

**PROVINCIAL ADMINISTRATION OF KWAZULU-NATAL
DEPARTMENT OF HEALTH**



health

Department:
Health
PROVINCE OF KWAZULU-NATAL

BILLS OF QUANTITIES

RETURNABLE DOCUMENT

ONE VOLUME APPROACH

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16
CLINICS IN THE AMAJUBA HEALTH DISTRICT.**

Project Leaders

Mr. E. Schutte
Private Bag X9051
Pietermaritzburg
3200
033 940 2539
erich.schutte@kznhealth.gov.za

Employer:

Head: Health
KZN Department of Health
Private Bag X9051
PIETERMARITZBURG
3200
Tel Number: 033 940 2539
Fax Number:

Region:

Chief Director: Infrastructure Development
KZN Department of Health
Private Bag X9051
Pietermaritzburg
3200
Tel Number: 033 940 2538
Fax Number: 0

Bid Number: ZNB 9707/2019-H
CIDB Grading: 5 EP / 5 EB
ECDP Number: N/A

Project Code: 0
Closing Date: 25-Sep-2019
Contract Period: 8 Calendar Months

Contracting Party: _____

CIDB Registration number: _____

Central Suppliers Database Registration Number: _____

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS
IN THE AMAJUBA HEALTH DISTRICT.**

THE BID

1. PART T1: BID PROCEDURES

Page No.

- T1.1 Bid Notice and Invitation to Bid
- T1.2 Bid Data
- T1.3 Annexure F - Standard Conditions of Bid

2. PART T2: RETURNABLE DOCUMENTS

- T2.1 List of Returnable Documents
- T2.2 Authority to Sign Bid
- T2.3 Authority for Consortia or Joint Venture's to Sign Bid
- T2.4 Special Resolution of Consortia or Joint Venture's
- T2.5 Joint Venture Involvement Declaration
- T2.6 Schedule of Proposed Sub-Contractors
- T2.7 Capacity of Bidder
- T2.8 Financial Standing and other resources of Business Declaration (If Applicable).
- T2.9 Preference Certificate
- T2.10 Site Inspection Certificate as proof for attendance of compulsory site meeting. (if applicable)
- T2.11 Declaration of Interest - SBD 4
- T2.12 Record of Addenda to Bid Documents
- T2.13 Particulars of Electrical Contractor
- T2.14 Schedule of Imported Materials and Equipment
- T2.15 Declaration of Bidders Past SCM Practices - SBD 8
- T2.15a Annual Financial Statement for past financial year
- T2.17 Contractor's Safety, Health and Environmental Declaration.
- T2.18 Compulsory Enterprise Questionnaire.
- T2.19 Tax Compliance Status (TCS) PIN to verify on line Compliance Supplier Status via e-Filing
- T2.20 Proof of Good Standing with the Compensation Commissioner (Attach)
- T2.21 Form of Offer and Acceptance (Bound into Section 1 of 2)
- T2.21a Confirm Receipt of Offer and Acceptance
- T2.22 Final Summary of Bill of Quantities
- T2.23 Proof of Paid Municipal Rates and Taxes (F3.13.1 - Bid Data) (Attach)
- T2.24 Proof of UIF Registration (F3.13.1 - Bid Data) (Attach)
- T2.25 The National Industrial Participation Programme
- T2.26 Certificate of Independent Bid Determination - SBD 9

T2.27	Proof of Registration Number on the Central Suppliers Database
T2.28	Proof of CIDB Registration Number
T2.29	Proof of payment of Bid deposit
T2.30	Contract Form - Purchase of Goods/Works - Part 1
T2.31	Contract Form - Purchase of Goods/Works - Part 2
T2.32	Required Structure of Contractor's detailed OHSE Plan
T2.33	Client's specific requirements for the Contractor's detailed OHSE Plan
T2.34	Base line Risk Assessment
T2.35	Declaration Certificate for local production and content for designated sectors - SBD 6.2
T2.36	Quality Criteria

