsong TB Hospital</b>				
1.11.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.11.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.11.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.12		<b>Mvenyane Clinic</b>				
1.12.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.12.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.12.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
1.13		<b>Tayler Bequest Hospital</b>				

SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-23/24-0740-HO

Cluster/District: ALFRED NZO DISTRICT

ASSET TYPE: STANDBY GENERATORS

SCHEDULE 3B : MAINTENANCE SERVICE SCHEDULE

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.13.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.13.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.13.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.14</b>		<b>Maluti CHC</b>				
1.14.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.14.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.14.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>1.15</b>		<b>Sipetu Hospital:630KVA</b>				
1.15.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.15.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.15.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
<b>1.16</b>		<b>Sipetu Hospital:320KVA</b>				
1.16.1		<b>Minor Service Cost</b> : Price per Monthly Service / Inspection per machine, as per tasks from the Monthly Service Inspection Guideline in C6.	No	24		
1.16.2		<b>Minor Service Cost</b> : Price per Three Monthly Service / Inspection per machine, as per tasks from the Three Monthly Service Inspection Guideline in C6.	No	6		
1.16.3		<b>Major Service Cost</b> : Price per Six Monthly Service / Inspection per machine, as per tasks from the Six Monthly Service Inspection Guideline in C6.	No	6		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**OR TAMBO & ALFRED NZO**  
**BILL OF QUANTITIES SCHEDULE 4**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

CONTRACT REF. NO: SCMU3-23/24-0740-HO

Cluster/District: **OR TAMBO & ALFRED NZO DISTRICT**

ASSET TYPE: **STANDBY GENERATORS**

**SCHEDULE 4 : TERM REPAIRS SUBJECT TO APPROVAL OF QUOTATION OF THE WORKS**

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>1</b>	<b>GM 2.8</b>	<b>LABOUR RATES APPLICABLE TO UNSCHEDULED WORK (DAY RATES):</b> Labour rates that Contractor will charge for additional adhoc work that is not contained in Schedules 1 to 3.				
1.1		Technician	Hr	300		
1.2		Diesel Mechanic - Senior Artisan (Trade Tested & Additional Certification)	Hr	580		
1.3		Diesel Mechanic - Artisan (Trade Tested)	Hr	430		
1.4		Utility Man (Non-Trade Tested)	Hr	890		
1.5		Artisan Aid	Hr	500		
1.6		General Worker	Hr	990		
	<b>GM 2.8</b>	<b>LABOUR RATES APPLICABLE TO UNSCHEDULED WORK (NIGHT RATES):</b> Labour rates that Contractor will charge for additional adhoc work that is not contained in Schedules 1 to 3.				
1.1		Technician	Hr	300		
1.2		Diesel Mechanic - Senior Artisan (Trade Tested & Additional Certification)	Hr	580		
1.3		Diesel Mechanic - Artisan (Trade Tested)	Hr	430		
1.4		Utility Man (Non-Trade Tested)	Hr	890		
1.5		Artisan Aid	Hr	500		
1.6		General Worker	Hr	990		
<b>2</b>	<b>GM 2.8.3</b>	<b>TRAVELLING :</b> Travelling cost will be as per the rates for reimbursable expenses published monthly by the National Department of Public Works at the time of rendering the service/repair.				
2.1		Vehicle Travelling Estimate	Km	200,000		
<b>3</b>	<b>GM 2.8.3</b>	<b>ACCOMMODATION AND SUBSISTENCE :</b> Daily Rates per person that the Contractor will claim for approved trips lasting more than one day at a time.				
3.1		Accommodation	Per/night	60		
3.2		Subsistence	Per/day	60		
<b>4</b>	<b>GM 2.5 (10), GM 2.8.1 &amp; GM 2.10.3</b>	<b>PROVISION TO COVER REPAIRS DURING THE TERM OF THE CONTRACT :</b> Lump Sum Provision to cover repairs and breakdowns during the course of the Contract in addition to the agreed routine servicing of the Assets.	PSum	1	R 4,000,000.00	R 4,000,000.00
<b>5</b>	<b>GM 2.8.1 &amp; Clause 11.2(8)</b>	<b>DIRECT FEE PERCENTAGE (MARK-UP) ON MATERIALS AND SERVICES THAT IS NOT INCLUDED IN PRICE LISTS :</b> Mark-up on proven cost for materials and/or Outsourced Services based on the Provisional sum listed in Item 4. above. <b>(Apply % to provisional sum in Item 4 above when pricing the tender)</b>	%			
<b>6</b>	<b>GM 2.15</b>	<b>ENVIRONMENTAL MANAGEMENT PLAN :</b> The Contractor must compile a basic Environmental plan specific to the type of work that he will be performing at the Health Facilities as per C3.2	Item	1		



7	GM 2.15	<b>OCCUPATIONAL HEALTH AND SAFETY ACT COMPLIANCE COST</b> : The Contractor must comply to the project Health and Safety Specification specific to the type of work that he will be performing on site as per C3.2	Month	36		
8	Clause 83.1	<b>INSURANCE : LIMITATION OF LIABILITY</b> (Amounts applicable for whole Contract)				
8.1		Provision for General Contractor's Insurance (Minimum liability limit must be equal to <b>R2,000 000</b> ) to cover requirements of Clause 83.1 in Contract Data	Month	36		
9	X13	<b>PERFORMANCE BOND</b> (Amounts applicable for whole Contract)				
9.1		Provision for a Performance bond of not less than <b>2,5%</b> of the Tender Value	Month	36		
10	SS15	<b>IN-SERVICE TRAINING OF GRADUATES AND INTERNS :</b> Provisional Sum to pay the costs associated with employing nominated Interns and Graduates for the duration of the Contract				
10.1		Interns (1 persons at R5000 per person per month)	Months	36	R 5,000.00	R 180,000.00
10.2		Graduates (1 persons at R7000 per person per month)	Months	36	R 7,000.00	R 252,000.00
11	SS16	<b>PROVISION OF ASSET APPLICABLE ACCREDITED TRAINING</b> : Arranging of Accredited Asset Applicable Training for Operating and Maintenance Staff as per SS16	Psum	1	R 345,000.00	R 345,000.00
11.1	Clause 11.2(8)	Direct Fee Percentage (Mark-up) to be charged by Contractor on amount above	%			
12	GM 6	<b>PROVISION FOR SPECIAL TESTING BY SERVICE MANAGER</b> : Lump sum provision for doing special tests at the Health Facilities as per the prerogative of the Service Manager	Psum	1	105,000.00	R 105,000.00
12.1	Clause 11.2(8)	Direct Fee Percentage (Mark-up) to be charged by Contractor on amounts above	%	1		
13	GM 2.6	<b>MAINTENANCE DOCUMENTATION SITE STORAGE CONSOLE:</b> Provisional sum to supply and install O&M Manual, Log Books, and site Maintenance Records at each equipment type location as directed by the Service Manager	Psum	1	17,500.00	R 17,500.00
13.1	Clause 11.2(8)	Direct Fee Percentage (Mark-up) to be charged by Contractor on amounts above	%	1		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**OR TAMBO & ALFRED NZO**  
**BILL OF QUANTITIES SCHEDULE 5**

**SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)**

**CONTRACT REF. NO:** SCMU3-23/24-0740-HO

**Cluster/District:** OR TAMBO & ALFRED NZO DISTRICT

**ASSET TYPE:** STANDBY GENERATORS

**SCHEDULE 5 :** ROAMING GENERATORS AND GENERATOR HIRE

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1		<b>ROAMING GENERATORS:</b> Rates that the Contractor will charge for handling of ECDoH Roaming generators as additional adhoc work that is not contained in Schedules 1 to 3.				
		<b>100kVA Generator</b>				
1.1.1		Collection of generator unit from ECDoH Stores/Facilities	Item	36		
1.1.2		Delivery and Off-loading of generator unit to ECDoH facility including rigging into position	Item	36		
1.1.3		Electrical connection & disconnection of generator unit at allocated facility	Item	36		
1.1.4		100litre fuel per delivery	No	36		
1.1.5		Crane Truck for collection and delivery of generator unit	km	5000		
		<b>200kVA Generator</b>				
1.2.1		Collection of generator unit from ECDoH Stores/Facilities	Item	36		
1.2.2		Delivery and Off-loading of generator unit to ECDoH facility including rigging into position	Item	36		
1.2.3		Electrical connection & disconnection of generator unit at allocated facility	Item	36		
1.2.4		100litre fuel per delivery	No	36		
1.2.5		Crane Truck for collection and delivery of generator unit	km	5000		
		<b>300kVA Generator</b>				
1.3.1		Collection of generator unit from ECDoH Stores/Facilities	Item	36		
1.3.2		Delivery and Off-loading of generator unit to ECDoH facility including rigging into position	Item	36		
1.3.3		Electrical connection & disconnection of generator unit at allocated facility	Item	36		
1.3.4		100litre fuel per delivery	No	36		
1.3.5		Crane Truck for collection and delivery of generator unit	km	5000		
		<b>500kVA Generator</b>				
1.4.1		Collection of generator unit from ECDoH Stores/Facilities	Item	36		
1.4.2		Delivery and Off-loading of generator unit to ECDoH facility including rigging into position	Item	36		
1.4.3		Electrical connection & disconnection of generator unit at allocated facility	Item	36		
1.4.4		100litre fuel per delivery	No	36		
1.4.5		Crane Truck for collection and delivery of generator unit	km	5000		
2		<b>HIRED GENERATORS:</b> Rates that the Contractor will charge for Hired generators as additional adhoc work that is not contained in Schedules 1 to 3.				
		<b>100kVA Generator</b>				
2.1.1		Daily rate for generator hire	Days	365		
2.1.2		Delivery and Off-loading of generator unit to ECDoH facility including rigging into position	Item	36		
2.1.3		Electrical connection & disconnection of generator unit at allocated facility	Item	36		
2.1.4		100litre fuel per delivery	No	36		
2.1.5		Crane Truck for collection and delivery of generator unit	km	5000		

		<b>200kVA Generator</b>				
2.2.1		Daily rate for generator hire	Days	365		
2.2.2		Delivery and Off-loading of generator unit to ECDoH facility including rigging into position	Item	36		
2.2.3		Electrical connection & disconnection of generator unit at allocated facility	Item	36		
2.2.4		100litre fuel per delivery	Litres	3600		
2.2.5		Crane Truck for collection and delivery of generator unit	km	5000		
		<b>300kVA Generator</b>				
2.3.1		Daily rate for generator hire	Days	365		
2.3.2		Delivery and Off-loading of generator unit to ECDoH facility including rigging into position	Item	36		
2.3.3		Electrical connection & disconnection of generator unit at allocated facility	Item	36		
2.3.4		100litre fuel per delivery	No	36		
2.3.5		Crane Truck for collection and delivery of generator unit	km	5000		
		<b>500kVA Generator</b>				
2.4.1		Daily rate for generator hire	Days	365		
2.4.2		Delivery and Off-loading of generator unit to ECDoH facility including rigging into position	Item	36		
2.4.3		Electrical connection & disconnection of generator unit at allocated facility	Item	36		
2.4.4		100litre fuel per delivery	No	36		
2.4.5		Crane Truck for collection and delivery of generator unit	km	5000		
<b>TOTAL CARRIED FORWARD TO SUMMARY</b>						

**OR TAMBO & ALFRED NZO**  
**BILL OF QUANTITIES SCHEDULE 6**

SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)

CONTRACT REF. NO: SCMU3-23/24-0740-HO

Cluster/District: OR TAMBO & ALFRED NZO DISTRICT

ASSET TYPE: STANDBY GENERATORS

SCHEDULE 6 : GENERATOR CONSUMABLES

ITEM Nr.	PAYMENT REFERS	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		<b>GENERATOR CONSUMABLES:</b> Quantity refers to the minimum required components of each type. The amounts except where other specified shall be based per year. The spare list is to be prepared on the basis of tenderers best current spares prices(excl VAT). The actual cost of the spares will be reimbursed on submission of invoices and suppliers supporting documents. All verified invoices will be paid including the agreed mark-up percentages in terms of the contract.				
		<b>15/20KVA GENERATOR</b>				
1		Main controller (priced once over the 3 year period)	Item	1		
2		Starter batteries	Item	1		
3		Temperature Switch	Item	1		
4		Emergency fuel cut-off fuse	Item	1		
5		Pressure Switch	Item	1		
6		Coolant heaters & hoses	Item	1		
7		Fuel hoses	Item	1		
8		Solenoids	Item	1		
9		Oil sensor	Item	1		
10		Temperature sensor	Item	1		
9		Relays	Item	1		
10		Fuses	Item	1		
11		Lamps	Item	1		
12		Gaskets	Item	1		
13		Injectors	Set	1		
14		Coolant	Item	1		
15		Fuel pump	Item	1		
<b>TOTAL CARRIED TO NEXT PAGE</b>						
<b>TOTAL FROM PREVIOUS PAGE</b>						
		<b>50/60KVA GENERATOR</b>				
16		Main controller (priced once over the 3 year period)	Item	1		
17		Starter batteries	Item	1		
18		Temperature Switch	Item	1		
19		Emergency fuel cut-off fuse	Item	1		
20		Pressure Switch	Item	1		
21		Coolant heaters & hoses	Item	1		
22		Fuel hoses	Item	1		
23		Solenoids	Item	1		
24		Oil sensor	Item	1		
25		Temperature sensor	Item	1		
24		Relays	Item	1		
25		Fuses	Item	1		

26	Lamps	Item	1	
27	Gaskets	Item	1	
28	Injectors	Set	1	
29	Coolant	Item	1	
30	Fuel pump	Item	1	
<b>TOTAL CARRIED TO NEXT PAGE</b>				
<b>TOTAL FROM PREVIOUS PAGE</b>				
<b>100/137KVA GENERATOR</b>				
31	Main controller (priced once over the 3 year period)	Item	1	
32	Starter batteries	Item	1	
33	Temperature Switch	Item	1	
34	Emergency fuel cut-off fuse	Item	1	
35	Pressure Switch	Item	1	
36	Coolant heaters & hoses	Item	1	
37	Fuel hoses	Item	1	
38	Solenoids	Item	1	
39	Oil sensor	Item	1	
40	Temperature sensor	Item	1	
39	Relays	Item	1	
40	Fuses	Item	1	
41	Lamps	Item	1	
42	Gaskets	Item	1	
43	Injectors	Set	1	
44	Coolant	Item	1	
45	Fuel pump	Item	1	
<b>TOTAL CARRIED TO NEXT PAGE</b>				
<b>TOTAL FROM PREVIOUS PAGE</b>				
<b>150/160KVA GENERATOR</b>				
46	Main controller (priced once over the 3 year period)	Item	1	
47	Starter batteries	Item	1	
48	Temperature Switch	Item	1	
49	Emergency fuel cut-off fuse	Item	1	
50	Pressure Switch	Item	1	
51	Coolant heaters & hoses	Item	1	
52	Fuel hoses	Item	1	
53	Solenoids	Item	1	
54	Oil sensor	Item	1	
55	Temperature sensor	Item	1	
54	Relays	Item	1	
55	Fuses	Item	1	
56	Lamps	Item	1	
57	Gaskets	Item	1	
58	Injectors	Set	1	
59	Coolant	Item	1	
60	Fuel pump	Item	1	
<b>TOTAL CARRIED TO NEXT PAGE</b>				
<b>TOTAL FROM PREVIOUS PAGE</b>				

<b>200/250KVA GENERATOR</b>				
61	Main controller (priced once over the 3 year period)	Item	1	
62	Starter batteries	Item	1	
63	Temperature Switch	Item	1	
64	Emergency fuel cut-off fuse	Item	1	
65	Pressure Switch	Item	1	
66	Coolant heaters & hoses	Item	1	
67	Fuel hoses	Item	1	
68	Solenoids	Item	1	
69	Oil sensor	Item	1	
70	Temperature sensor	Item	1	
69	Relays	Item	1	
70	Fuses	Item	1	
71	Lamps	Item	1	
72	Gaskets	Item	1	
73	Injectors	Set	1	
74	Coolant	Item	1	
75	Fuel pump	Item	1	
<b>TOTAL CARRIED TO NEXT PAGE</b>				
<b>TOTAL FROM PREVIOUS PAGE</b>				
<b>300/320KVA GENERATOR</b>				
76	Main controller (priced once over the 3 year period)	Item	1	
77	Starter batteries	Item	1	
78	Temperature Switch	Item	1	
79	Emergency fuel cut-off fuse	Item	1	
80	Pressure Switch	Item	1	
81	Coolant heaters & hoses	Item	1	
82	Fuel hoses	Item	1	
83	Solenoids	Item	1	
84	Oil sensor	Item	1	
85	Temperature sensor	Item	1	
84	Relays	Item	1	
85	Fuses	Item	1	
86	Lamps	Item	1	
87	Gaskets	Item	1	
88	Injectors	Set	1	
89	Coolant	Item	1	
90	Fuel pump	Item	1	
<b>TOTAL CARRIED TO NEXT PAGE</b>				
<b>TOTAL FROM PREVIOUS PAGE</b>				
<b>500KVA GENERATOR</b>				
91	Main controller (priced once over the 3 year period)	Item	1	
92	Starter batteries	Item	1	
93	Temperature Switch	Item	1	
94	Emergency fuel cut-off fuse	Item	1	
95	Pressure Switch	Item	1	
96	Coolant heaters & hoses	Item	1	
97	Fuel hoses	Item	1	



98	Solenoids	Item	1		
99	Oil sensor	Item	1		
100	Temperature sensor	Item	1		
99	Relays	Item	1		
100	Fuses	Item	1		
101	Lamps	Item	1		
102	Gaskets	Item	1		
103	Injectors	Set	1		
104	Coolant	Item	1		
105	Fuel pump	Item	1		
<b>TOTAL CARRIED TO NEXT PAGE</b>					
<b>TOTAL FROM PREVIOUS PAGE</b>					
<b>1250KVA GENERATOR</b>					
106	Main controller (priced once over the 3 year period)	Item	1		
107	Starter batteries	Item	1		
108	Temperature Switch	Item	1		
109	Emergency fuel cut-off fuse	Item	1		
110	Pressure Switch	Item	1		
111	Coolant heaters & hoses	Item	1		
112	Fuel hoses	Item	1		
113	Solenoids	Item	1		
114	Oil sensor	Item	1		
115	Temperature sensor	Item	1		
114	Relays	Item	1		
115	Fuses	Item	1		
116	Lamps	Item	1		
117	Gaskets	Item	1		
118	Injectors	Set	1		
119	Coolant	Item	1		
120	Fuel pump	Item	1		
<b>TOTAL CARRIED TO SUMMARY</b>					

**OR TAMBO & ALFRED NZO**  
**FINAL SUMMARY**

SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE(1) - OR TAMBO AND ALFRED DISTRICT - HEALTH FACILITIES (36 MONTHS)

CONTRACT REF NO

SCMU3-23/24-0740-HO

Cluster/District: OR TAMBO DISTRICT & ALFRED NZO DISTRICT

ASSET TYPE

STANDBY GENERATORS

	DESCRIPTION	TOTAL AMOUNT OF WORKS (EXCL VAT)
1	OR TAMBO DISTRICT	
1.1	KING SABATO DALINDYEBO	
1.2	NYANDENI LOCAL MUNICIPALITY	
1.3	MHLONTLO LOCAL MUNICIPALITY	
1.4	PORT ST JOHN'S MUNICIPALITY	
1.5	INGQUZA HILL LOCAL MUNICIPALITY	
2	ALFRED NZO DISTRICT	
3	SCHEULE 4 - TERM REPAIRS SUBJECT TO APPROVAL OF QUOTATION OF THE WORKS	
4	SCHEDULE 5 - ROAMING GENERATORS AND GENERATOR HIRE	
5	SCHEDULE 6 - GENERATOR CONSUMABLES	
6	Add contingencies (10%)	
<b>SUBTOTAL AMOUNT OF WORKS (EXCL VAT)</b>		
ALLOWANCE FOR VAT AT 15%		
<b>TOTAL AMOUNT OF WORKS (INCL VAT) - ENTER THIS AMOUNT TO FORM OF OFFER</b>		

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

**DECLARATION (In respect of completeness of Tender)**

Department of Health  
Eastern Cape Department of Health  
Global Life Centre  
c/o R63 and Phalo Avenue  
Bhisho

I/We, the undersigned, do hereby declare that these are the properly priced Schedules of Quantities forming Part C2.2 of this Contract Document which contains 28 pages numbered 1 to 28 and in consecutive order in Volume 2 and the number of pages in consecutive order in Volume 2A as stated on page 1 thereof, upon which my/our tender for **TENDER NO. SCMU3-23/24-0740-HO: SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)**

has been based.

**SIGNED ON BEHALF OF TENDERER:** .....

**DATE:** .....

## **PART C3: SCOPE OF WORKS**

### C3.1: SCOPE OF WORKS

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

This specification is for the repair, maintenance and proper functioning of the listed generators for the duration of the Contract period:

#### OR Tambo District

Item no.	Facility Name	No. of units
1	Bala Clinic	1
2	Bambisana Gateway Clinic	1
3	Bambisana Hospital	1
4	Baziya CHC	1
5	Bityi Clinic	1
6	Bodweni Clinic	1
7	Bomvini Clinic	1
8	Buchele Clinic	1
9	Buntingville Clinic	1
10	Caba Clinic	1
11	Caguba Clinic	1
12	Canzibe Hospital	1
13	Double Falls Clinic	1
14	Dr Malizo Mpehle Memorial Hospital	1
15	Ezingcuka Clinic	1
16	Flagstaff CHC	1
17	Gengqe Clinic	1
18	Good Hope Clinic	1
19	Goso Forest Clinic	1
20	Gqubeni Clinic	1
21	Gura Clinic	1
22	Hlabatshane Clinic	1
23	Holy Cross Gateway Clinic	1
24	Holy Cross Hospital	4
25	Isilimela Hospital	1
26	Kalankomo Clinic	1
27	Kambi Clinic	1
28	Kohlo Clinic	1

29	KTC Clinic	1
30	Libode Clinic	1
31	Lotana Clinic	1
32	Lower Gungululu Clinic	1
33	Ludalasi Clinic	1
34	Lujizweni Clinic	1
35	Lusikisiki Village Clinic	1
36	Lutshaya Clinic	1
37	Lutubeni Clinic	1
38	Magwa Clinic	1
39	Mahlungulu Clinic (Mhlontlo)	1
40	Majola Clinic	1
41	Makhotyana CHC	1
42	Malusi Clinic	1
43	Mangcwanguleni Clinic	1
44	Mantlaneni Clinic	1
45	Mantusini Clinic	1
46	Maqanyeni Clinic	1
47	Maxwele Clinic	1
48	Mbalisweni Clinic	1
49	Mbekweni CHC	1
50	Mbokotwana Clinic	1
51	Mbotyi Clinic	1
52	Mdeni Clinic	1
53	Mdyobe Clinic	1
54	Mevana Clinic	1
55	Mgwenyane Clinic	1
56	Mhlahlane Clinic	1
57	Mhlakulo CHC	1
60	Mjika Clinic	1
61	Mpeko Clinic	1
62	Mpoza Clinic (Lusikisiki)	1
63	Mpunzana Clinic	1
64	Mqhekezweni Clinic	1
65	Mtakatye Clinic	1
66	Mtambalala Clinic	1
67	Mthatha Gateway Clinic	2
68	Mthatha General Hospital	5
69	Mzintlava Clinic	1
70	Ncambele Clinic	1
71	Ndanya Clinic	1
72	Nelson Mandela Academic Hospital	7
73	Nessie Knight Hospital	2

74	Ngangelizwe CHC	1
75	Ngcengane Clinic	1
76	Ngcoya Clinic	1
77	Ngqungqu Clinic	1
78	Ngqwarha Clinic	1
79	Ngwemnyama Clinic	1
80	Nkanga Clinic	1
81	Nkanunu Clinic	1
82	Nkozo Clinic	1
85	Nkumandeni Clinic	1
86	Nolita Clinic	1
87	Nqanda A Clinic	1
88	Ntafufu Clinic	1
89	Ntapane Clinic	1
90	Ntshabeni Clinic	1
91	Nxotwe Clinic (Qumbu)	1
92	Nyandeni Clinic	1
93	Old Bunting Clinic	1
94	Oliver Tambo District Office	1
95	Palmerton Clinic	1
96	Phahlakazi Clinic	1
97	Phakamile Clinic	1
98	Pilani Clinic	1
99	Port St Johns CHC	1
100	Port St Johns EMS Station	1
101	Qandu Clinic	1
102	Qanqu Clinic	1
103	Qokolweni Clinic	1
104	Qolombane Clinic (Qumbu)	1
105	Qumbu CHC	1
106	Qunu Clinic	1
109	Shawbury Clinic	1
110	Sidwadweni Clinic	1
111	St Barnabas Gateway Clinic	1
112	St Barnabas Hospital	1
113	St Elizabeth's Gateway Clinic	1
114	St Elizabeth's Hospital	2
115	St Lucy's Gateway Clinic	1
116	St Lucy's Hospital	1
117	Stanford Terrace Clinic	1
118	Tina Falls Clinic	1
119	Tombo CHC	1
120	Tshezi Clinic	1



121	Wilo Clinic	1
122	Xopoza Clinic	1
123	Xurana Clinic	1
124	Zidindi Clinic	1
125	Zitulele Hospital	1
126	Zwelebhunga Clinic	1
127	Zwelichumile Clinic	1

**Alfred Nzo District**

Item no.	Facility Name	No. of units
1	Greenville Hospital	1
2	Kanyayo Clinic	1
3	Khotsong TB Hospital	1
4	Madzikane ka Zulu Hospital	2
5	Maluti CHC	1
6	Mount Ayliff EMS Station	1
7	Mount Ayliff Hospital	3
8	Mvenyane Clinic	1
9	Sipetu Hospital	2
10	St Patrick's Hospital	2
11	Tayler Bequest Hospital	1

Details of the work required shall be as listed in the Price Lists which have been sub-divided into the following categories:

- SCHEDULE 1:** FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK
- SCHEDULE 2:** FUNCTIONAL REPAIR SCHEDULE
- SCHEDULE 3:** MAINTENANCE SERVICE SCHEDULE
- SCHEDULE 4:** TERM REPAIRS SUBJECT TO APPROVAL OF QUOTATION FOR THE WORKS
- SCHEDULE 5:** ROAMING GENERATORS AND GENERATOR HIRE
- SCHEDULE 6:** GENERATOR CONSUMABLES

## ASSET REGISTER GENERATOR: CLUSTER 1

### OR TAMBO DISTRICT

#### King Sabata Dalindyebo Sub-District

Item no.	Facility name	Engine make	Engine model	Alternator make	Alternator size	Alternator model
1	Bhayiza Clinic	N/A	N/A	Deutz	144 kVA	TD226B-4D
2	Bityi	LOVOL	1004TG14	QUANTUM	65.7 kVA	WHI224F
3	Gengqe Clinic	PERKINS	GV51790U	MarelliMotori	27 kVA	MJB 160 SB4
4	Hlabatshane Clinic	Dongfeng	4BTA3.9-G2	Stromer	62.5kVA	STRO-68
5	Kambi Clinic	Fawde	4DX23-65D	N/A	80 kVA	N/A
6	Lutubeni Clinic	Perkins	GV51790U	Stamford	20 kVA	N/A
7	Maxwele Clinic	Sincro	SK160 MB	N/A	22 kVA	N/A
8	Mbekweni CHC	JOHN DEERE	N/A	MAGNAPLUS	57 kVA	561CSL1601
9	Mpeko Clinic	LOVOL	1004TG14	N/A	65.7 kVA	N/A
10	Mpuzana Clinic	LOVOL	1004TG14	EVOTEC POWER	65.7 kVA	TCU228C
11	Mqhekezweni Clinic	N/A	N/A	N/A	80 kVA	N/A
12	Mthatha EMS Station	LOVOL	1004TG14	N/A	60 kVA	N/A
13	Mthatha Gateway Clinic	AKSA	A4CRX47	AKSA	46.3 kVA	AK337
14	Mthatha General Hospital	Volvo	TAD531 GE	MarelliGenerator	153 kVA	MJB225LA4
15	Mthatha General Hospital	Deutz	BF6M 1013EC	Stamford	163 kVA	UC. 1274F1
16	Mthatha General Hospital	Deutz	BF6M 1013EC	N/A	500 kVA	N/A
17	Mthatha General Hospital	Deutz	BF6M 1013EC	N/A	200 kVA	N/A
18	Mthatha General Hospital	Cummins	N/A	Stamford	380 kVA	HCI444F1
19	Ncambele Clinic	N/A	N/A	N/A	70 kVA	APD70A
20	Nelson Mandela Academic Hospital	Perkins	N/A	Marellimotori	1625 kVA	MJB400LB4B2
21	Nelson Mandela Academic Hospital	Perkins	N/A	Marellimotori	1625 kVA	N/A
22	Nelson Mandela Academic Hospital	Caterpillar	3412	Caterpillar	800 kVA	N/A
23	Nelson Mandela Academic Hospital	Caterpillar	3412	Marellimotors	930 kVA	M8 400 SB 4
24	Nelson Mandela Academic Hospital	Volvo penta	TAB531 GE	Marellimotors	144 kVA	MJB 225 MA4
25	Nelson Mandela Academic Hospital	Forentaa	54VL	N/A	500 kVA	N/A
26	Nelson Mandela Academic Hospital	Perkins	2490/1500	N/A	500 kVA	N/A
27	Nelson Mandela Academic Hospital	LOVOL	1106C-P6TAG4	WERNA	500 kVA	N/A

28	Ngangelizwe CHC	N/A	N/A	Stamford	220 kVA	UC 1274H1
29	Ngcengane Clinic	AKSA	A4CRX461	N/A	92kVA	N/A
30	Ngqungqu Clinic	Dongfeng	4BTA3-G2	Stromer	60 kVA	Stro-63
31	Ngqwarha Clinic	AKSA	ASM4A	AKSA	46.3kVA	AK337
32	Ntshabeni clinic	LOVOL	1004TG15	Werna	60 kVA	N/A
33	Oliver Tambo District Office	N/A	N/A	N/A	500 kVA	N/A
34	Phakamile Clinic	AKSA	N/A	AKSA	62.5 KVA	4BTA3.9-G2
35	Qokolweni Clinic	LOVOL	1004TG14	Evotech power	62.5kW	TCU228C
36	Qunu Clinic	N/A	N/A	AKSA	64 kVA	AK351
37	Sitebe Clinic	AKSA	A4CRX46T	AKSA	63.5 Kva	ASM4A
38	Stanford Terrace Clinic	AKSA	A4CRX47	AKSA	N/A	Etk-259
39	Tshezi Clinic	Dongfeng	4BTA3.9-G2	Stromer	62.5 kVA	STRO 68
40	Wilo Clinic	N/A	N/A	N/A	62.5 kVA	N/A
41	Zidindi Clinic	LOVOL	1004TG14	N/A	60 kVA	Not visible
42	Zitulele Hospital	Duetz Engine	DIN/ISO 3046 IFN	N/A	160 kVA	2452422
43	Zwelebhunga Clinic	N/A	N/A	Stromer	68kVA	STRO68
44	Zwelichumile Clinic	LOVOL	1004TG14	Evotec Power	65.7 kVA	TCU228C

#### Nyandeni Sub-District

Item No.	Facility name	Engine make	Engine model	Alternator make	Capacity	Alternator model
1	Buntingville Clinic	N/A	N/A	N/A	62,5 kVA	N/A
2	Canzibe Hospital	Duetz	N/A	N/A	300 kVA	N/A
3	Double Falls Clinic	Lovol Engine	10047G14	Evotech power	63 kVA	TOJ228C
4	Libode Clinic	LOVOL	1004TG14	N/A	65,7 kVA	N/A
5	Lujizweni Clinic	AKSA Engine	A4CRX46T	AKSA	70 kVA	APD 70A
6	Makhotyana CHC	AKSA Engine	ASM4A	N/A	64 kVA	N/A
7	Malusi Clinic	N/A	A4CRX47	N/A	46 kVA	N/A
8	Mangcwanguleni Clinic	N/A	N/A	N/A	80 kVA	N/A
9	Maqanyeni Clinic	AKSA Engine	ASM4A	N/A	80 kVA	N/A
10	Mgwenyane Clinic	John Deere	4045TF158	MagnaPLUS	57 kVA	361CSLI601
11	Mtakatye Clinic	Lovol Engine	1004TG14	Werna	60 kVA	N/A
12	Ndanya Clinic	AKSA Engine	ASM4A	N/A	80 kVA	N/A
13	Nkanga Clinic	N/A	N/A	N/A	80 kVA	N/A
14	Nkanunu Clinic	Perkins	APD66P	Stamford	60 kVA	N/A
15	Nkumandeni Clinic	AKSA Engine	N/A	AKSA	70 kVA	APD 70A
16	Nolita Clinic	N/A	N/A	N/A	80 kVA	N/A
17	Nqanda A Clinic	Lovol Engine	1004TG14	Evotech power	62.5 kVA	TCU228C
18	Ntapane Clinic	Werna	N/A	N/A	80 kVA	N/A
19	Nyandeni Clinic	N/A	N/A	N/A	75 kVA	N/A
20	Old Bunting Clinic	AKSA Engine	A4CRX46T	AKSA	63.5 kVA	AK351
21	Pilani Clinic	Lovol Engine	1003TG14	Stromer	50 kVA	STRO-50
22	St Barnabas Hospital	Volvo Penta	TAC4641GF	MarelliMotori	625 kVA	N/A

### Mhlontlo Sub-District

Item No.	Facility name	Engine make	Engine model	Alternator Size	Alternator model
1	Caba Clinic	Lovol Engine	1004GT14	60 kVA	WR224E16
2	Dr Malizo Mpehle Memorial Hospital	AGG engines	AS8900	200 kVA	N/A
3	ec Ezingcuka Clinic	N/A	N/A	80 kVA	N/A
4	Gura Clinic	Lovol Engine	1004TG14	80 kVA	N/A
5	Kalankomo Clinic	Lovol Engine	1004TG14	60 kVA	N/A
6	Lotana Clinic	Perkins	GV51790U	20 kVA	PI144D1
7	Lower Gungululu Clinic	AKSA Engine	A4CRX46T	70 kVA	N/A
8	Mahlungulu Clinic (Mhlontlo)	Lovol Engine	1004TG14	80 kVA	WR1590919
9	Mbalisweni Clinic	Lovol Engine	1004TG14	60 kVA	WR224E16
10	Mbokotwana Clinic	Lovol Engine	1004TG14	62.5 kVA	TCU228C
11	Mdeni Clinic	Lovol Engine	1004TG14	62.5 kVA	TCU228C
12	Mdyobe Clinic	FAW Jiefang	4DW91-29D	25 kVA	WR184G16
13	Mhlahlane Clinic	Power Products	4DW92-35D	31.5 kVA	TCU18ID
14	Mhlakulo CHC	Lovol Engine	1004TG14	80 kVA	N/A
15	Mjika Clinic	Diesel Engine	4DW91-29D	80 kVA	No tag
16	Nessie Knight Hospital	Perkins	N/A	235 kVA	Type: MJB250MB4
17	Nessie Knight Hospital	Volvo Penta	TAD1341GE	385 kVA	MJB 315SA4-B2
18	Ngwemnyama Clinic	Diesel Engine	4DW91-29D	80 kVA	No name plate
19	Nxotwe Clinic (Qumbu)	Lovol Engine	1004TG14	80 kVA	WR224G16
20	Qanqu Clinic	Lovol Engine	N/A	60 kVA	WHI224E
21	Qolombane Clinic (Qumbu)	Lovol Engine	1004TG14	60 kVA	WR224E16
22	Qumbu CHC	Volvo Penta	TAD 531 GE	139 kVA	N/A
23	Shawbury Clinic	Diesel Engine	4DW91-29D	22 kVA	STRO-22
24	ec Sidwadweni Clinic	N/A	N/A	80 kVA	N/A
25	St Lucy's Gateway Clinic	Lovol Engine	1004TG14	50 kVA	WR17083665
26	St Lucy's Hospital	Duetz	BF6M113E C	160 kVA	0157793/13
27	Tina Falls Clinic	Lovol Engine	1004TG14	80 kVA	N/A
28	Tsilitwa Clinic	Lovol Engine	1004TG14	70 kVA	WHI224F

**Post St Johns Sub-District**

Item no.	Facility name	Engine make	Engine model	Alternator make	Alternator Size	Alternator model
1	Bambisana Hospital	Volvo Penta	N/A	Marelllo Generators	270 kVA	MJB 250 LA4
2	Bambisana Hospital	Perkins	2506/1500	Stamford	48 kVA	UCI224E14
3	Bomvini Clinic	Perkins	N/A	Stamford	60 kVA	N/A
4	Buchele Clinic	Perkins	2506/1500	Stamford	60 kVA	N/A
5	Caguba Clinic	Lovol Engine	1004TG12	Evotech power	62.5 kVA	TCU228C
6	Gqubeni Clinic	Lovol Engine	1004TG14	WERNA	80 kVA	WR224G1Y
7	Isilimela Hospital	Perkins	N/A	Marelli Generators	235 kVA	MT36404
9	Kohlo Clinic	Lovol Engine	1004TG14	Evotech power	62.5 kVA	N/A
10	Ludalasi Clinic	Perkins	2506/1500	Stamford	56 kVA	UCI224E14
11	Lutshaya	Perkins	2506/1500	Stamford	48 kVA	UCI224E14
12	Majola Clinic	Lovol Engine	1004TG14	Evotech power	62.5 kVA	N/A
13	Mantusini Clinic	AKSA Engine	A4CRX46T	AKSA	64 kVA	APD 70A
14	Mevana Clinic	Lovol Engine	1004TG14	Werna	60 kVA	N/A
15	Mtambalala Clinic	Lovol Engine	1004TG14	Quantum	60 kVA	WHI224F
16	Mzintlava Clinic	Lovol Engine	1004TG14	Quantum	63 kVA	N/A
17	Ngcoya Clinic	Perkins	TAD1641GE-B	Stamford	500 kVA	S5LD-C41
18	Ntafufu Clinic	Lovol Engine	1004TG14	Evotech power	62.5 kVA	N/A
19	Phahlakazi Clinic	Perkins	2506/1500	Stamford	60 kVA	UCI224E14
20	Port St Johns CHC	Volvo Penta	TAD 531 GE	Marelligenerators	139 kVA	MJB 225MA4 B
21	Qandu Clinic	Perkins	N/A	N/A	kVA	N/A
22	Tombo CHC	Lovol Engine	1004TG14	Werna	50 kVA	WR224D16
23	Tombo CHC	Perkins	N/A	MarelliMotori	38 kVA	N/A

### Ngquza Hill Sub-District

Item no.	Facility name	Engine make	Engine model	Alternator make	Alternator size	Alternator model
1	Bala Clinic	Lovol Engine	1004TG14	WERNA	60kVA	WR224E16
2	Bodweni Clinic	Lovol Engine	1004TG14	Werna	48 kVA	N/A
3	Flagstaff CHC	Volvo Penta	N/A	N/A	N/A	N/A
4	ec Good Hope Clinic	N/A	N/A	N/A	80 kVA	N/A
5	Goso Forest Clinic	Moteurs/ Baudouis	4MOGG44/ 5	Leroy-Somer	40 kVA	LSAP42.3F
6	Holy Cross Gateway Clinic	Lovol Engine	N/A	Werna	50 kVA	N/A
7	Holy Cross Hospital	Duetz	N/A	Deutz	300 kVA	Deutz
8	Holy Cross Hospital	John Deere	N/A	MagnaPLUS	50 kVA	N/A
9	Holy Cross Hospital	John Deere	N/A	John deere	57 kVA	N/A
10	Holy Cross Hospital	Duetz	N/A	Boys Brown Leroy sommer	50 kVA	N/A
11	KTC Clinic	AKSA	A4CRX46TI	AKSA	85 kVA	AK370
12	Lusikisiki EMS Station	Volvo Penta	TAD 531 GE	MarelliMotori	480 kVA	MDM08054
13	Magwa Clinic	Lovol Engine	1004TG140	Werna	50 kVA	N/A
14	Mantlaneni Clinic	Lovol Engine	1004TG14	Quantum	75kVA	WHI224F
15	Mbotyi Clinic	Lovol Engine	1004TG14	Werna	40 kVA	N/A
16	Mpoza Clinic (Lusikisiki)	Lovol Engine	10041TG14	Werna	48 kVA	N/A
17	Nkoko Clinic	Lovol Engine	1004TG14	WERNA	60kVA	WR224E16
18	Palmerton Clinic	Lovol Engine	1004TG14	WERNA	60kVA	WR224E16
19	St Elizabeth's Gateway Clinic	AKSA	A4CRX46TI	Quantum	75 kVA	N/A
20	St Elizabeth's Hospital	Caterpillar_Gen 1	C32	Caterpillar	1100 kVA	SR4B-GD
21	St Elizabeth's Hospital	Caterpillar_Gen 2	C32	Caterpillar	1100 kVA	SR4B-GD
22	Xopozo Clinic	Lovol Engine	1004TG14	WERNA	60kVA	WR224E16
23	Xurana Clinic	Lovol Engine	1004TG14	WERNA	60kVA	WR224E16

**AFRED NZO****Matatiele Sub-District**

Item No.	Facility name	Engine make	Engine model	Alternator Make	Alternator Size	Alternator model
1	Khotsong TB Hospital	Doosan	DP222LC	Mece-alte	960 KVA	ECO43 1S4
2	Mvenyane Clinic	John Deere	S2A070	Magna Plus	57 KVA	361CLSL160L
3	Tayler Bequest Hospital	Scania	6505412	MarelliMotori	250 KVA	MB7 315SASA 4
4	Maluti CHC	Volvo Penta	1AG531 GE	MarelliMotori	105 KVA	TYPE MJB 225MA4-B

**Umzimvubu Sub-District**

Item No.	Facility name	Engine make	Engine model	Alternator Make	Alternator Size	Alternator model
1	Mount Ayliff Hospital	Bosch	776691	Stamford	160 kVA	N/A
2	Mount Ayliff Hospital	Caterpillar	N/A	Caterpillar	123 kVA	N/A
3	Mount Ayliff Hospital	Perkins	N/A	MarelliMotori	185 kVA	N/A
4	Madzikane kaZulu Memorial Hospital	Deutz	N/A	Deutz	300 kVA	N/A
5	Madzikane kaZulu Memorial Hospital	Deutz	BF6M101 3EC	Stamford	160 kVA	A03H081753
6	Mount Ayliff EMS Station	Lovol	J50E	Lovol	60 kVA	N/A

**Mbizana Sub-District**

Item No.	Facility name	Engine make	Engine model	Alternator Make	Alternator Size	Alternator model
1	St Patrick's Hospital	Doosan	P180LE	MagnaMax	500 kVA	500ESL402
2	St Patrick's Hospital	Scania	N/A	MarelliMotori	500 kVA	MBJ355SA4-B
3	Greenville Hospital	SDEC Power	6ETAA118 -921	SDEC Power	360 KVA	N/A
4	Kanyayo Clinic	Lovol	1004TG14	Werna	60 KVA	N/A

**Ntabankul Sub-District**

<b>Item No.</b>	<b>Facility name</b>	<b>Engine make</b>	<b>Engine model</b>	<b>Alternator Make</b>	<b>Alternator Size</b>	<b>Alternator model</b>
1	Sipetu Hospital	N/A	N/A	N/A	630 KVA	N/A
2	Sipetu Hospital	N/A	N/A	N/A	320 KVA	N/A







**PART C3.1a**

**EASTERN CAPE DEPARTMENT OF HEALTH**

**STANDARD SPECIFICATION**

**FOR THE**

**GENERAL MAINTENANCE AND REPAIRS**

**OF**

**GENERATORS AT**

**VARIOUS HOSPITALS AND HEALTH FACILITIES IN**

**CLUSTER 1 (OR TAMBO AND ALFRED NZO DISTRICT)**

**OF THE EASTERN CAPE PROVINCE**

**MARCH 2024**

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## **STANDARD SPECIFICATION FOR THE GENERAL MAINTENANCE AND REPAIRS OF ELECTRICAL AND MECHANICAL INSTALLATIONS**

### **GM 1 GENERAL**

The successful Contractor will be responsible for, and is expected to, maintain all the plant and installations detailed in the Price List and the Inventory of Equipment attached to this Contract.

The intention of this comprehensive maintenance Contract is to assess the current generators' condition of each asset, repair what is needed, and maintain all equipment included as part of the Contract, in such a manner that, except for normal wear and tear, their condition don't deteriorate during the initial Service Period of 36 (thirty six) months. Instruction to proceed with any work related to this Contract shall be authorized by means of a Task Order from the Service Manager.

As skills transfer are an integral part of this Contract the Employer's Operating and Maintenance staff will be responsible for all operating and daily inspections on the equipment, unless otherwise specified in the relevant asset specific Supplementary Specification and/or Relevant Price List.

The Contractor is required to provide pricing for the following items in the Contract as expanded on in this specification for each asset type and equipment quantity as covered by this Tender:

1. Verify the Assets and update the Asset Inventory List that is provided with this Contract;
2. Compile a Preliminary Maintenance Control Plan (Annexure I) to determine what routine servicing should take place on each type of equipment covered by the Contract, and at what frequency the services should take place during the Contract Period if this does not correlate to the Price List service frequency proposed by the Service Manager. With reference to the Price List and C3.1b Supplementary Specification requirements, the Contractor must submit an all-inclusive price and quantity of, for each Service Activity required. Service Activities may include Operations, Minor Services, Major Services or Statutory Inspections as detailed in the Supplementary Specification related to this bid as well as the Price List.
3. Cost to do a full functionality test and condition assessment of all equipment and installations included in the Contract (after Contract award), and provide a priced key spare part pricelist for this equipment;
4. Cost to provide a detailed Functional Condition Assessment Report based on the findings from the functionality test and condition assessment process.

It is to be noted that the aim of the maintenance Contract is NOT to replace random components at the beginning of the Contract in anticipation of a possible breakdown during the Service Period. Only known defects shall be repaired once approved by the Service Manager. It is the Contractor's responsibility to decide if he/she wants to visit each site and familiarize themselves with the actual condition of each installation before submitting a Tender, or to rely on the information as contained in the Inventory of Equipment that is attached to this Contract.

Maintenance of an installation shall be performed in accordance with the standby generators **Service Information** which will include:

- This Standard Specification for the General Maintenance and Repairs of Electrical and Mechanical Installations,
- The Technical Specifications that may be applicable,
- The Supplementary Specification for this Asset Type,
- The Operating and Maintenance Manuals (where applicable) for this AssetType,
- Relevant Inspection Check sheets for this Asset Type,
- The Maintenance Control Plan per Health Facility,
- All relevant SANS Standards and Legislation that is referred to in the abovelisted documents, and
- All relevant drawings forming part of this Contract.

The main mechanical and electrical sections of a facility with their subsections as set out in the Service Information and in the Price List will each be deemed "an installation". Maintenance, as specified, will be applicable to all these installations.

All Contractors are to undergo an approximately three-hour long Contractor's induction process before being allowed to work at any of the sites. This induction shall cover the General Rules for Contractors on Site, the penalty system applicable to this Contract, as well as the minimum work quality standards for the work to be done on site.

Major equipment replacement, major upgrades and/or redesigned functionality will be handled outside of this Contract via a separate projects program, and are therefore not part of this Contract. The maintenance and repair work phase will run parallel to each other at the same time.

## **GM 2 MAINTENANCE REQUIREMENTS**

- i The Contractor will adhere to the Task Order and when completed, contact the Service Manager for formal approval and signing off, of the Task Order. The Engineering Representative will assist the Service Manager in verifying completed work.
- ii The Contractor is expected to be fully aware of his obligations in so far as this Contract is concerned and he shall attend to the maintenance procedure within the time limits specified for each class of maintenance procedure.
- iii The completed Task Order will be returned to the Service Manager, who will forward it to the Call Centre to log the completed Task Order into the system. When the completed Task Order is logged into the system the job will be closed.
- iv When a maintenance procedure cannot be completed within the specified downtime the Contractor should apply in writing to the Service Manager for an extension of time with reasons for the delay. This application should be submitted as soon as the details of the maintenance procedure and availability of spare parts are known.

- v The Call Centre Manager will submit a weekly response performance report to the Service Manager, who will make a decision on the implementation of penalties which will depend on the nature of each breakdown, as well as valid claims on delays received from the Contractor. The recorded report date and time as well as the recorded completion date and time will be regarded as sufficient and final proof for the proper administration of this aspect of the Contract.

## **GM 2.2 SERVICE MANAGER**

Eastern Cape Department of Health's agent will be appointed as **Service Manager** (Project Manager) to manage and administrate all work and financial aspects related to this particular bid. He/she will be supported on the ground by an Engineering Representative to verify workmanship and compliance of completed activities to Contract requirements. The Service Manager will be responsible for the following:

- i Perform duties as per the NEC3 Term Services Contract Standard Clauses;
  1. Ensure that either he/she, or the Facility Specific Site Representative, visit the Facility and compile reports on the status of the Facility infrastructure that forms part of this bid;
  2. Liaise with the Call Centre and check on call outs;
  3. Determine routine maintenance work to be done, and issue Task Orders for routine maintenance and repairs/refurbishment/upgrades (that was accepted by the Employer), to the relevant Contractor;
  4. Consult and co-ordinate with the Program Lead Consulting Engineer as needed on specific maintenance aspects, designs and specifications to be done;
  5. Assess the completed work for the assessment period, consider the payment applications lodged by the Contractor during this period, Certify the payment due, and issue a Payment Certificate for the accepted work as per the Standard Contract clauses;
  6. Monitor the logging of regular maintenance work done;
  7. Prepare reports on maintenance and repair work done;
  8. Liaise with the hospital Site Representative regarding all work to be done on this asset type at the facility;
  9. Liaise with management of the facility;
  10. Obtain approvals from the Employer where required for

### GM 2.3 CONTRACTOR'S RESPONSIBILITIES

The Contractor shall maintain the complete installation as specified in the **Service Information** for the full Contract period subject to the agreed repairs and performance criteria.

Maintenance implies and shall include routine preventative maintenance on a schedule as approved by the Service Manager, corrective maintenance, as well as breakdown maintenance of all components of the specified installation.

The Contractor shall be responsible to perform all tasks as specified in this specification, subject to the requirements of the NEC3 Term Service Contract Standard Clauses. In addition, the Contractor must:

- (i) Record work done, performance indicators, defects identified and/or corrected, and spares used;
- (ii) Obtain work done sign-off on site as well as from the Engineering Representative;
- (iii) Submit completed Task Orders and invoices to the Service Manager;
- (iv) Attend scheduled project meetings with the Service Manager.

The Contractor shall, as part of his maintenance responsibilities repair or replace faulty equipment upon logging of a breakdown, within the down-time as defined in Paragraph GM 7, and against the Tendered rates as provided for in the Price List, and within the down-time as specified in the applicable Task Order. In the event of any repair item for which a rate is not available in the Price List, the rate as specified in the Task Order will apply.

### GM 2.4 TASK ORDERS

All works required to be done by the Contractor will be instructed by issuing of a **Task Order** by the **Service Manager**. No Works shall be conducted without a Task Order.

The Call Centre may issue breakdown and defects correction/repair Task Orders to the Contractor at any time during the Service Period, but they must all be copied to the Service Manager. The time for the completion of the Breakdown Task Order will be as per the allowable response times in Table 1 in Section GM 7.

If the exact nature and possible cost of rectifying a breakdown is not known when the Breakdown Task Order is issued to the Contractor, the task order will be issued with provisional information and costs estimates. The Contractor shall respond to such a Breakdown Task Order by traveling to the site to evaluate the breakdown (scope of repair work), estimate the realistic cost as well as downtime and provide feedback to the Service Manager to form the basis of the revised Task Order.

Should the Contractor not be able to complete the Breakdown Task Order within the agreed and approved time for completion, it shall be the Contractor's responsibility to obtain an extension of time from the Call Centre Manager. The written report shall clearly state the reasons for requiring the extension, as well as the actual extension period required.

Should the actual time for completion of the Breakdown Task Order exceed the agreed time allowed, including any extension of time, the Contractor shall be liable for damages at the rate stated in the Task Order.

The Service Manager will issue Task Orders for the routine maintenance services, and approved repair/upgrade work once the Maintenance Control Plan has been approved and updated with the relevant information from the Repair Schedule as per GM 3.

Routine maintenance, approved repairs and breakdown repairs will all be done parallel to each other on the equipment as per the Maintenance Control Plan and Call Centre priorities.

## GM 2.5 FUNCTIONAL CONDITION ASSESSMENT

Immediately after handing over of the site, and having attended the Contractor's Induction Training Session, the Contractor shall start with a **detailed functional test and condition assessment process** of the specified installation/equipment at each Health Facility and **submit a detailed report** to the Service Manager regarding the functionality, performance and condition of the equipment. It is this Contract's intention that this task be completed within **two weeks** of each site handover to the Contractor, but the Service Manager will arrange and agree specific deliverable dates for each Health Facility with the Contractor in this regard as part of the Contractor's Maintenance Control Plan.

The following work shall be carried out during the time allowed for the execution of the Functional Condition Assessment:

- **Verify the Asset Data** from the Asset Inventory List in C4.1, obtain the additional asset information that might be required for a specific piece of equipment, and update the Inventory of Mechanical and Electrical Equipment for each Health Facility with make and model numbers, capacities and general condition, year of manufacture (age), additional equipment to be added to the list, and equipment to be deleted from the list (i.e. equipment not on site anymore), etc., as per the fields provided in the format provided by the Service Manager after Contract award.
- **Prepare a clear A4 size line drawing** of the building/ward/room in which the plant is installed, typically as per one of the two examples below, and show positions of the equipment schematically on this drawing. Please provide basic information regarding the general condition of the room/facility/building where the asset is located (this will assist to provide information to the facility repair teams), next to, or below the line drawing; One line drawing per location per Health Facility must be provided and can be hand drawn, provided that the drawing is clear, neat and all info is readable. Where applicable the position of the equipment on the walls must be shown
  - Record the number/name of each piece of equipment on the line drawing. If no name/number exists on the equipment itself, allocate a descriptive number (i.e. Washer) and mark this on the equipment with a black permanent marker pen. Reference shall be made to this ID number in the defects listed in the Repair Schedules for each item of equipment to identify the equipment accurately.
  - **Verify what spare parts (if any) are available** on site for the equipment covered by the Contract, as well as the condition there-off;



- **Compile a Priced Spare Part List**, (based on the Contractor's cost price for the spares) for the relevant spare parts required for a repair of all the types of equipment listed in the Asset Inventory, and indicate on this list what spares should be kept in stock on site for use by the site maintenance staff. The Employer however retains the right to negotiate the offered spare part prices with like type spares prices solicited through the Tender process, if they are not in line with national price norms.
- **Inspect the condition and test the functionality** of all components of the installation to confirm the extent of the repair work required (if any). If the equipment is not in an operable state record this and proceed with item 7 below;
- **Verify if the equipment meets current standard technical specifications** for the specific application (**for example: a split system air conditioner maybe functionally good and serviceable, but does not meet the criteria to operate inside an operating theatre or infection control area**). Advise on an alternative if applicable. Please consult the Facility Manager when doing the assessment to get information regarding any issues that they are experiencing with the equipment.
- **Verify the estimated remaining service life** for the equipment based on the equipment's age and current condition. If the equipment is old and in a bad state it might be more cost effective to replace the unit rather than rebuilding it. Please advise in this regard;
- Should it be impossible to determine the details of the defect without dismantling the machine/equipment item, the Contractor shall nevertheless prepare an estimate with a cost breakdown for repairs he/she anticipates will be needed. After a written instruction has been received to repair the machine/equipment item, the final cost will be determined after the machine/equipment item has been dismantled for repairs. **Equipment shall not be dismantled for inspections during the equipment functional condition assessment period.**
- **Compile a detailed Repair Schedule for each separate equipment unit (machine)**. This Repair Schedule will consist out of a clear identification of the equipment unit, a detailed description of what is wrong with the equipment unit, a detailed repair or replacement method statement (and explanation on why it is recommended that the unit be replaced if applicable), and an accurate detailed quote, with estimated lead times and a high-level project plan to enable the work to proceed if the approval to do so is granted by the Service Manager via a Task Order. (See GM 2.8 for the rates requirements)
- The Employer does not guarantee that any, or all, of the repairs/replacements recommended via the repair schedules, will be accepted for implementation by the Contractor. Accepted Repair Schedules will however

become part of the Final Maintenance Control Plan once approved by the Employer, and will then be included in the work scheduled for this Contract. Depending on the cost and complexity, equipment replacement recommendations might be transferred to the Repair Project Work Stream of the Employer's Mechanical and Electrical Equipment Repair Programme.

- **Compare the identified defects of each item of equipment with the components already included under the standard minor and major services scopes** in the Contract Price List, and remove costing for these from the repair requirements. Include all identified defects into the Functional Condition Assessment Report, but only price the defects not covered by the standard servicing scope of works. (See GM 3.2 (3) for costing of the standard services)
- Where applicable, **obtain copies of Statutory Inspection and Test Reports** from the Health Facility (if available) and attach these to the Defects Inspection Report.
- **Submit the detailed Functional Condition Assessment Report** to the Services Manager who shall thereafter demarcate any areas to be repaired and forward this information to the Contractor. Once approval is granted, the Service Manager will instruct the Contractor about the repair work to be done.

## GM 2.6 FUNCTIONAL CONDITION ASSESSMENT REPORT

A Functional Condition Assessment Report must be compiled for each Health Facility, and shall contain the following:

1. The updated Asset Inventory List (both hard and electronic copies) completed in the Excel Format provided by the Service Manager after Contract Award;
2. Clear location identifiable layout line drawings of the equipment, with ID numbers and brief room/facility/building condition description as per GM 2.5 (2)
3. A list of spare parts, and their condition, that is currently available on site;
4. A priced spare part list of the typical spare parts that might be needed to do repairs on the equipment if it should breakdown or fail. The Contractor must also indicate on this spare part price list which consumable spare parts (i.e. fanbelts, filters, oil, fuses, light globes, etc.) that can be replaced by the site maintenance staff, should be kept in stock at the Health Facility;
5. A summary of the equipment per Health Facility indicating:
  - i Condition;
  - ii If the equipment meets current technical specifications;
  - iii Estimated remaining Service life before replacement will be due; and
  - iv Recommended work to be done (i.e. service only, minor repairs required, major repairs required, replacement or upgrade recommended).
6. A Repair Schedule for each repair that is required. This information will be used to populate the Task Orders for accepted repairs, or feed the Tender document information in case it is moved to the Project Work Stream;

7. A description of the defect for which repair work is not easily identifiable with an estimate of the final cost for repairs. This item will typically apply to breakdowns or defects where the machine or equipment must be de-commissioned and at least partially dismantled before the extent of the work can be fully established;
8. Compile a list of equipment for which a Statutory Inspection and Test is, or will become due during the Contract period. Copies of previous Inspection and Test Certificates to be attached to the report (if available).

Should the Contractor not be able to complete the Functional Condition Assessment Report within the period as specified GM 2.5, it shall be his responsibility to obtain extension of the Functional Condition Assessment period from the Service Manager. The written report shall clearly state the reasons for the extension, as well as the actual extension required. An extension of time shall only be considered by the Service Manager if the Engineering Representative believes the Contractor has carried out the already completed portion of the report with the due diligence and attention to detail.

Should the actual time for the completion of the report exceed the specified time for completion, including any extension granted, the Contractor shall be liable to a payment reduction for the difference between actual and approved completion periods. The value of the payment reduction for each health facility shall be as specified in Section X18 of the Secondary Options Clauses of the Contract.

After the repair phase work and costs have been accepted, the Contractor shall commence with the known and approved repair work only after site access for repair work has been approved and the Task Order issued. The Contractor shall complete the work within the period allowed for the repair work as specified in the applicable Task Order.

## **GM 2.7. OPERATING AND MAINTENANCE MANUALS**

The Contractor shall, where specified, and as part of the repairs to each installation, compile and submit a comprehensive Operating and Maintenance Manual based on the Original Equipment Manufacturer's requirements. The Contractor shall ensure through training that the operating and maintenance personnel of the Health Facility are conversant with the instructions as presented in the Operating and Maintenance Manual, as per SS 8 and SS 9.

The Operating and Maintenance Manual, as accepted by the Service Manager, shall be used as a basis for preventative maintenance. The Contractor shall perform all preventative and corrective maintenance as described in the Operating and Maintenance Manual. This shall be in accordance with the Standard and Supplementary Specifications.

The Operating and Maintenance manuals must be based on the updated Inventory of Equipment (C4.1) data after completion of the Functional Condition Assessment, and shall be updated with respect to Make, Model Number, Capacity and any other relevant data.

The Contractor must provide three (3) sets of each required Operating and Maintenance Manual as follows:

1. One set to be installed at a suitable position on a short chain, against a wall in the room/area where the equipment is located, or as otherwise instructed by the Service Manager for outside and spread out equipment;

2. Two sets to the Services Manager.

**The Operating and Maintenance Manuals must be delivered as soon as possible after the Functional Condition Assessment Report has been completed.** Also see Section GM 3.3 (15).

Where several of the same equipment is in the same room/area, only one set of three Operating and Maintenance Manuals is required. If the same equipment is spread out throughout the health facility the Contractor must install one Operating and Maintenance Manual near each one, or group of the equipment unless otherwise instructed by the Service Manager. This does not apply to equipment like split air conditioners, etc. for which only one set of three Operating and Maintenance Manuals per make and model will be required. The Service manager will instruct the Contractor where to install the chained Operating and Maintenance Manual for equipment like air conditioners.

The Contractor will be required to install several Document Consoles (storage and writing platform units) with sleeve anchors or bolts, into the walls at different locations of each Health Facility, to secure and store the chained manuals and maintenance logs. A Provisional sum will be included for this in the Price List.

## **GM 2.8. RATES**

Scheduled work is all planned routine servicing of the equipment at the all-inclusive Contracted Rates contained in Schedule 3 of the Contract. Unscheduled work is all repairs, breakdowns, special maintenance activities, special tests and/or replacement tasks, that is ordered via a Task Order by the Service Manager, in addition to the scheduled work. Payment for this work will be based on the Contracted Rates from Schedule 4.

Where no rates exist in the Contract, the itemized breakdown shall be accompanied by documentary proof from the Supplier, Manufacturer, Engineering Works, etc., where materials were bought or services out-sourced from. The Employer however retains the right to verify and test these rates against the market.

The Contractor shall submit quotes for all Unscheduled work with an itemized breakdown of the total cost involved for acceptance by the Service Manager, in a quotation as detailed below:

### **GM 2.8.1 MATERIALS AND OUTSOURCED SERVICES**

- Unscheduled: List all items with quantities and rates as per quotations or price lists obtained from suppliers or service providers (proven reasonable cost), and attach a copy of the quotation/price list to the quotation. Apply the Direct Fee Percentage (Mark-up %) to all proven reasonable material costs and outsourced services.
- Direct Fee % (Mark-up %): Mark up percentage on proven cost to cover P's & G's, overheads, profit, etc. as per Schedule 4 based on NEC3 TSC Contract Data.
- Scheduled: All materials required for Scheduled Servicing are included into the pricing for the Service as per Schedule 3.

### **GM 2.8.2 LABOUR**

- Unscheduled: List time required for travelling to and back from site (subject to conditions contained in GM 2.8.3 below), actual repair and/or replacement, testing and commissioning time of all unscheduled items at the applicable labour rates as stated in Schedule 4. No Direct Fee % will be applicable to Contracted labour rates.
- Scheduled: Cost is included in Service costs as per Schedule 3.

### **GM 2.8.3 TRANSPORT AND ACCOMMODATION**

Unscheduled:

Traveling and Accommodation claims will be subject to the condition contained in GM 2.8.4 below. Travelling cost will be as per the rates for reimbursable expenses published monthly by the National Department of Public Works applicable at the time of rendering the service/repair. Allow for the actual distance travelled (and specify the reason for the traveling). All travel time and disbursements need to be supported by a Google Maps route planner printout for proof of travelling distance and time. Kilometre claims can be claimed from point of departure to destination and back, but must be linked to the indicated kilometres as per the Google Map attached and referenced to. The Contractor must submit proof of registration to verify the engine cubic capacity of the vehicle, in respect of any vehicle to be claimed for. Allow for the actual accommodation and disbursements (and specify the reason for the accommodation requirement) at the rates as per Schedule 4. **Trips must be combined with Scheduled Servicing trips where possible, to minimize additional expenditure. Trips will be in accordance with the approved Maintenance Control Plan.**

**GM 2.8.4 The Employer requires that the Contractor be based in a location inside the Cluster or District Area that the Contract is awarded for.** The home base (departure point) must therefore be located inside the Cluster Area. If the Contractor does not have a home base in the Cluster Area, the traveling rates (for both distance and labour) will be calculated based on a location inside the Cluster which will typically be the largest Town or City located inside the Cluster or District, as may be applicable as instructed by the Service Manager.

### **GM 2.8.5 PROVISIONAL SUMS**

It is the Employer's sole discretion to decide on spending any, all or none of the Provisional Amounts listed in the different Price List Schedules of this Contract.

### **GM 2.9 REPAIR WORK**

#### **GM 2.9.1 Definitions**

##### **1. Defect**

For this maintenance Contract, a defect shall mean a deficiency in any component of an installation which impairs the functionality of that component or equipment. Worn parts of a component which do not impair the functionality and/or performance of the component will not be regarded as a defect.

Defects may be classified in the following three groups:

##### **1. Type A defect**

Those deficiencies which can be rectified by proper maintenance only, i.e. set parameters of a control system, proper lubrication, balancing, alignment, set pressures on safety valves, cleaning and de-staining, etc.

## **2. Type B defect**

Those deficiencies which can only be rectified by replacing parts of, or the complete component as in the case of a breakdown or where a certain amount of upgrading is necessary such as the provision of anti-vibration mountings, removal of rust and re-painting, etc.

## **3. Type C defect**

Those deficiencies which are visible but which do not impair on the functionality of the installation or system yet, such as structural cracks in parts of a component, rust, bad workmanship during a previous Contract, etc.

Components in which abnormal noise and/or vibration is present shall be serviced in accordance with the Manufacturer's recommendations and if the noise and/or vibration persists, the deficiency will be classified as a defect.

## **2. Repairs**

Repairs of an installation shall mean the elimination of the deficiencies classified as types B and C defects in Paragraph (1.) above.

The specific repair phase commences as indicated on the Task Order issued by the Service Manager for each approved repair. The repairs must be completed within the period as determined by the Task Completion Date as stated in the Task Order. Delay damages for late completion will be applicable as indicated on the Task Order.

**Depending on the nature of the work and availability of funds access may be given at any time during the Service Period and not necessarily directly after site hand-over.**

A representative of the user department or person in charge of the plant, system or building shall endorse the schedule after completion of the maintenance or servicing procedure to the effect that the maintenance or service is, to his opinion, completed satisfactorily and shall countersign the service schedule. Where necessary the Site Representative will inspect the work done and report his findings to the Service Manager.

### **GM 2.9.2 Scope of Repair Work**

The repair work shall be completed within the time allowed for repairs for each installation as defined in the applicable Task Order. If the work is to be carried over two or more financial year's the work will be segmented and prioritized according to the Final Maintenance Plan. The Contractor will be informed of the work to be completed within each financial year. **The starting date for repair work for the current financial year will be the date of acceptance of the measured Price List from the Functional Condition Assessment Report.** The starting dates for subsequent years will be on 1 April of that particular year.

All repair work shall be executed using resources (labour, equipment materials and spare parts) that comply with the requirements of GM 2.11.

The said repair work shall be executed in accordance with the relevant codes of practice, standards, regulations, municipal laws and by-laws, manufacturers' specifications and codes of practice included in this specification.



## **GM 2.10 MAINTENANCE WORK**

Maintenance work commences with the acceptance of the Tender bid and expires at the end of the Service Period. As compensation, the Contractor is paid the **remeasured** Contracted quantities, distributed in agreed intervals and amounts over the Service Period as per the Final Maintenance Control Plan, at the rate Contracted for the applicable maintenance work, subject to the requirements of GM 8.

### **GM 2.10.1 ROUTINE PREVENTATIVE MAINTENANCE**

This entails the rendering of services and servicing of equipment according to a predetermined Maintenance Control Plan to:

- Repair, lubricate, clean and service components of equipment, units or parts thereof for each installation at pre-scheduled intervals regardless of condition;
- Re-adjust, reset, clean, balance, corrosion protect all components of equipment, units or parts thereof for each installation, and
- Carry out all necessary and implied actions to maintain installations in a functional condition (i.e. replace or clean filters, replace or top up fluids, etc.)

Preventative maintenance shall be aimed at prevention or at least minimization of breakdowns.

### **GM 2.10.2 CORRECTIVE MAINTENANCE**

This entails regular observation of the equipment, identifying impending breakdowns, maladjustment or anomalies of equipment, units or parts of installations and subsequent action to restore installations to a fully functional condition before a breakdown occurs.

The Maintenance Procedures for Corrective Maintenance shall be compiled by the Contractor and is included in the Maintenance Control Plan for each system or plant. Inspection items shall include, inter alia, the following:

Checking for:

- Unusual noise and vibration;
- Abnormal surface temperature of machines such as electric motors;
- High temperatures of equipment and wiring inside switchboards;
- Incorrect settings or operation of safety devices;
- Alarm conditions of any instrument or control panel;
- Gas or fluid leaks from the equipment or associated piping systems.

The frequency of corrective maintenance shall be determined by the Contractor himself in line with the recommendations from the Operating and Maintenance Manuals, and actual operational environment where the equipment is operating. This may vary from once every day for high-risk, sensitive installations to once a month for low-risk installations such as exhaust fans and office air conditioners. The frequency of corrective maintenance must be accepted by the Service Manager in the Maintenance Control Plan.

### **GM 2.10.3 BREAKDOWN MAINTENANCE**

This entails repair and/or replacement of defective equipment, units or parts of installations following a breakdown that leaves the installation inoperable or unsafe, and subsequent action to restore the installation to their normal functional condition, within the maximum down-time allowed.

Breakdown repairs will be controlled via the Call Centre and approved Breakdown Repair Task Order process as per GM 2.1. A provisional amount will be included in the Contract Price List Schedules to cover Break Down Task Order expenditure.

### **GM 2.10.4 COMMENCEMENT OF SERVICE PERIOD**

The Contractor shall accept full maintenance responsibilities for each installation from the date on which the site has been handed over to the Contractor. **An annual maintenance service shall be carried out on all installations during the period in which the Defects Inspection Report is compiled, or as soon as possible thereafter.** If the current statutory compliance of a qualifying asset cannot be verified with the correct documentation of proof, a statutory inspection must be performed immediately after the first annual service has been completed.

For equipment or installations where the complete installation is shut down for the repair phase, no maintenance services will be required during the repair period.

### **GM 2.11 SUPPLY OF LABOUR, EQUIPMENT AND MATERIAL**

#### **1. Labour**

Only competent, qualified personnel shall be allowed to execute all maintenance work.

#### **2. Equipment**

All tools, equipment and consumables required for performing maintenance work shall be supplied by the Contractor at his own cost (except where otherwise agreed to in writing and provided by the Employer). The Contractor may use already installed Employer equipment such as crawl beams and crawls, etc. provided that they obtain written approval from the site Maintenance/Technical Manager to do so. Such site approval will be based on the serviceability of the equipment, and upon confirmation of the Contractor's competency compliance in being able to use and operate this equipment during maintenance.

#### **3. Materials and Parts**

All materials, spare parts, components, equipment and appurtenances necessary for the complete maintenance of each installation shall be supplied and installed by the Contractor **at the rates and quantities as instructed by the Service Manager**, after the Functional Condition Assessment Report as specified in GM 2.5 has been accepted.

Only original parts as specified by the Original Equipment Manufacturer may be used for replacement purposes. Generic or alternative parts will only be allowed if they comply fully with all the specifications of the original parts, but may only be used upon written acceptance by the Service Manager.

Substitute electronic components will be acceptable, **PROVIDED** that they are equal to, and

of the same quality as, or superior to, the original components and are accepted, in writing, by the Service Manager.

All parts, spares and materials which are used, shall conform to the applicable SANS Specifications and shall, where possible, carry the SANS mark of approval.

Substitute parts, as well as the serial numbers (where available) of the original and new components, shall be entered on the service sheets and in the maintenance/repair log-book.

The Contractor shall obtain, and cede any supplier's or factory guarantee of repaired or replaced components to the Employer. All workmanship, new equipment, materials, components, systems, etc. used for servicing and repairs shall be guaranteed for 12 months unless otherwise agreed to in writing with the Service Manager. The guarantee cards for repaired or replaced components or equipment shall also be attached to service sheets and the maintenance/repair log-book. New equipment and system installations will in addition to the above requirements also have a twelve (12) month defects liability period, valid from the date of successful commissioning and hand over to the Employer as acceptance by the Service Manager.

All scrapped and/or removed parts and equipment that might be installed elsewhere, or that will not be returned to service again, must remain on site after removal or disassembly of the equipment as they remain the property of the Employer. The Maintenance/Technical Manager of the facility will indicate to the Contractor where to place these items after removal. Removal of any parts and/or equipment for whatever reason from site, may only occur with the written approval to do so by the Maintenance/Technical Manager subject to the rules and regulations that the Employer has in this regard.

#### **GM 2.12 SITE MAINTENANCE RECORD KEEPING**

The Contractor shall provide and maintain hard-cover A4 size maintenance files for each installation for the duration of the Service Period. Copies of all schedules, checklists, breakdown reports, preventative maintenance records, component replacement records, service sheets, etc. shall be filed in these.

An A4 size register book shall be kept for all work performed on the equipment, to state the service technician's name, surname, date of work performed, and a short description of the work performed. This book must be installed on a short chain next to the relevant Operating and Maintenance Manual as per GM 2.7.

Copies of the site maintenance records and all service sheets, shall be submitted to the Service Manager at each monthly meeting, while copies of the service sheets must also accompany all claims and invoices.

Statutory Logbooks must be supplied and maintained on site for all statutory equipment such as pressure vessels, boilers and lifts.

#### **GM 2.13 SERVICE SHEETS**

Every service, repair, test, inspection, etc. related to the maintenance portion of the Contract, shall be fully described on a service sheet which must be completed and signed by the Contractor and attached to the Task Order when it is returned to the Service Manager. The following minimum information shall appear on service sheets:

- The company name and address;

- A unique work sheet serial number;
- The corresponding Task Order unique number;
- The district and health facility names;
- The building/area name or alternatively the building/area code;
- The plant identity code and description;
- The nature of the call, i.e. P1, P2, P3 or P4 (see GM 7);
- A general description of the problem or purpose of the work to be done, alternatively the complaint as received by the Call Centre;
- A statement as to whether the individual system is operational or not in terms of the specification;
- Should the system not be operational (in case of a breakdown) the response time and repair time shall be recorded individually and details of a preliminary service sheet shall be forwarded to the Call Centre Manager;
- The description of the repairs/replacements carried out on each machine/equipment item on that specific system;
- A list of materials used for each machine/component. Where scheduled items are used, only the description can be listed. For non-scheduled items, a copy of the quotation must be attached to the service sheet;
- A detailed report on the extent of the work done together with the total cost involved;
- Suggestions to avoid similar future problems;
- A list of the Contractor's personnel responsible for the work with the date, starting time, completion time, distance travelled, and any accommodation and S&T costs;
- Signature and name of the responsible Employer site technician/artisan/engineer and the Site Representative, confirming the work was completed to the required quality and performance standards, and that the equipment is operational again;
- Signature and telephone number of the User of the equipment or the person who initiated a call or Task Order (if it was a defect, or breakdown).

Service sheets shall also be used for normal routine maintenance services and other non-maintenance activities such as training of the health facility's operating and maintenance personnel and administration duties of heads of firms when managing the Contract.

The Service sheets shall be completed in three categories as follows:

1. **For repairs on machines:** The same data as above must be captured with one service sheet to be completed for each repair (See below for grouping of like type equipment for servicing).
2. **For normal maintenance on an installation:** The same data as above must be captured with one service sheet to be completed for each service (See below for grouping of like type equipment for servicing).
3. **For Administration and Training:** In this case only the name of the Head of the Company is required on the service sheet with no other reference to Building- or Plant codes or machine ID numbers. A full description of the service provided must be included.

Copies of the completed Service Sheet and Task Orders must be attached to all invoices and shall be submitted to the Service Manager for discussions and acceptance.

An example of the Service Sheet is attached to the Contract Documentation as C7.

The standard requirement for normal services carried out on a specific plant is to complete one service sheet for all the equipment within any one building. This standard requirement applies to installations where all such machines can be serviced within a period of approximately five working days, but all equipment serviced must be listed on the service sheet.

For larger installations where the time required for a maintenance service is more than five working days, the machines may be grouped together to form several groups within the building with the provision that each group can be serviced within a period of approximately five working days. One service sheet shall be completed for each group in a building, but all equipment included in the group must be listed on the service sheet.

For smaller installations where the complete installation inside a building can be serviced in less than one working day, the installations in more than one building may be grouped together, but all the equipment covered by the service sheet must be listed.

The definition of the groups must be determined by the Contractor and clearly specified in the Maintenance Control Plan for acceptance by the Service Manager.

## **GM 2.14 VOLTAGE SURGES DUE TO LIGHTING AND OTHER CAUSES**

The area in which most of the sites are situated is known for heavy lightning storms. Damage caused by voltage surges due to lightning, phase imbalance, low and high voltages, power failures, etc. will be dealt with in the same manner as any other breakdown. Contractors are advised to investigate available surge protection systems, if any, on each plant during the Functional Condition Assessment stage, and to decide for themselves whether additional protection will be required or not.

The provision of additional surge protection systems shall form part of the repair activities, if accepted by the Service Manager, and the cost thereof must be allowed for in the Functional Condition Assessment Report.

Contractors may as an alternative provide and install one or more Universal Disturbance

Analysers to record any voltage surges at their own cost. Breakdowns caused by voltage surges which can be proved beyond any doubt will be dealt with in the same manner as operational damage and other normal breakdowns.

### **GM 2.15 SHEQ: SAFETY, HEALTH, ENVIRONMENTAL AND QUALITY**

The Contractor must comply with all the Safety, Health, Environmental and Quality requirements as per C3.2 and GM 3.1, and must provide pricing to cover all the applicable requirements under this specification. The Contractor must take note of any specific Safety, Health and/or Environmental risks that might be highlighted in section SS 13.

### **GM 2.16 HIV / AIDS AWARENESS**

The Contractor must comply with all the requirements as per C3.3, and must provide pricing to cover all the applicable requirements under this specification.

### **GM 3 MAINTENANCE CONTROL PLAN**

The Contractor is responsible to compile a detailed Preliminary Maintenance Control Plan (Annexure I) as per GM 3.2 which he need to submit with his Tender Bid. This plan must contain the details of what maintenance will be done (itemized), how often, what resources will be involved, what spares and consumables will be used, how long it will take to perform the work, and the cost breakdown per service for a specific Asset Type. The Service Manager gave service interval recommendations in Schedule 3, but the Contractor can recommend alternative intervals for consideration and approval by the Service Manager.

After Contract Award the Contractor will be required to expand the Preliminary Maintenance Control Plan to a Health Facility specific plan for each asset type with the assistance of the Service Manager.

#### **GM 3.1 WORK QUALITY**

Maintenance quality control shall be the responsibility of the Contractor who shall introduce a Maintenance Control Plan to assist him in ensuring that all preventative, corrective and breakdown maintenance is performed as described in the Service Information. The Contractor will be responsible to correct any sub-standard work that is discovered after the Contractor has done his work. The rework will be for the Contractor's own account and must be signed off by the Site Representative after completion.

If the Contractor fails to remedy any sub-standard work within the time frame stipulated by the Service Manager, the Service Manager may at his/her discretion appoint another Contractor to execute the repair work. In this case, the replacement Contractor will be paid with the funds that were earmarked for the first Contractor to do the work, and the first Contractor will not be paid for that specific work.

### **GM 3.2 PRELIMINARY MAINTENANCE CONTROL PLAN**

A preliminary version of the Maintenance Control Plan, based on the Asset Inventory Data, must be submitted with the Contractor's Tender bid. This plan is a high-level plan on what maintenance tasks the Contractor will be performing on all the equipment across all Health Facilities covered by the Contract and must be completed on the forms of Annexure I. The information from the Preliminary Maintenance Control Plan will be expanded into that of the final Maintenance Control Plan as specified in Section GM 3.3 below. Details contained in this preliminary Maintenance Control Plan shall include:

1. A Maintenance Schedule containing all the different tasks that will be performed on all the equipment covered by this Contract, and captured on the **Preliminary Annual Equipment Maintenance Schedule** Form contained in Annexure I.
2. A brief Capacity Statement where the Contractor describes his company's capacity and experience that will be applicable to this Contract. This must include a description and location of his home base (workshop/home/bakkie based, number of staff with qualifications and experience, what staff and/or Sub-Contractors will be used to support on the Contract, available tools and/or specialized equipment, transport capacity and where staff will be based, as well as capacity/ability to repair defective equipment (i.e. overhauling a pump or compressor);
3. A detailed **Maintenance Task Planning Sheet** (See Annexure I) for each of the Minor, Major, and other, service activities priced in the Price List. This Maintenance Task Planning Sheet will describe the pricing and details of scheduled maintenance activities to be performed during services conducted as per the recommendations of the **Preliminary Annual Equipment Maintenance Schedule**, and will also be used to populate the respective Task Order. These prices must be all inclusive and must include all labour, service parts, lubricants and consumables, special equipment (if required), accommodation (if applicable) and any travelling and subsistence costs, etc. that might be applicable to do the service. The service price must indicate clearly if more than one piece of equipment will be combined for servicing during a single trip to avoid double payment for Travel and Subsistence related payments by the Employer.
4. The service methodology;
5. Preliminary grouping of equipment for maintenance purposes as per GM 2.13 (if applicable);
6. A breakdown of which sub-Contractors will be used (as per T2.2c), and for what activities, by the Contractor in rendering the services required by this Contract **Sub-Contractors must also be registered on the Treasury Central Supplier Database;**

### **GM 3.3 MAINTENANCE CONTROL PLAN**

One Maintenance Control Plan must be compiled for each Health Facility covered by the Contract. The Maintenance Control Plan shall be based on the Contractor's Preliminary Maintenance Control Plan information, and updated with the findings and data from the Functional Condition Assessment process. The Maintenance Control Plan shall be bound in a neat, A4 sized, ring bound document with a cover page and back cover and an original copy

presented to the Service Manager. The contents of the document shall be indexed.

The Maintenance Control Plan will become the main plan for all work to be done under this Contract, as per the Main Contract Clauses, after the Contract has been awarded.

When the documents are compiled, the Contractor may reproduce relevant paragraphs from any of the specifications forming part of the Contract documents, or Operating and Maintenance Manuals, but should there be any discrepancies between such paragraphs and paragraphs in the Maintenance Control Plan and those in the Contract documents, those in the Contract documents shall be regarded as being correct and shall apply.

The Maintenance Control Plan shall also contain the following in addition to the items listed in Section GM 3.2:

1. Detailed Maintenance Schedule per equipment type, per Health Facility on the **Annual Equipment Maintenance Schedule Asset Specific** Form;
2. Remeasured service quantities for the routine services of Schedule 3 in the Price List, based on actual equipment condition and the ability to perform a service on them or not in their current condition. **The Contractual payments will be based on these remeasured quantities, accepted by the Service Manager, and not on the original Tendered quantities which might have been based on incorrect information at the time;**
3. A risk register containing all the foreseen risks that can have an impact on the cost and/or deliverables of this Contract as per the NEC3 Term Service Contract Standard Contract Clauses numbers 11.2(14), 16.1, and 16.4;
4. A summary of the repair and maintenance work to be carried out in terms of the Contract giving details of the conditions of the various installations at the facility affected by the activities under the Contract.
5. Details of how the Contractor intends to carry out the various types of maintenance work especially breakdown maintenance should breakdowns occur.
6. Details of the procedures agreed upon between the Service Manager and the Contractor on how breakdown calls will be handled (Call Centre process).
7. A list of organisations and persons directly involved with the Contract or whose requirements must be considered during the entire Service Period. Each person's position within his organisation as well as the applicable phone numbers shall be given. (See T2.2c)
8. Details of monthly meetings (dates, times and venues) to be held between the Contractor, Employer Representative and Site Representative.



9. Service Sheets and Reports to be submitted after every routine inspection (a copy of all reports, checklists, breakdown records, etc. for each system of an installation shall be kept on the site in a hardcover file);
10. A priced spare parts list for relevant spares that might be required for repairs and/or breakdowns for each equipment type. The Employer retains the right to negotiate the listed prices based on price comparisons with like type spares prices solicited through the Tender process;
11. A recommended spares list for items that should be held in stock at the facility;
12. Copies of the Repair Schedules from the Functional Condition Assessment process that has been approved to proceed;
13. An updated Cost Forecast of the estimated final total of the Prices for the whole of the services in consultation with the Service Manager at intervals as stated in the Contract Data Clause 20.5;
14. Procedures to address complaints and logged breakdowns.
15. Details of reports in electronic format, summarizing all inspections, together with inspection data such as nature of test, names of persons carrying out tests and inspection results. Detail of repairs and replacements, together with testing of repaired equipment shall also be reflected in this report, and shall be obtained from the service sheets.
16. Assistance to be given to the Service Manager and Engineering Representative with decisions regarding material, equipment and other recommendations.
17. An updated list of the inventory of equipment complete with the ID number (if available), make and model number, serial number, year of manufacture/age and capacity.
18. The Maintenance Control Plan shall be upgraded when its contents are no longer representative of actual conditions.
19. The Contractor shall check the contents of existing Operating and Maintenance Manuals (if available) and shall update or modify them and then incorporate applicable data into his own manuals. Where no manuals exist, the Contractor shall draw up his own Operating and Maintenance Manuals based on the OEM Operating and Maintenance manuals as per the requirements of GM 2.7.
20. The way maintenance data as recorded on service sheets will be captured and processed for submission to the Services Manager, for invoicing, and as part of the maintenance report.

Pertinent data contained in the Operating and Maintenance Manuals may be transferred to the Maintenance Control Plan to make it a document which can be used as an independent

handbook for maintenance work in future.

#### **GM4 COMMUNICATION**

The Maintenance Control Plan (Paragraph GM 3.3) will provide, after agreement between the Contractor and the Service Manager, with the assistance of the Site Representative, for the following communication procedure to be implemented:

1. The Contractor shall establish a telephone and fax line and a cellular telephone connection to ensure that he can be reached at any time.
2. Should the Service Manager determine or suspect that preventative, corrective or breakdown maintenance is required, a call shall be logged through any communication channel available to reach the Contractor as soon as possible. This will be followed up with a Task Order.
3. Maximum down times will be as described in Paragraph GM 7.
4. All breakdown calls from the Health Facility will be reported to the Call Centre who will follow the procedure as detailed in Section GM 2.1.

#### **GM 5 PERFORMANCE MEASUREMENT**

The Contractor's performance shall be measured against the criteria specified in Section X20 of the Secondary Options Clauses of the Contract and C1.2b Annexure CD.

Poor performance by the Contractor will lead to penalties being imposed by the Service Manager as per X17 and C1.2b Annexure CD, and can lead to early termination of the Contract.

#### **GM 6 SPECIAL TESTING OF AN INSTALLATION**

An amount has been allowed in the Price List to cover the cost of additional tests that the Service Manager may request at his own discretion from time to time on the equipment and installations covered by this Contract. The Service Manager will have the sole authority to spend the amount or part thereof under sub-paragraph.

The Service Manager reserves the right to select, at random, component equipment and trade practices to be tested by the Contractor or independent authorities for compliance with specifications as specified in this Contract document.

The Contractor shall provide all equipment, tools and instruments required for such testing.

The Service Manager shall upon completion of the tests or inspections issue an inspection report including any corrective actions (if any) to be taken by the Contractor.

The Contracted markup percentage will be paid to the Contractor on the value of each payment made to the approved testing authority if any special testing is ordered by the Service Manager.

## GM 7 MAXIMUM MAINTENANCE DOWN-TIME

After a breakdown, defect or complaint has been logged the Contractor will be expected to remedy the defect in the system/component with as little delay as possible, notwithstanding the maximum down-time allowed and listed in the following paragraphs or as stipulated in the Task Order. **Should the Contractor not respond within the maximum down-time, the Service Manager may arrange, at the cost of the Contractor, for the necessary repair work to be done by others.**

The Contractor shall respond to a breakdown registration by traveling to the site to evaluate the breakdown (scope of repair work), estimate the realistic cost as well as downtime and provide feedback to the Service Manager and Site Representative to form the basis of a Task Order.

Should the Contractor not be able to complete the required repair work within the maximum down-time period allowed, it shall be his responsibility to obtain extension of down-time from the Service Manager. The written report shall clearly state the reasons for the extension, as well as the actual extension required.

Extension of down-time will only be granted by the Service Manager if:

1. The maximum down-time is unreasonable in relation to the scope of the repair work required.
2. The delivery time of a new component/subassembly/machine or spares required for the repair of the defective component/subassembly does not enable the Contractor to successfully complete the repair work within the maximum breakdown down-time allowed.

Should the actual down-time exceed the maximum down-time, the Contractor shall be penalized as per X17 and C1.2b Annexure CD.

PRIORITY	DESCRIPTION	RESPONSE
P1	Emergency (Life Threatening)	Immediate response from the time of logging a call and the emergency to be resolved (at least temporarily) within 8 hours
P2	Urgent	Immediate response from the time of logging a call and to be resolved within 12 hours
P3	Planned Maintenance Repairs	Scheduled Maintenance is to be scheduled and performed within 3 business days of the scheduled date
P4	Emergency Facility Repairs	7 Days planning and execution subject to supply chain regulations

**Table 1:** Maximum allowable response times

"Maximum down-time" shall mean the period of time allowed to repair a breakdown, and "actual down-time" shall mean the measured period from the instant when the breakdown was reported or located until the installation has been repaired to its functional specification.

A guideline classification for typical P1, P2, P3 and P4 breakdowns for each installation are specified in the Supplementary Specification for each asset type.

The job card (Task Order) issued for the repair will state whether the repair is regarded as P1, P2, P3 or P4 and it will be required of the Contractor to react accordingly.

#### **GM 8 MEASUREMENT AND PAYMENT**

Measurement and payment will be done as per the Secondary Options Clauses of the Contract. See X1, X13, X17, X18, X19 and X20, supplemented by C1.2b Annexure CD.

### **C3.6: HEALTH AND SAFETY SPECIFICATION**

<b>PROJECT NAME</b>	<b>SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) – OR TAMBO AND ALFRED NZO DISTRICT – HEALTH FACILITIES (36 MONTHS)</b>
<b>TENDER No.</b>	<b>SCMU3-23/24-0740-HO</b>

SEPTEMBER 2023

Version 3

## C3.6: HEALTH AND SAFETY SPECIFICATION

PROJECT NAME	SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) - OR TAMBO AND ALFRED NZO DISTRICT - HEALTH FACILITIES
TENDER NO.	SCMU3-23/24-0740-HO

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    - 11.5 Appointment of Competent Site Personnel
    - 11.6 Construction Supervision
    - 11.7 Construction Health & Safety Officer
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  - 12. GENERAL RISK MANAGEMENT**
    - 12.1 Health Risks and Medical Surveillance
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    - 12.8 Personal Protective Equipment (PPE) and Clothing
    - 12.9 Occupational Health & Safety Signage
    - 12.10 Induction of Employees and Visitors, General H&S Training
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12.11 Public and Site Visitor Health & Safety

12.12 Awareness

### **13. MANAGEMENT OF PLANT AND EQUIPMENT**

13.1 Construction Plant

13.2 Plant and Equipment

13.3 Operators

13.4 Machinery and Power Tools

13.5 Portable Electrical Tools / Equipment and Explosive Powered Tools

13.6 Hired Plant and Machinery

13.7 Vessels under Pressure and Gas Bottles

13.8 Hand Tools

13.9 Inspection of equipment and tools

13.10 Ladders and ladder work

13.11 Cranes and lifting equipment.

### **14. WORKING PROCEDURES**

14.1 Site Works and Excavations

14.2 Working at Heights

14.3 Mechanical Installations

14.4 Electrical Work

### **15. AUDITING**

### **16. OCCUPATIONAL HEALTH**

16.1 Communication on Site

16.2 Care of Workers on Site (Welfare)

16.3 Discipline, Alcohol and Substance Abuse

16.4 Rules of Conduct

16.5 Compliance with Rules of Conduct

16.6 Electrical Equipment

### **17. SAFETY RULES WITH RESPECT TO WORK TO HEALTH CARE FACILITIES**

### **18. PROJECT SPECIFIC RISKS**

### **19. PROCEDURES TO MANAGE PROJECT RISKS**

### **20. HEALTH & SAFETY FILE**

### **21. NON-CONFORMANCES**

### **22. MEASUREMENT AND PAYMENT**

**ANNEXURE A - Close Out Report**

**ANNEXURE B - Non-Conformance Report**

**ANNEXURE C - Monthly OHS Report**



**ANNEXURE D - Risk Assessment**

**ANNEXURE E - Guidelines to Health and Safety Bill of Quantities**

**ANNEXURE F - Safety Specification and Baseline Risk Assessment Issue Register**

## **1. INTRODUCTION AND BACKGROUND**

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- 1.1 The Construction Regulations No. 37305 of 7th February 2014 requires the Client to prepare a Health and Safety Specification, with all existing risks identified.
- 1.2 The Eastern Cape Department of Health (ECDoH) is tasked to provide Healthcare operational facilities across the Eastern Cape.
- 1.3 The ECDoH has a responsibility to limit its risk by ensuring a zero tolerance and best practice approach to Contractors and those affiliated to a construction project. Thus, a high premium is placed on the health and safety (H&S) of ECDoH stakeholders, which include its employees, professional service providers, public and its physical assets.
- 1.4 The responsibilities that the Department and relevant stakeholders have toward its employees are captured in, but not limited to this document. The responsibilities stem from both moral, civil and a variety of legal obligations.
- 1.5 The Principal Contractor is to take due cognizance of the above statement.
- 1.6 The ECDoH, as the Client shall provide a project specific Health & Safety Specification (PSHSS) for the project and provide the Principal Contractor/s making a bid or appointed to perform maintenance work for the project, or parts thereof such documentation.
- 1.7 This Health and Safety Specification complies with the Occupational Health and Safety Act No. 85 of 1993 and the Construction Regulations of February 2014.
- 1.8 This Health and Safety Specification is to be used as a management tool to comply with the Occupational Health and Safety Act and its Regulations.

## **2. KEY ROLE PLAYERS**

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### **2.1 CLIENT**

- a) Electrical Engineer
- b) Mechanical Engineer
- c) ECDOH

### **2.2 PRINCIPAL CONTRACTOR**

- 2.2.1 Contracts Manager
- 2.2.2 Maintenance Supervisor
- 2.2.3 Health & Safety Officer
- 2.2.4 Other

## **3. LIST OF ABBREVIATIONS**

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AAIA	Approved Asbestos Inspection Authority
AIA	Approved Inspection Authority
BoQ	Bill of Quantities
CC	Compensation Commissioner
CR	Construction Regulations
DMR	Driven Machinery Regulations
DoL	Department of Labour
FEMA	Federated Employers Mutual Association
GAR	General Administration Regulations
GSR	General Safety Regulations
HCSR	Hazardous Chemical Substances Regulations
HIRA	Hazard Identification Risk Assessment
H&S	Health and Safety
ER	Engineer's Representative
LI	Labour Intensive
OH	Occupational Health

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OHSA	Occupational Health and Safety Act No. 85 of 1993 (as amended)
OHSS	Occupational Health and Safety Specification
PSHSS	Project Specific Health and Safety Specification
PC	Principal Contractor
PPE	Personal Protective Equipment
SANS	South African National Standards (Authority)
SDS	Safety Data Sheet
SMME	Small, Micro, Medium Enterprise
SWP	Safe Work Procedure

#### **4. DEFINITIONS**

The definitions used will be those set out in the Regulation Gazette N0 37305 of 7<sup>th</sup> February 2014 with the following additions:

##### **4.1 Client:**

The Superintendent General, Department of Health of the Province of the Eastern Cape.

##### **4.2 Hazard:**

Source of exposure to danger.

##### **4.3 Hazard Identification and Risk Assessment (HIRA) and Risk Control:**

Means a documented plan, which identifies hazards, assesses the risks and details the control measures and safe working procedures which are to be used to mitigate and control the occurrence of hazards and risks during construction or operation phases.

##### **4.4 Health and Safety Agent:**

Means any person who acts as a representative for the Client in managing the overall health and safety work as their responsible person.

##### **4.5 Health and Safety Plan:**

Means a documented plan which answers to the Project Specific Health and Safety Specification; including all the supporting documentation that indicate how the Principal Contractor or Contractor plans to manage H&S for the duration of the Contract.

##### **4.6 Induction Training:**

Means once off introductory training on general health and safety issues given to all employees and visitors to the site before commencement of work on site.

##### **4.7 Risk:**

Means the probability or likelihood that a hazard can result in injury or damage.

##### **4.8 Regulation/s:**

Shall mean the relevant regulation/s promulgated in terms of the Occupational Health and Safety Act, No. 85 of 1993 and the Construction Regulations No. 3705 of 7<sup>th</sup> February 2014.

##### **4.9 Site:**

Means the area in the possession of the Principal Contractor for the construction of the works. Where there is no demarcated boundary it will include all adjacent areas, which are reasonably required for the activities for the Principal Contractor and approved for such use by the Designer.

4.10 **The Act:**

Means, unless the context indicates otherwise, the Occupational Health and Safety Act, No. 85 of 1993 and Regulations promulgated thereunder, as amended.

## **5. KEY REFERENCES**

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5.1 Occupational Health and Safety Act No. 85 of 1993 and Regulations (as amended).

5.2 Compensation for Injury and Occupational Diseases Act No. 100 of 1993 (as amended)

5.3 The Preferential Procurement Policy Framework Act 2000 and the Preferential Procurement Regulations 2017, the General Conditions of Contract (GCC)

5.4 Construction Regulations No. 37305 of 7<sup>th</sup> February 2014

5.5 SANS Code 10400 and others that are applicable.

## **6. PURPOSE OF THE PROJECT SPECIFIC HEALTH AND SAFETY SPECIFICATION (PSHSS)**

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6.1 The PSHSS is a performance specification to ensure that the Client and any bodies that enter into formal agreements with the Client Viz. Professional Service Provider and the Principal Contractors achieve an acceptable level of OHS performance.

6.2 To assist in achieving compliances with the Occupational Health and Safety Act No. 85 of 1993 and its applicable legislation to, as far as is practical, reduce or eliminate incidents or injuries.

6.3 No advice, approval of any document required by the PSHSS, such as hazard identification and risk assessments, or any other form of communication from the Client shall be construed as acceptance by the Client of any obligation that absolves the Principal Contractor from achieving the required level of performance and compliance with legal requirements.

6.4 Furthermore, there is no acceptance of liability by the Client, which may result from the Principal Contractor failing to comply with the PSHSS, i.e. the Principal Contractor remains responsible for achieving the required performance levels.

6.5 A Mandatary Agreement in terms of Section 37.2 of the OHSA will be signed between parties prior to any works commencing.

6.6 The PSHSS highlights the aspects to be implemented over and above the minimum requirements of current legislation.

6.7 Requirements may be changed should new risks or issues are identified that could not have been foreseen during the design phase of the project, or during the construction phase. Any new legislation or

standards (legislated or determined by the (ECDoH) that are promulgated or accepted during the contract will automatically be applied.

6.8 Environmental management shall receive due attention as per the requirements of the Environmental Management Act.

6.9 The Contractor shall use this Specification as a basis for the drafting of his and any Subcontractors' Health and Safety Plans.

6.10 The Specification sets out the requirements to be followed by all Contractors so that the Health and Safety of all persons who may be affected by the Project will receive proper priority.

6.11 The Project Specific Risks that have been identified have been tabulated in Section 18 of this Specification.

## **7. IMPLEMENTATION OF THE PROJECT SPECIFIC OCCUPATIONAL HEALTH AND SAFETY SPECIFICATIONS (PSHSS)**

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7.1. The project specific H&S specification (PSHSS) forms an integral part of the Contract, and PC is required to make it an integral part of their Contracts with Contractors and Suppliers.

7.2. A PSHSS will be available for each level of Contract and Contractor and must be complied with.

7.3. This specification must be read in conjunction with the OHSA, Regulations thereto (as amended) and any other standards relating to work being done and ensure compliance thereto.

7.4. The information relative to the scope of the project, the works etc. are detailed in the tender, are to be considered when developing the H&S plan and associated documentation.

7.5. The summary of risks is included in Section 18 of the PSHSS.

7.6. The OHSA S.37.2 Mandatory Agreement must be fully completed by the PC, supplied by the Client.

7.7. No work may commence without written approval of the H&S plan by the client of client's Agent.

7.8. Should there be any changes in the contract, or change in the scope of works, an amended PSHSS may be issued.

a) Where amended PSHSSs are issued, the PC will be required to ensure a resubmission of an amended H&S plan for approval.

b) Further to this, the PC must ensure that similar information must be provided as it applies to the works to all their Contractors, within 5 working days following notification thereof of such changes.

7.9. The Client will visit the project as deemed necessary to ensure compliance and limit risk.

a) All activities on the site and all appropriate documentation will be monitored.

7.10. Non-conformances will be issued and penalties or work stoppage will be issued where appropriate.

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7.11. The Contractor must forward a copy of the Health and Safety plan to all Subcontractors to enable them to prepare their own Health and Safety plans.

## **8. APPLICATION**

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- 8.1. This Specification is a compliance document drawn up in terms of the Occupational Health and Safety Act No. 85 of 1993, and the Construction Regulations of February 2014, and is therefore binding on the Contractor as well as the Client.
- 8.2. All Contractors are to comply with the conditions of this Health and safety Specification.
- 8.3. All Direct Contractors carrying out work on behalf of the Eastern Cape Department of Health, are also required to comply with the conditions of this Health and Safety Specification.
- 8.4. All staff and representatives of, Eastern Cape Department of Health, who visit the site are required to comply with the conditions of this Health and Safety Specification.
- 8.5. Facility is also required to comply with the conditions of this Health and Safety Specification.
- 8.6. Facilities staff and everyone who visit the site is required to comply with the conditions of this Health and Safety Specification.

## **9. REQUIREMENTS AT TENDER STAGE**

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9.1. **Adequate pricing for H&S is required, and the appropriate section in the BoQ is to be completed.**

- a) Failure to do so could result in the Tender being regarded as non-responsive.

## **10. GENERAL REQUIREMENTS**

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### **10.1. Summary of Risks identified during Design.**

- a) At the onset the Professional Service Provider will identify any Project Specific hazards or risks that may affect the work.
- b) These hazards or risks are listed under section 18 of this Specification.
- c) Tenderers are also advised to notify the client of any other risks or hazards that have not previously been identified.
- d) These risks are to be recorded and a recommended procedure for addressing each item agreed on and recorded.
- e) The Contractor is to conduct inspections of all tools and equipment before the commencement of the works and at least once a week during the works.
- f) The Contractor shall ensure that all Contractors and workers are informed, instructed and trained by a competent person regarding any hazards, risks and related safe work procedures as part of the Induction process before any work commences and thereafter at regular intervals as the risks change and as new risks develop.
- g) Proof of this training must be kept for inspection by the Client or Client's Representative.
- h) The Contractor shall be responsible for ensuring that all persons who could be negatively affected by the operations are informed and trained according to the hazards and risks and are conversant

with the safe working procedures, control measures and other related rules (toolbox talk strategy to be implemented).

- i) The format used for the risk assessment must make provision for the following information;
- Reference Number
  - Project Name
  - Identification of task assessed.
  - Date
  - Risk assessment team & designation.
  - Approval of risk assessment team.
  - Risk rating with matrix
  - Review date
  - Task steps
  - What can go wrong (Hazard)
  - The result (Risk)
  - Risk rating
  - Preventative Action (Control Measures)
  - The format The Principal Contractor is to ensure that all Hospital Staff and Management personnel that will be affected by the works are fully informed of the risks and hazards associated with the works.

## **10.2 Specified Hazardous Chemical Substances**

- a) Where the PC is likely to supply the product as the product has not been specified, safety data sheets (SDSs) need to be considered prior to all selections.
- b) Hazardous and potential situations

The Principal Contractor shall immediately notify other Subcontractors as well as the Client of any hazardous or potentially hazardous situations that may arise during performance of construction activities.

## **11. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT**

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### **11.1. Scope**

The Specification covers the requirements for eliminating and mitigating incidents and injuries for the **SCHEDULE MAINTENANCE OF GENERATORS AT CLUSTER ONE (1) - OR TAMBO AND ALFRED NZO DISTRICT - HEALTH FACILITIES**

- a) The scope addresses legal compliance, hazard identification, risk assessment, risk control, and promoting a Health and Safety culture on the project.
- b) The Specification also provides for the protection of those persons other than employees.

### **11.2. Scope of Works**

This specification is for schedule maintenance of generators at cluster one (1) – OR Tambo and Alfred Nzo district - health facilities (**Please see the tender document for a detailed scope of works**).

Details of the work required shall be as listed in the Price Lists which have been sub-divided into the following categories:

**SCHEDULE 1:** FIXED CHARGE AND VALUE RELATED ITEMS APPLICABLE TO ALL WORK

**SCHEDULE 2:** FUNCTIONAL REPAIR SCHEDULE

**SCHEDULE 3:** MAINTENANCE SERVICE SCHEDULE

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**SCHEDULE 4:** TERM REPAIRS SUBJECT TO APPROVAL OF QUOTATION FOR THE WORKS

**SCHEDULE 5:** EQUIPMENT REPLACEMENT COST SCHEDULE

### **11.3. Structure and Organization of H&S Responsibilities**

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Principal Contractor to provide a proper OHS organogram.

#### **11.4. Notification of Construction Work**

- a) There is no need for notification of construction since this is a maintenance project.

#### **11.5. Health and Safety Plan Framework**

- a) The H&S aspects related to the project outlined in the previous sections are to be considered when drawing up the H&S Plan.
- b) The PC is required to demonstrate competence by providing an H&S system that will address the requirements of the project.

### **11.6. Appointment of Competent Personnel**

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- a) The CEO (OHSA S16.1) of the PC will take overall responsibility for the appointment of competent staff for the duration of the project. Should the CEO not be personally involved in the project, the H&S responsibilities are to be delegated to the Site Agent (OHSA 16.2). Knowledge and training in H&S is required, and certificates indicating H&S training as well as experience to be included in CVs.
- b) All other legal appointments are to be made with relevance to the type of work required and kept current with the project programme.

### **11.7. Contracts Supervision**

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- a) Competent Contracts manager will be appointed to manage part or all the works and have training and/or experience in the area of responsibility. All site supervisors must show evidence of appropriate training in H&S, and an understanding or training in areas of responsibility (i.e., risk assessments, method statements etc.).
- b) Curriculum Vitae (CVs) are to be submitted for approval by the Client or client's Agent.
- c) The Manager will be held responsible for the safety of working teams and subordinates, housekeeping and any other health and safety risks on site.

### **11.8. Health and Safety Management**

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- a) The PC will employ at least one competent, H&S Officer the duration of the contract.
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- b) The H&S Officer CVs and competency certificates must be submitted for approval to the H&S Agent or the Client.
- c) The officer will be required to compile a monthly report, see Annexure A.
- d) In the case the contract becomes subcontracted, the H&S Officer must have a competence to evaluate the Contractors Health and Safety plans.
- e) The maintenance supervisor may not act as the H&S Officer.
- f) The H&S Officer will be held.
  - 11.8.f.1. Senior site staff and supervision, Contractors are to follow systems, instructions etc, given by the H&S Officer at all times;
  - 11.8.f.2. No new workers or Contractors may commence work without approval or following the H&S plan as submitted, and
  - 11.8.f.3. No inductions of Contractor staff until the H&S documentation is approved by the H&S Officer.
- g) A monthly report of all H&S activities and incidents is required by the end of the first week of each month, or at a date agreed to by the client and the contractor.
  - 11.8.g.1. A list of the typical aspects that should be provided is available as Annexure B to this document.
  - 11.8.g.2. The PC is to ensure that all Contractors documentation follows the same requirements and closed out H&S documentation must be completed and be available with the close out of the main contract.
  - 11.8.g.3. Failure to do so will be considered a serious offence and penalties applied.

#### **11.9. Health and Safety Representatives and H&S meetings**

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- a) H&S Representatives representing workers and Contractors are to be appointed following the start-up of the project, irrespective of the number of workers on site.
- b) The appointed H&S Representatives are to be actively involved with H&S and will assist the H&S Officer and site management in meeting legislative duties.
- c) The H&S Officer shall further ensure that H&S is discussed at all internal production or progress meetings.
- d) Issues arising from the clients audits are to be discussed, as well as all H&S related issues.
- e) Minutes are to be kept for all H&S interventions and meetings. Failure to do so will be deemed to be a moderate offence.
- f) Every team that is allocated to a site should have someone competent to manage safety (Incident investigation/ daily risk assessment/ and feedback on other risk associated found)

#### **11.10. Appointment of Competent Contractors**

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- a) The Principal Contractor is to ensure compliance with the Client's minimum standards and all legislative requirements.

11.10.a.1. All competent persons shall have the knowledge, experience, training, and qualifications specific to the work they have been appointed to supervise, control, and carry out.

- b) The Principal Contractor is responsible to ensure that competent Contractors are appointed to carry out maintenance work.
- c) The same H&S standards required of the PC are to be applied to all Contractors.
- d) An index of all Contractors and Suppliers is to be on file and kept updated at all times.
- e) Where the ECDoH appoints Direct Contractors or uses the Maintenance staff to carry out works in the site area, the ECDoH is to ensure that the appropriate competent persons are responsible for supervising & controlling the work being undertaken.
- f) The PC is to ensure there is sufficient funding for H&S compliance by each Contractor.
- g) The following minimum aspects are applicable to any Contractor appointed:

11.10.g.1. Mandatory agreements in place

11.10.g.2. Letter of Good Standing

11.10.g.3. Method statements and risk assessments

11.10.g.4. Available information relative to:

11.10.g.4.1. Load testing and registers for cranes or lifting devices where there's new installation.

11.10.g.4.2. Medical certificates of fitness

11.10.g.4.3. Safety data sheets (SDSs)

- h) Failure to provide written approval of H&S documentation will be considered a serious offense, and could result in aspects of, or all the activities being stopped, and penalties implemented.

## 12. GENERAL RISK MANAGEMENT

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### 12.5. Health Risks and Medical Surveillance

12.1 All permanent workers (including those of Contractors) are required to be in possession of a medical certificate of fitness issued by a registered Occupational Medical Practitioner prior to commencing work. Medical surveillance will commence at pre-employment.

12.2 All workers (including Contractors) are required to be in possession of a medical certificate of fitness prior to commencing work.

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- a) Employees required to perform work at heights or from fall risk position must be medically fit to perform such work, such employee's medicals must specify "Fall Risk" or "Working at heights" in the exposure section of the annexure 3 template. Where applicable,
- b) Annual medical surveillance is required (unless identified as being required more frequently), as well as an exit medical.
- c) Arrangements for keeping medical records for the required time are to be noted.
- d) It is preferable that the PC has a medical surveillance plan.
  - 1. Where work is performed at a TB Hospital we need:
    - a. Proper ventilation when working in confined areas.
    - b. FFP2 Mask to be worn when working near patients' areas.
    - c. Medicals must be done for all with Lung function test as a must.
  - 2. Where working in Forensic facilities:
    - a. All employees working in areas where they might be exposed to body fluids must be vaccinated against Hepatitis B.
  - ii. Failure to do so will be considered a serious offence.

## 12.5. General Environmental Conditions

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- a) Compliance with the Environmental Regulations (as amended) as well as the Environmental Management Act, among others is required.
- b) Environmental monitoring of ventilation, lighting and dusts may be deemed to be required by the Approved Inspection Authority used to measure the environment.
- c) Copies of the relevant reports and actions taken in respect of these are to be placed in the H&S file.
- d) Any spillages of substances which could be toxic to persons and the environment must be dealt with adequately. The Contractor must include his spillage removal system in the OHS Plan. (spill kit to be carried with every bakkie)

## 12.6. Noise Risks

- a) All plant and vehicle from plant hire companies (suppliers) or that of the PC is to be compliant with the Noise Induced Hearing Loss Regulations.
- b) Plant identified that has not been tested and marked for noise emissions will result in having to be tested at the Contractors or PCs expense.

12.6.b.1. Failure to do so within a reasonable time will result in such plant/vehicle being removed from site.

- c) Audiometric testing of all workers is noted as required in the medical surveillance programme for all permanent workers prior to work commencing.

12.6.c.1. Temporary labour working in identified noise areas will require testing if the noise levels are indicated on plant or through processes as greater than 85dB.

12.6.c.2. Audiometry records are to be available in the H&S file.

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- d) Suitable SANS approved hearing protective equipment shall be issued and worn where noise levels are identified as equal to or greater than 85 db.

12.6.d.1. Failure to do so will be considered a serious offence.

#### 12.7. **Emergency Procedures**

- a) The Principal Contractor must prepare a detailed emergency procedure manual for approval by the Client prior to commencement of work on the site.
- b) It is advised that the system should be simple and easy for any worker to follow.
- c) The plan may be adapted should new information or risks are identified.
- d) The procedures for dealing with the emergency evacuation of staff must be agreed upon with the Facility Management.
- e) All teams should have knowledge and skills for emergency (Per Bakkie Designation)

#### 12.8. **First Aiders and First Aid Equipment**

- a. Competent, trained First Aider is to be formally appointed for the project.
- b. At least one worker is to be trained to level 3.
- c. First aider is to be available at all times and be able to cover each working team.
- d. Appropriately stocked first aid kits are to be available at all times and to assure continual availability and access on site.

#### **12.9 Fires and Emergency Management**

- a. Attention to emergency planning and procedures is very important.
- b. The full emergency plan must form part of the supporting documentation with the H&S Plan.
- c. It is advised that the system should be simple and easy for any worker to follow.
- d. The plan may be adapted should new information or risks are identified.
- e. First aiders shall be available in each working team and be able to work as a team when responding to any emergency on the project.
- f. The procedure shall detail the response plan in relation to the works, and include at least (but are not limited to) the following key elements:
- g. Appointment of a competent emergency response co-ordinator.
- h. Fire Fighting equipment to be supplied per vehicle and a competent person per bakkie to be able to have fire training.

#### **12.11 Incident Management and Compensation Claims**

- a. The PC will ensure there is a management system to investigate all incidents.
- b. All serious incidents involving any form of disabling injury or fatality are to be reported to the Client immediately.
- c. This shall be confirmed in writing following the incident.
- d. Full details are to be included in each site meeting or when the Client visits site.
- e. A summary of incidents is to be included in the monthly report.
- f. Failure to comply with emergency provisions will be considered a serious offence, and the operation or project may be stopped if deemed inadequate for the work at the time of assessment or site inspection.

g. Per team all employees to have knowledge of above

12.12. **Personal Protective Equipment (PPE) and Clothing**

- a) The PC is to provide a procedure as an addendum to indicate how PPE is managed within the Company.
- b) The wearing of the identified SANS approved PPE at all times is non-negotiable.
- c) The PC shall ensure that all workers (Including Contractors) are issued with and shall wear as required; the first 3 items are mandatory for all workers:
  - 12.12.c.1. Protective footwear.
  - 12.12.c.2. Reflective jackets (no bibs).
  - 12.12.c.3. Overalls that ensure worker visibility
  - 12.12.c.4. Eye protection;
  - 12.12.c.5. Hearing protection;
  - 12.12.c.6. Respiratory protection (minimum of FFP2), and
  - 12.12.c.7. Any other necessary PPE identified from SDSs and/or risk assessments.
- d) Adequate quantities of PPE shall be available. This shall include necessary PPE for visitors. The procedures for managing PPE are to be in a formal procedure submitted with the H&S plan for approval.
- e) Failure to comply will result in penalties being applied.

12.13. **Occupational Health and Safety Signage**

- a) On-site H&S signage is required.
  - 12.13.a.1. Signage shall be posted up at temporary working areas, or other potential risk areas/operations.
  - 12.13.a.2. These signs shall be in accordance with the requirements of the General Safety Regulations or SANS requirements as amended.
  - 12.13.a.3. Signage is to be noted on the site drawings indicating where fixed/temporary signage is required.
- b) Temporary signage is to include (but not be limited to) the following:
  - 12.13.b.1. "Warning: Construction Site – Keep out" or similar.
  - 12.13.b.2. 'First aid box positions (including vehicles); and where one is working.
  - 12.13.b.3. Fire extinguishers.
- c) Signs shall be posted at areas of work on site indicating that a construction site is being entered and that persons should take note of H&S requirements.

- d) The Contractor shall establish a system for controlling and recording entrance to the Site office and camp area.
- e) Failure to comply will result in penalties being applied.

12.14. **Induction of Employees and Visitors, General H&S Training (to be done at contractor's office/ workshop)**

- a) A formal induction programme is to be submitted as an addendum for approval with the H&S plan.
- b) Pre-task training is required to ensure workers are familiar with the risks and H&S measures of the work or tasks to be done.
  - 12.14.b.1. Such training is to be done at least weekly.
  - 12.14.b.2. Records of inductions and pre-task training are to be kept in the H&S file.
- c) Any person found on site without proof of induction will be removed from site until the proof is supplied and, and a penalty issued per non-compliance.

12.15. **Public and Health and Safety**

- 12.15.a.1. The Contractor shall ensure that each person working on or visiting a site, and the surrounding community, shall be made aware of the dangers likely to arise from onsite activities and the precautions to be observed to avoid or minimize those dangers. Appropriate health and safety signage shall be posted at all times.
- 12.15.a.2. Warning notices are to be provided at the main entrance to area of works to each hospital facility, notifying that construction work is taking place within the existing buildings.
- 12.15.a.3. Hoardings are to be inspected daily and monitored during working hours.

12.16. **Awareness and training**

- a) The Principal Contractor shall ensure that periodic toolbox talks take place at least once per week at workshop or office area.
  - 12.16.a.1. These talks should deal with risks relevant to the construction work at hand.
  - 12.16.a.2. A record of attendance shall be kept in the Health & Safety File.
  - 12.16.a.3. All Contractors must comply with this minimum requirement.
  - 12.16.a.4. At least one of the Toolbox talks shall include an environmental related issue.
- b) The Principal Contractor is to ensure that the facility Management & Staff are kept informed of any change in the situation regarding the risks and hazards relating to the construction work on the site.

## 13. MANAGEMENT OF PLANT AND EQUIPMENT

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### 13.12. Construction Plant (where necessary)

- a) Construction Plant includes all types of plant including but not limited to, cranes, piling rigs, excavators, road vehicles, and all lifting equipment.
- b) The Principal Contractor shall ensure that all such plant complies with the requirements of the OHS Act 85/1993 and Construction Regulations 2014
- c) The Principal Contractor and all relevant Subcontractors shall inspect and keep records of inspections of the construction plant used on site.
- d) Only authorised/competent (certified) persons are to use machinery under proper supervision.
- e) Appropriate PPE and clothing must be provided and maintained in good condition at all times.
- f) Proof of medical evaluations as required by the Construction regulations is available for inspection by the Client.

### 13.13. Plant & Equipment

- a) Close control of plant and equipment is required, including that of Contractors.
- b) Regular monitoring of all plant and equipment is required prior to commencing work.
- c) Full lists of hired and own plant are to be available at the H&S Agent's/Client audit.
- d) All daily inspection records are to be kept in the H&S file where plant and equipment is brought on to site.
- e) Registers are not to be more than 1 week behind.

### 13.14. Operators

- a) Only competent, fit plant operators are to be used.
- b) Medical certificates of fitness are required for all operators.
- c) Operators are to be adequately trained and certified to operate mobile cranes or crane trucks.

- d) Certificates and registers are to be placed in the H&S file.
- e) Failure to do so will be considered a serious offence.

13.15. **Machinery and Power Tools**

- a) Only authorized competent persons are to operate machinery and power tools.
- b) Appropriate PPE and clothing must be provided, used and maintained.
- c) No unsafe / dangerous equipment or tools may be brought onto, or used, on the site.
- d) The Client / PSP reserve the right to inspect all tools and equipment at any time and to prevent / prohibit their use, if found to be unsafe, without any penalty to the Client and without affecting the terms of the contract in any way.
- e) The Contractor may not use any machinery or power tools belonging to the Hospital.

13.16. **Portable Electrical Tools/Equipment and Explosive Powered Tools**

- a) The Principal Contractor shall ensure that use and storage of all explosive powered tools and portable electrical tools are in compliance with relevant legislation.
- b) The Principal Contractor shall ensure that all-electrical tools, electrical distribution boards, extension leads, and plugs are kept in safe working order.
- c) The Principal Contractor is to ensure that extension cables and temporary power supplies do not impede access ways or escape routes.
- d) Regular inspections and toolbox talks must be conducted to make workers aware of the dangers and control measures to be implemented e.g. personal protection equipment, guards, etc.
- e) The Principal Contractor shall ensure the following:
  - 13.16.e.1. A competent person undertakes routine inspections and records are kept.
  - 13.16.e.2. Only authorised trained persons use the tools.
  - 13.16.e.3. The safe working procedures apply.
  - 13.16.e.4. Awareness training is carried out and compliance is enforced at all times.
  - 13.16.e.5. PPE and clothing is provided and maintained.
  - 13.16.e.6. Electrical cables must be free from any damage.
  - 13.16.e.7. Electrical tools & equipment may not be exposed to water.
  - 13.16.e.8. Signs to be posted up in the areas where explosive powered tools are being used.

**(WARNING - EXPLOSIVE POWERED TOOL IN USE - KEEP CLEAR).**



13.16.e.9. That prior arrangement is made with the facility Maintenance Supervisor before any explosive powered tools are used.

13.17. **Hired Plant and Machinery (where applicable)**

- a) The Principal Contractor shall ensure that any hired plant and machinery used on site is safe for use.
- b) The necessary requirements as stipulated by the OHS Act 85/1993 and Construction Regulations (February 2014) shall apply.
- c) The Principal Contractor shall ensure that operators hired with machinery are competent and that certificates are kept on site in the health & safety file.

13.17.c.1. This includes medical certificates of fitness to operate construction vehicles and appointment of the operator.

13.17.c.2. All relevant Subcontractors must ensure the same.

- d) Inspections must be recorded by each operator.

13.17.d.1. A copy of the machines service logbook & planned maintenance schedule must be supplied with the machine.

- e) Operators must be trained on the relevant risk assessments and safe working procedures.
- f) The hired plant company must provide proof of registration with Workman's Compensation or FEM before delivery of plant to site.
- g) The Hire Company must be required to sign a 37(2) Mandatory Agreement with the hire company before commencing with work. (Applicable if an operator is supplied with the machine.

13.18. **Vessels under Pressure and Gas Bottles**

- a) The Principal Contractor and all relevant Subcontractors shall comply with the Vessels under Pressure Regulations, including:

13.18.a.1. No smoking or naked flame signs posted as well as sufficient firefighting equipment.

13.18.a.2. Cylinders must be stored in rows with aisles in between for easy removal in event of a fire.

13.18.a.3. Different types of gasses will be stored separately in an upright position, separately secured and the type of gas displayed identified with appropriate signage.

13.18.a.4. Before a cylinder is moved without suitable truck or trolley, the cylinder valve will be closed, and the regulator removed.

13.18.a.5. Only approved cylinder crates/cradles will be used.

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- 13.18.a.6. Cylinders may not be transported with magnet cranes.
  - 13.18.a.7. Cylinders may never be used as rollers, even if they are marked empty.
  - 13.18.a.8. Cylinders may never be exposed to electrical circuits, e.g. welding leads. Never strike an arc on a cylinder.
  - 13.18.a.9. Cylinders must be protected from direct sunlight or areas that could cause the cylinder to overheat.
  - 13.18.a.10. Oxygen cylinders must be stored at least 5m away from other flammable gas cylinders.
  - 13.18.a.11. Flashback arrestors must be fitted to the torch and the cylinder.
  - 13.18.a.12. Empty cylinders must be marked as such and removed from site after use.
  - 13.18.a.13. Cylinders may only be allowed on site in an approved trolley, properly secured and with a 1.5kg dry powder fire extinguisher within 2m of the cylinder.
  - 13.18.a.14. Visual inspections will be done by the appointed HCS Controller to ensure that substandard vessels are not delivered and stored on site.
  - 13.18.a.15. Hot works permit to be used in conjunction with welding.
  - 13.18.a.16. Pressure vessels must have a certificate of manufacture as well as a service inspection test certificate issued at intervals not exceeding 36 months. These certificates will need to be submitted to the Safety Department on site.
- 13.19. **Hand tools**
- a) No handmade or damaged tools may be used on site.
  - b) The Principal Contractor needs to exercise control over all contractors on site.
  - c) Hand tools may only be used for its intended purpose.
  - d) A competent person must be appointed to inspect hand tools monthly.
  - e) Inspections need to be recorded on a register and each tool identified with a unique number.
- 13.20. **Inspection of equipment and tools.**
- a) The following items of equipment must be inspected weekly and maintained, and appropriate records kept. Where applicable.
    - 13.20.a.1. Vehicle to inspected Daily (before leaving office)
    - 13.20.a.2. First Aid dressing registers
    - 13.20.a.3. Fire equipment
    - 13.20.a.4. Lifting equipment
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- 13.20.a.5. Lifting Gear
- 13.20.a.6. Portable electrical equipment
- 13.20.a.7. Stacking and storage inspections
- 13.20.a.8. Explosive power tools
- 13.20.a.9. Hazardous Chemical Substances (HCS)
- 13.20.a.10. Materials hoists (where applicable)
- 13.20.a.11. Pressure Vessels
- 13.20.a.12. Ladders
- 13.20.a.13. Excavations
- 13.20.a.14. Safety harnesses
- 13.20.a.15. Scaffolds - static and mobile.
- 13.20.a.16. Pneumatic tools
- 13.20.a.17. Construction vehicles and mobile plant.
- 13.20.a.18. Health and Safety Representatives checklists.

**13.21. Ladders and ladder work where applicable**

- a) The Principal Contractor shall appoint a competent person in writing to inspect all ladders monthly and record such findings in a register.
- b) Ladders are to extend one meter above a landing and must be secured at the top and have a secure, non-slip base.
- c) All ladders that do not comply with Health and Safety standards are to be removed from the site immediately.

**13.22. Cranes and lifting equipment. (Where Applicable)**

- a) Should any form of lifting device or crane (fixed or mobile) be used during the project for deliveries, moving of supplies or equipment, the appropriate documentation must be made available.
- b) The Principal Contractor and all Contractors shall ensure that lifting machinery and tackle is inspected before use and thereafter in accordance with the Driven Machinery Regulations and the Construction Regulations (section 20).
- c) Method statements, risk assessments, safe work procedures and training are to be available prior to work commencing.
- d) A procedure for managing loads and lifting must be made available as an addendum to the H&S Plan.
- e) There must be competent lifting machinery and tackle inspector who must inspect the equipment daily or before use, considering that:

- f) All lifting machinery has a safe working load clearly indicated.
- g) All lifting equipment is clearly marked with a unique number and safe working load.
- h) Regular inspection and servicing is carried out:
  - 13.22.h.1. Lifting Machinery load test – every 12 months
  - 13.22.h.2. Lifting Machinery Inspection & service – every 6 months
  - 13.22.h.3. Lifting Tackle Load test – every 12 months
  - 13.22.h.4. Lifting Tackle Inspections – every 3 months
- i) Records are kept of inspections and of service certificates.
- j) Any plant or slings used to lift plant or material requires annual load testing by an AIA, and all certificates must have the testers LMI/E number.
- k) There is proper supervision in terms of rigging & guiding the loads that includes a trained banks man to direct lifting operations and check lifting tackle.
- l) The operators are competent as well as physically and psychologically fit to work and in possession of a medical certificate of fitness to be available on site.

#### 14. WORKING PROCEDURES

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##### 14.12. **Site Works and Excavations not applicable in this contract.**

- a) A competent person is to be appointed in writing to supervise the Site Works and Excavations.
- b) A method statement on the procedures relating to the diversion of existing services and the maintenance of services to the existing facilities is to be agreed between the Contractor and the Principal Agent prior to the commencement of the work.
- c) The Contractor is to ensure Risk Assessments & Safe Working procedures have been communicated to the workers before any work is commenced.

##### 14.13. **Working at Heights**

- a) A fall protection plan is to be available and supplied as an addendum to the H&S plan.
  - 14.13.a.1. The fall protection plan must be appropriate for the project.
  - 14.13.a.2. Method statements, appropriate risk assessments, safe work procedures and training are to be available prior to work commencing.

##### 14.14. **Mechanical installations**

- a) All mechanical installations are to be carried out in conformity with the manufacturer's instructions.
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- b) Method statements and risk analyses must be compiled for each type of installation.
- c) A competent person must be designated to supervise the work.

#### 14.15. **Electrical work**

- a) In addition to the requirements of the Electrical Machinery Regulations and the General Machinery Regulations any electrical distribution board used for construction work shall be fitted with suitable earth leakage protection.
- b) Leads must be properly and firmly connected.
- c) Plugs and sockets shall be in good and safe condition.
- d) All electrical apparatus, other than electrical hand tools, shall have a physical “lock out” system which will prevent any operation other than that authorized by a supervisor.

14.15.d.1. A “lock out” sign shall be displayed when the apparatus is not in use.

- e) Method statements and safe work procedures will be required for all work involving electrical apparatus.

### 15. **AUDITING**

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- a) Frequency of external auditing by the Client or client’s agent will be as agreed with the contractor but will at least conform to the requirements of the Construction Regulations.

15.12.a.1. The site will be inspected, and the documentation audited relative to the activities and H&S plan.

15.12.a.2. The H&S Officer of the PC must assist the Client, on all audits and inspections.

15.12.a.3. Not all audits will be, or need be announced.

15.12.a.4. Full compliance is required. Time limits for corrective actions will be set and must be adhered to.

- b) Failure to address findings or non-conformances will be considered a serious offence.

### 16. **OCCUPATIONAL HEALTH**

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#### 16.12. **Communication**

- a) All H&S communication during the project between the Client and the PC will be done in writing, including the issue and responses to non-conformances and H&S audit results.
  - b) Failure to address issues timeously will be considered a serious offence.
  - c) To be done at DEPOT/ OFFICE before getting to premises.
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### 16.13. Care of Workers on Site (Welfare)

- a) Clean, safe drinking water.
- b) Provision for hand washing facilities to be arranged with facilities.
- c) Arrangements made where existing facilities are shared with existing users must be made in writing and placed in the H&S file.
- d) Failure to manage specific conditions or address issues timeously will be considered a serious offence

### 16.14. Discipline, Alcohol and Substance Abuse

- a) All employees (management included) are to follow instructions given in the interest of H&S.
  - 16.14.a.1. Disciplinary action is to be imposed on those who do not follow such instructions or company rules or policies.
- b) No person can work or access site if under the influence of alcohol or other substances that could impact on their own or others safety.
  - 16.14.b.1. The PC is to have a drug and alcohol policy available to manage such instances.
- c) These requirements are applicable to any employee of any organization providing services on site.
  - 16.14.c.1. Penalties may also be applied by the Client, OHS Agent, Engineer or Principal Agent.

### 16.15. Compliance with the Rules of Conduct.

- a) The Principal Contractor, Subcontractors and all employees under their control, including any visitor brought onto site must adhere to the Rules of conduct on site, as listed under Section 12.28.
- b) These Rules of Conduct must also be adhered to by any of the following who visit the Site:
  - 16.15.b.1. Electrical & Mechanical Engineering
  - 16.15.b.2. Hospital Management and Staff
  - 16.15.b.3. ECDoh Employees
  - 16.15.b.4. Direct Contractors
  - 16.15.b.5. Trade Representatives
  - 16.15.b.6. Any other visitors to the Site.

### 16.16. Electrical Equipment

- a) In addition to the requirements of the Electrical Machinery Regulations and the General Machinery Regulations any electrical distribution board used for construction work shall be fitted with suitable earth leakage protection.
- b) Leads must be properly and firmly connected.
- c) Plugs and sockets shall be in good and safe condition.

- d) All electrical apparatus, other than electrical hand tools, shall have a physical “lock out” system which will prevent any operation other than that authorized by a supervisor.

16.16.d.1. A “lock out” sign shall be displayed when the apparatus is not in use.

- e) Method statements and safe work procedures will be required for all work involving electrical apparatus.

## **17. SAFETY RULES WITH RESPECT TO WORK TO HEALTH CARE FACILITIES**

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- a. All persons on the premises shall obey the ECDoH & facility’s Health and Safety rules, procedures and practices.
- b. No smoking will be permitted within the buildings or within the buildings under construction.
- c. All work shall be carried out within normal working hours except certain essential works which may need to be carried out after hours or over weekends – arrangements for such work to be agreed in advance between the Contractor and Principal Agent.
  - i. Note: That on this contract it is assumed that work will take place 7 days a week including after hours and at night as required.
  - ii. The Contractor is to agree the weekly work schedule in advance with the Client’s Agent.
- d. All workers are to be instructed in and familiarise themselves with the existing emergency and safety procedures and to co-operate in any drills or exercises which might be held by the Hospital.
- e. Emergency / Firefighting equipment belonging to the premises is not to be interfered with.
- f. Emergency Exits and Escape Routes, including Temporary Escapes Routes are not to be obstructed.
- g. No persons shall carry out or initiate an unsafe / unhygienic act or operation whilst on the premises.
- h. Workers are not to interfere with the duties of the hospital, its staff, patients or visitors.
- i. The Contractor shall maintain good housekeeping standards in the areas being worked on throughout the duration of the contract.
- j. All waste / scrap materials are to be removed from the work areas on an on-going basis and should not be allowed to accumulate.

- k. The Client and facility Management reserves the right to act in any way necessary to ensure the safety and / or security of any persons or equipment on its premises and will not be liable for any costs incurred or loss evoked by such actions.
- l. The Client and health facility Management reserves the right to search all vehicles entering, leaving or parked on the premises and to inspect any parcel, package, handbag, tog-bag or suitcase.
- m. The health facility reserves the right to search any person entering or leaving the health facility premises.
- n. All workers must wear proper identification labels at all times – The Contractor will be asked to remove persons without identification from the premises.
- o. The Contractor will not be permitted to use any tools or equipment belonging to the health facility.
- p. The Contractor is to ensure that noise is kept to a minimum so as not to unduly interfere with the functioning of the adjacent facilities.
- q. The Contractor is to ensure that dust from the works is properly contained so as not to cause problems with the normal functioning of the adjacent facilities.

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## **18. PROJECT SPECIFIC RISKS**

### **18. Risk Associated**

- a) Working on the existing facility that will remain in operation throughout the contract period.
- b) Noise & vibration from maintenance activities and machines.
- c) Obstruction of escape routes.
- d) Working in confined spaces.
- e) Restricted access for materials and work areas.
- f) Environmental pollution due to oil spillages.
- g) Poor road conditions.
- h) Stray animals.
- i) Other road users.
- j) Live electrical connections.
- k) Working with hot surfaces.
- l) Biological hazards.
- m) Cuts by sharp objects.
- n) Slips and falls from wet floors.
- o) Ergonomic risks from lifting heavy equipment.

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### **18. HEALTH AND SAFETY FILE**



18.12. The documentation submitted and approved following the awarding of the contract will be used to form the H&S file.

18.13. The H&S file is required to be laid out in a logical manner, and documentation filed within the file is to be easily accessible.

18.14. The following completed information shall be included (but not be limited to) as part of the index:

- a) The PSHSS;
- b) The H&S Plan and the approval by Client;
- c) Appointment by Client;
- d) Mandatory agreement with Client;
- e) Notification of construction work ( Not applicable)
- f) A record of all working drawings, calculations and design where applicable;
- g) Detailed list of Contractors with contact details, appointments, Mandatories etc., H&S specifications issued;
- h) Record of Competencies (CVs) and appointments;
- i) Training Records;
- j) Permits;
- k) Method statements;
- l) Risk assessments;
- m) Safe work procedures;
- n) Emergency and injury management;
- o) Safety data sheets
- p) Medical surveillance records;
- q) Registers;
- r) Records of audits, minutes etc.
- s) Plant lists
- t) Temporary electrical installations
- u) Employee records (who is on site)

## **19. NON-CONFORMANCES**

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19.12. Should, at any time, the works, or part of the works, be stopped due to unsafe acts or non-compliance with the Clients or PCs H&S Plan; neither the PC nor any other Contractor shall have a claim for extension of time or any other compensation.

19.13. The following constitute examples of the types of non-conformances that will attract penalties:

<b>Minor: Penalty: R50/count</b>	<b>Medium: Penalty: R500/count and a non-conformance</b>	<b>Severe Penalty: R5000/count, a non- conformance and/or activity stoppage</b>
Non-use of PPE supplied	Toilets not supplied or regularly serviced; lack of drinking water	Contractors working without Health and Safety Plan approval
Non-completion of registers for plant and equipment on site	Contractors not audited	Workers transported in contravention of the OHS plan or legal requirements
Lack of H&S signage at work areas	Working without training or the appropriate, approved H&S method statements	Invalid Letters of Good Standing
Tools and equipment identified in poor condition during inspections	Legal non-conformances identified during the previous audit and not addressed within the agreed time frame	Non-compliance with traffic accommodation requirements: layout or physical conditions
	No monthly OHS report at site meeting to report on	Any serious breach of legal requirements
	No certificates of fitness for workers as required	
	Working without approved method statements	

19.14. **Failure to Comply with Provisions**

- a) Failure or refusal on the part of the PC or their Contractors to take the necessary steps to ensure the safety of workers and the general public in accordance with these specifications or as required by statutory authorities or ordered by the engineer, shall be sufficient cause for the engineer to apply penalties as follows:

19.14.a.1. A penalty as shown in the Table above shall be deducted for each occurrence of non-compliance with any of the requirements of the PSHSS.

19.14.a.2. In addition, a time-related penalty of R500,00 per hour over and above the fixed penalty may be deducted for non-compliance to rectify any non-conformance within the allowable time after a site instruction to this effect has been given by the Designer.

19.14.a.3. The site instruction shall state the agreed time, which shall be the time in hours for reinstatement of the defects.

19.14.a.4. Should the Contractor fail to adhere to this instruction, the time-related penalty shall be applied from the time the instruction was given.

## ANNEXURE A

### CLOSE OUT REQUIREMENTS

The H&S files for the Principal Contractors and all Contractors require closure and handover to the Client at the completion of the project. The following list is an example of what should be included, but is not exhaustive. The OHS Agent or the Client may require further information at the time of completion and the Principal Contractor is to ensure that all instructions are met. Documentation would include all records from the start of the project. Daily or monthly plant inspection records are not required unless they are related to an accident. All records to be in electronic format and submitted to the OHS agent for approval in adequately formatted lists and folders. Layout should be logical and in the same order as in the site files.

#### Health and Safety close out file requirements include:

- a) Client H&S Specification
- b) Principal Contractor's OHS Plan(s)
- c) Organograms
- d) Legal Appointments
- e) List of all employees employed on a permanent or contractual basis over the duration of the contract
- f) Notification to Department of Labour of commencement of work
- g) Letters of Good Standing for the Project
- h) Full files for all Contractors as well as their close out reports
  - List of Contractors
  - All employees employed on a permanent or contractual basis over the duration of the contract
  - Letters of Approval of Contractors
  - Mandatary Agreements
  - Letters of Good Standing
  - Appointments
- i) Incident Records
- j) Non- Conformance records
- k) Client's Audits
- l) Method Statements
- m) Risk assessments
- n) Safe work procedures
- o) Medical surveillance certificates of fitness. Medical records are to be kept according to the OH&S Act as amended

- p) All drawings for temporary structures (suspended beams/scaffolds etc.)
- q) All operating manuals for any systems that require on-going maintenance
- r) Copies of test results, policies and procedures for environmental monitoring (silica, noise, dusts etc.)

### **Defect and Liability Period**

The H&S files are to be kept 'live' for the defect and liability period by the Principal Contractor, including those of their Contractors. Any work required during the defect and liability period will require an assessment of the H&S file by the OH&S Agent prior to any work commencing.

A copy of drawing records for the as-built drawings are to be placed on file by the Designers once complete.

## ANNEXURE B NON-CONFORMANCES

HEALTH AND SAFETY SITE INSPECTION NON-CONFORMANCE NO		
<b>AGENT:</b>	<b>PROJECT:</b>	
<b>Consultant:</b>	<b>Date and time:</b>	
<b>Client</b>	<b>Area:</b>	
<b>Contractor:</b>		
<b>ASPECTS NOTED:</b>	<b>COMMENTS:</b>	<b>COMPLETION REQUIRED BY (DATE):</b>
	•	
	•	
	•	
	•	
	•	
<b>PHOTOGRAPHIC EVIDENCE (if available):</b>		
<b>OTHER:</b>		
The following penalties are to be applied:		
<b>Signature of H&amp;S Officer</b>		
<b>Signature: of Client</b>		

## ANNEXURE C:

### CONTRACTORS MONTHLY HEALTH AND SAFETY REPORT

(To be submitted by the end of the first week of each month and be available with each audit)

CONTRACT NUMBER:		PROJECT NAME:	CONTRACT DETAILS:
1	<b>GENERAL ACTIVITIES FOR THE MONTH</b>  (detail each area of work)		
2	<b>NUMBER OF WORKERS</b> (permanent and local, contractors)		
3	<b>TRAINING DONE</b> (supplier, no of people, type)		
4	<b>INCIDENTS / ACCIDENT</b> (list number and details, attach reports)		
6	<b>NON-CONFORMANCES</b> (closed out or active)		
7	<b>CONTRACTORS</b> (list, approval status)		
8	<b>AUDITS COMPLETED</b> (internal and external)		
9	<b>CRITICAL ISSUES</b>		

<b>10</b>	<b>GENERAL</b>	

**Health and Safety Officer:** \_\_\_\_\_ **Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Construction Manager:** \_\_\_\_\_ **Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**ANNEXURE D - Risk Assessment (see Excel Sheet)**



**ANNEXURE E - Guidelines to Health and Safety Bill of Quantities**

DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
				R	C
Preparation of principal contractor's site-specific health and safety plan, safety file, risk assessments, fall prevention/protection plan, Annexure 2 notification to Dept of Labour, demolition method statement, other method statements requested to be prepared for safety reasons, permits, amendments to safety plan during course of project, traffic management / accommodation plans, and any other legally required health and safety documentation	Lump sum	Lump sum			
Provision of current workman's compensation cover for employees for the project, and ensuring that contractors appointed have such cover too	Lump sum	Lump sum			
Health and safety management of principal contractor's employees and contractors' employees	Lump sum	Lump sum			
Provision of full time Construction Manager for site, provision of Alternate Construction Manager in absence of Construction Manager and provision of sufficient safety supervision on site	Lump sum	Lump sum			
Provision of full time Health & Safety Officer for site (refer to safety specification for full time / part time requirement) and preparation of safety reports after each safety inspection	Lump sum	Lump sum			
Competence assessment, appointment	Lump sum	Lump sum			

and required competence and safety training of all principal contractor's legally required appointments for the project					
Maintenance of principal contractor's plant and equipment to be in safe condition, including inspection registers, inspections by competent persons, thorough examination certificates, hand over certificates and related documentation	Lump sum	monthly			
Provision of general safety signage (e.g., first aid, firefighting, traffic safety, excavations, workman ahead, noise zones, etc.)	Lump sum	monthly			
Each Bakkie to have Safety File for Emergency and registers	Lump sum	Lump sum			
<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>	
				<b>R</b>	<b>C</b>
Provision of medical certificates of fitness for employees (Annexure 3)	Lump sum	Lump sum			
Provision of personal protective equipment (PPE) by to employees e.g. <ul style="list-style-type: none"> <li>• Work suits with reflective strips.</li> <li>• hard hats (where applicable)</li> <li>• protective footwear</li> <li>• hearing protection</li> <li>• respiratory protection</li> <li>• safety eyewear</li> <li>• gloves</li> <li>• Spill Kits etc.</li> </ul>	Lump sum	Lump sum			
Holding of safety meetings with safety representatives and safety officers at workshop on at least weekly basis	Lump sum	monthly			

DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
				R	C
Provision of site-specific health and safety induction trainings for all at Workshop / Office	Lump sum	Lump sum			
Provision of sufficient First Aiders for site as per legal requirements	Lump sum	Lump sum			
Provision of First Aid Boxes per bakkie as per legal requirements	Lump sum	Lump sum			
Provision of sufficient fire extinguishing equipment per bakkie.	Lump sum	Lump sum			
Provision for safe disposal of waste, spill kits, safe housekeeping, and storage practices	Lump sum	Lump sum			
Compilation of consolidated Safety File at Close Out stage and handover of file to the client in a digital format	Lump sum	Lump sum			
Any other compliance item in site specific safety specification issued by project client/ safety agent with potential cost implication	Lump sum	Lump sum			
• Item 1					
• Item 2					
• Item 3					
• Item 4					
• Item 5					
Principal contractor's general compliance with respect to the Occupational Health and Safety Act, Construction and other health and safety Regulations apart from other provisions in this bill.	Lump sum	Lump sum			
<b>SUMMARY TOTAL OHS COST PROVISION</b>					

**ANNEXURE E – SAFETY SPECIFICATION AND BASELINE RISK ASSESSMENT  
ISSUE REGISTER**

**Acknowledgement:**

I, \_\_\_\_\_ representing.

\_\_\_\_\_ (Contractor), have satisfied myself with the content of this Health and Safety Specification and shall ensure that our employees and contractors on site comply with the requirements of this document, our safety documentation and health and safety legislation.

\_\_\_\_\_  
Signature of Contractor

\_\_\_\_\_  
Date

**Comments:**

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## **PART C4: SITE INFORMATION**

## C4.1: SITE INFORMATION

PROJECT NAME	SCHEDULE MAINTENANCE OF GENERATORS IN CLUSTER 1 – HEALTH FACILITIES (36 MONTHS)
TENDER No.	SCMU3-23/24-0740-HO

### C4 Site Information

#### 1. GENERAL

1. The Standard for Uniformity in Construction Procurement published in terms of the Construction Industry Development Board (CIDB) Act, 2000 (Act no 38 of 2000), the Standardized Construction Procurement Documents for Engineering and Construction Works as issued by the CIDB and any other relevant documentation pertaining thereto must be studied and all principles in this regard must be applied to all procurement documentation, practices and procedures.
2. The Supplier must acquaint themselves fully with all matters pertaining to this section in order to enable prospective Suppliers to price for all eventualities.
3. All hospitals are functional, caution must be taken in terms of contractor movement and noise.
4. The employer will advise will confirm where the stripped materials need to be disposed.

#### LIST OF FACILITIES IN CLUSTER 1 OR Tambo District

Item no.	Facility Name	No. of units
1	Bala Clinic	1
2	Bambisana Gateway Clinic	1
3	Bambisana Hospital	1
4	Baziya CHC	1
5	Bityi Clinic	1
6	Bodweni Clinic	1
7	Bomvini Clinic	1
8	Buchele Clinic	1
9	Buntingville Clinic	1
10	Caba Clinic	1
11	Caguba Clinic	1
12	Canzibe Hospital	1
13	Double Falls Clinic	1
14	Dr Malizo Mpehle Memorial Hospital	1
15	Ezingcuka Clinic	1

16	Flagstaff CHC	1
17	Gengqe Clinic	1
18	Good Hope Clinic	1
19	Goso Forest Clinic	1
20	Gqubeni Clinic	1
21	Gura Clinic	1
22	Hlabatshane Clinic	1
23	Holy Cross Gateway Clinic	1
24	Holy Cross Hospital	4
25	Isilimela Hospital	1
26	Kalankomo Clinic	1
27	Kambi Clinic	1
28	Kohlo Clinic	1
29	KTC Clinic	1
30	Libode Clinic	1
31	Lotana Clinic	1
32	Lower Gungululu Clinic	1
33	Ludalasi Clinic	1
34	Lujizweni Clinic	1
35	Lusikisiki Village Clinic	1
36	Lutshaya Clinic	1
37	Lutubeni Clinic	1
38	Magwa Clinic	1
39	Mahlungulu Clinic (Mhlontlo)	1
40	Majola Clinic	1
41	Makhotyana CHC	1
42	Malusi Clinic	1
43	Mangcwanguleni Clinic	1
44	Mantlaneni Clinic	1
45	Mantusini Clinic	1
46	Maqanyeni Clinic	1
47	Maxwele Clinic	1
48	Mbalisweni Clinic	1
49	Mbekweni CHC	1
50	Mbokotwana Clinic	1
51	Mbotyi Clinic	1
52	Mdeni Clinic	1
53	Mdyobe Clinic	1
54	Mevana Clinic	1
55	Mgwenyane Clinic	1
56	Mhlahlane Clinic	1
57	Mhlakulo CHC	1
60	Mjika Clinic	1
61	Mpeko Clinic	1
62	Mpoza Clinic (Lusikisiki)	1
63	Mpuzana Clinic	1

64	Mqhekezweni Clinic	1
65	Mtakatye Clinic	1
66	Mtambalala Clinic	1
67	Mthatha Gateway Clinic	2
68	Mthatha General Hospital	5
69	Mzintlava Clinic	1
70	Ncambele Clinic	1
71	Ndanya Clinic	1
72	Nelson Mandela Academic Hospital	7
73	Nessie Knight Hospital	2
74	Ngangelizwe CHC	1
75	Ngcengane Clinic	1
76	Ngcoya Clinic	1
77	Ngqungqu Clinic	1
78	Ngqwarha Clinic	1
79	Ngwemnyama Clinic	1
80	Nkanga Clinic	1
81	Nkanunu Clinic	1
82	Nkozo Clinic	1
85	Nkumandeni Clinic	1
86	Nolita Clinic	1
87	Nqanda A Clinic	1
88	Ntafufu Clinic	1
89	Ntapane Clinic	1
90	Ntshabeni Clinic	1
91	Nxotwe Clinic (Qumbu)	1
92	Nyandeni Clinic	1
93	Old Bunting Clinic	1
94	Oliver Tambo District Office	1
95	Palmerton Clinic	1
96	Phahlakazi Clinic	1
97	Phakamile Clinic	1
98	Pilani Clinic	1
99	Port St Johns CHC	1
100	Port St Johns EMS Station	1
101	Qandu Clinic	1
102	Qanqu Clinic	1
103	Qokolweni Clinic	1
104	Qolombane Clinic (Qumbu)	1
105	Qumbu CHC	1
106	Qunu Clinic	1
109	Shawbury Clinic	1
110	Sidwadweni Clinic	1
111	St Barnabas Gateway Clinic	1
112	St Barnabas Hospital	1
113	St Elizabeth's Gateway Clinic	1



114	St Elizabeth's Hospital	2
115	St Lucy's Gateway Clinic	1
116	St Lucy's Hospital	1
117	Stanford Terrace Clinic	1
118	Tina Falls Clinic	1
119	Tombo CHC	1
120	Tshezi Clinic	1
121	Wilo Clinic	1
122	Xopozo Clinic	1
123	Xurana Clinic	1
124	Zidindi Clinic	1
125	Zitulele Hospital	1
126	Zwelebhunga Clinic	1
127	Zwelichumile Clinic	1

**Alfred Nzo District**

Item no.	Facility Name	No. of units
1	Greenville Hospital	1
2	Kanyayo Clinic	1
3	Khotsong TB Hospital	1
4	Madzikane ka Zulu Hospital	2
5	Maluti CHC	1
6	Mount Ayliff EMS Station	1
7	Mount Ayliff Hospital	3
8	Mvenyane Clinic	1
9	Sipetu Hospital	2
10	St Patrick's Hospital	2
11	Tayler Bequest Hospital	1



## STANDBY GENERATOR MONTHLY/QUARTERLY INSPECTIONS

**Note:**

Due to current load shedding, service providers will conduct inspections monthly. This may change back to quarterly (every 3 months) with the improved electricity supply. The change shall be communicated to the contractor in time.

One/Three Monthly inspections must be conducted by the service provider.

One/Three Monthly inspections will include weekly inspection tasks.

Results and findings must be entered in the generator log book and signed by the relevant operator/maintainer.

The tasks listed is for a generic service regime. Where this Task List included below does not include manufacturer's servicing specifications, the Original Equipment Manufacturer's servicing specifications must be added, as all services are to be carried out in accordance with the manufacture's specification.

Step	Service/Inspection Step Description	Task Done?	Value / Reading	Comments/Findings
1	Carry out a visual inspection and check oil and fuel. Check for water leaks and check radiator is free of debris. Ensure environment is safe to start genset.			
2	Start genset off load prior to service.			
3	Switch off genset and isolate according to site/safety requirements.			
4	Check connection of battery terminals and clean if necessary			
5	Check electrolyte level in battery and top up if required. Do SG test. Replace battery if SG readings are out of specification			
6	Check battery charge voltage and adjust to specification			
7	Check battery charge rate and perform voltage drop test to determine condition of batteries			
8	Check engine oil and top up if necessary			
9	Check jacket water heater and condition of hoses			
10	Check level and add cooling system coolant to radiator if required			
11	Check for cooling system leaks and damage to radiator			
12	Visual inspection for oil, fuel and water leaks			



Step	Service/Inspection Step Description	Task Done?	Value / Reading	Comments/Findings
13	Check for any loose components, fittings or attachments			
14	Check and clean air filter if needed. Ensure seals are sealing correctly after refitting filter			
15	Check fan belt and alternator belt tension and adjust if required			
16	Check primary fuel filter and clean if necessary			
17	Drain water separator if fitted			
18	Draw fuel sample for contamination analysis from both bulk and day tanks			
19	Test automatic fuel make up system (if equipped)			
20	Lubricate all moving parts if required			
21	Check and verify operation of all instrumentation			
22	Check and record running hours on running hour meter for the generator set and see if it needs an oil change service			
23	Do a visual inspection of all contactors and electrical equipment in the changeover panel			
24	Service and check LV circuit breakers on changeover panel			
25	Clean the inside of the changeover panel			
26	Check condition of electrical and control cabling going to and from the generator. Rectify if needed			
27	Inspect and clean generator control panel			
28	Check and inspect the status of the Lovato (or similar) electronic controller			
29	Inspect earthing of the generator unit			
30	Set unit to "test" position and conduct test run for 30 minutes under available load and check and/or adjust the following:  Upon start-up in test position: -Start cut out function -Generator output voltage and stability -Generator output frequency and stability			



Step	Service/Inspection Step Description	Task Done?	Value / Reading	Comments/Findings
31	Check load consumption of unit			
32	Start the engine, off load and check the safety circuits:			
33	While the engine is running check the following			
34	Check engine water temperature			
35	Check Engine oil pressure			
36	Check charging alternator output			
37	Check genset output voltage stability			
38	Fail the mains supply and see if Generator start automatically and run generator for at least 30 minutes if it started automatically. If not started, resolve problem and redo test.			
39	Record operation of the start-up delay timer. (<20 seconds). Record findings			
40	Record operation of the change-over contactor timer. Record findings			
41	Take readings of all phase amps. Record findings			
42	Take readings of all voltages, Record findings			
43	Check exhaust system for any leaks, hot spots, etc. and record findings			
44	Inspect generator enclosure or plant room ventilations system operation and correct if not operating			
45	Restore mains supply. Record abnormalities			
46	Record operation of mains restoration timer. (1-10 seconds)			
47	Record operation of engine cool down period timer.			
48	Record operation of mains fail and standby running alarms and enter in the logbook and work sheet			
49	Record all test run data after start-up in the logbook and work sheet			
50	Set plant selector switch to "auto" position after conducting the test run			



Step	Service/Inspection Step Description	Task Done?	Value / Reading	Comments/Findings
51	Inspect generator set for any issues (leaks, etc) that might have occurred during the test run.			
52	Clean plant and all its components			



## STANDBY GENERATOR BI-ANNUALLY LUBRICATION SERVICE INSPECTION

**Note:**

Bi-annual (every 6 months) services must be conducted by the Service Provider, and must include all task specified by the OEM for the equipment.

If the Generator ran low hours since the last service (i.e less than 120 hours) this service can be delayed, but the service interval between lubrication services must not exceed 12 months. Ideally this service should take place about every 250 operating hours. Results and findings must be entered in the generator log book and signed by the relevant operator/maintainer.

The tasks listed is for a generic service regime. Where this Task List included below does not include manufacturer's servicing specifications, the Original Equipment Manufacturer's servicing specifications must be added, as all services are to be carried out in accordance with the manufacture's specification.

Step	Service/Inspection Step Description	Task Done?	Value / Reading	Comments/Findings
1	Carry out a visual inspection and check oil and fuel. Check for water leaks and check radiator is free of debris. Ensure environment is safe to start genset.			
2	Start genset off load prior to service.			
3	Switch off genset and isolate according to site/safety requirements.			
4	Check status of control panel and make sure engine is isolated (Blocked). and remove main battery leads from starter batteries			
5	Inspect radiator fins and straighten if required			
6	Check cooling system for signs of leaks. Repair if needed.			
7	Drain cooling system and check for signs of oil in the coolant. Refill radiator with new engine coolant mix			
8	Perform Radiator Pressure test. Inspect for leaks on both the radiator & hoses.			
9	Replace jacket water heater hoses			
10	Drain engine oil and check for signs of water contamination in the oil. If in doubt take a sample for analysis.			



Step	Service/Inspection Step Description	Task Done?	Value / Reading	Comments/Findings
11	Inspect magnetic oil sump plug for metal particles before refitting it with a new copper O-ring seal.			
12	Change oil filter			
13	Refill engine oil with the correct oil grade			
14	Inspect air filter element / replace if needed. Ensure that filter seals properly after fitment.			
15	Change oil in Air filter if it is the wet type air filter			
16	Check V-belt condition and tension. Replace if needed			
17	Check all V-belt pulleys			
18	Check starter motor and fuel solenoid physical condition and operation			
19	Check battery condition, replace terminal where necessary			
20	Change fuel and water separator filters and drain any water that might be in the system			
21	Check fuel transfer pump			
22	Replace fuel filters			
23	Drain and refill governor oil			
24	Visually inspect all links and moving parts for operation			
25	Check engine / alternator coupling if accessible without separating the generator from the alternator			
26	Degrease and wash engine			
27	Check anti vibration mountings on the plant, engine panel and control panel			
28	Inspect turbo if fitted. Service if needed			
29	Inspect exhaust system. Repair if needed			
30	Check complete generator set for any loose bolts, etc.			
31	Check Generator electrical and control cables.			
32	Check generator auxiliary equipment such as enclosure ventilation fans, etc.			



Step	Service/Inspection Step Description	Task Done?	Value / Reading	Comments/Findings
33	Service generator control panel			
34	Check instrumentation			
35	Simulate low oil pressure alarm for continuity			
36	Simulate high temperature alarm			
37	Simulate coolant flow alarm.(cooling towers)			
38	Simulate fan failure alarm.(cooling towers)			
39	Check emergency stop alarm			
40	Check start failure alarm			
41	Check low fuel alarm			
42	Inspect all AC cabling and wiring for bad connections and or physical damage			
43	Visual check all fuses			
44	Take a sample of the diesel in the bulk tank and have analysed			
45	Perform a maintenance test run to verify that everything is Ok after the work were done on the generator set.			
46	Start engine, off load and check the safety circuits			
47	While engine is running check the following:			
48	Check engine water temperature			
49	Check Engine oil pressure			
50	Check charging alternator output			
51	Check genset output voltage stability			
52	Inspect for abnormal audible noise and vibration, etc. correct if needed.			
53	Record all deviations found in the logbook and on the work sheet by the specialist service provider			
54	Perform normal monthly auto start test and record the data as required.			
55	Ensure that all relevant selectors and breakers are in the correct position (i.e AUTO)			
56	Clean generator enclosure or plant room before leaving.			