THE CONTRACT

3. PART C1: AGREEMENT AND CONTRACT DATA

C1.1	Form of Offer and Acceptance
C1.2	Contract Data

4. PART C2: PRICING DATA

C2.1	Pricing Instructions
C2.3	Bills of Quantities

5. PART C3: SCOPE OF WORKS

C3.1	Scope of Works
C3.2	Specification for HIV/AIDS awareness
C3.3	HIV/STI Compliance report

6. PART C4: SITE INFORMATION

C4.1	Site Information Included in Part C3
------	--------------------------------------

7. DRAWINGS

|

8. ANNEXURES

Annexure A	Generator Preventative Maintenance Service Schedule
Annexure B	Diesel Fuel Remediation and Tank Cleaning Specification

IMPORTANT NOTICE TO BIDDERS

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 Bid or Bidder. These forms are for internal and external use for the KZN Department of Health, Provincial Administration of KwaZulu-Natal.

"Quality" shall mean totality of features and characteristics of a product or service that bears on the ability of the product or service to satisfy stated or implied needs.

No alternative Bids will be accepted.

The Total (Including Value Added Tax) on the Final Summary of the Bill of Quantities must be carried to the "Offer" part only of the Form of Offer and Acceptance - T2.21

"Enterprise" shall mean the legal Bidding Entity or Bidder who, on acceptance of the Offer, would become the **contractor**

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN
THE AMAJUBA HEALTH DISTRICT.**

THE BID

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN
THE AMAJUBA HEALTH DISTRICT.**

PART T1. - BID PROCEDURES

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN
THE AMAJUBA HEALTH DISTRICT.**

T1.1 - BID NOTICE AND INVITATION TO BID

T1.1 BID NOTICE AND INVITATION TO BID			
THE KZN DEPARTMENT OF HEALTH INVITES BIDS FOR THE PROVISION OF:			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	0
Advertisement date:	16 August 2019	Closing date:	25 September 2019
Closing time:	11:00	Validity period:	120 Days

It is estimated that bidders should have a CIDB contractors grading designation of 5EP/5EB or higher. No alternative Class of work, as referred to in Clause 25(3)(a)(i) of the CIDB Regulations, as amended, is anticipated for this project.

	<p>It is estimated that Potentially Emerging enterprises should have a CIDB contractor grading of (N/A) and satisfy the criterion stated in the Tender Data. <i>(Only applicable if Client has an Official Mentorship programme in place to assist potentially emerging enterprises)</i></p> <p>All Tenderer's should have a CIDB Class of Construction Contractor Grading Designation as indicated above. No Tenderer with a PE status can be considered if "N/A" is indicated above because the Department does not have an Official Mentorship Programme in place to assist a Potentially Emerging Enterprise.</p>
--	--

Only bidder's who are responsive to the following responsiveness criteria are eligible to submit bids:

<input checked="" type="checkbox"/>	<p>Only those bidders who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with the latest Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations for a :</p> <p>5 EP / 5 EB or higher, class of construction work, are eligible to have their bids evaluated."</p> <p>Bid values in close proximity to the limit of a bid value range will be dealt with in accordance with Clause 25(3)(a)(ii) and 25(7A) of the latest amended Regulation.</p>
<input checked="" type="checkbox"/>	<p>Joint ventures are eligible to submit bids provided that:</p> <ol style="list-style-type: none"> 1 every member of the joint venture is registered with the CIDB; and 2 Two Grade 4EB/4EP graded contractors form the Joint Venture or; 3 One Grade 4EB/4EP and Two Grade 3EB/3EP graded contractors form the Joint Venture <p>Refer to Table 9 of the Regulation for requirements of combinations.</p>
<input type="checkbox"/>	Bid document must be properly received on or before the tender closing date and time specified on the invitation, fully completed and signed in ink (All as per Standard Conditions of Tender).
<input type="checkbox"/>	Submission of Compulsory Returnable Schedules documents as per List of returnable documents.
<input type="checkbox"/>	Tax Compliance Status (TCS) PIN number and bidder's or entity tax reference number.
<input type="checkbox"/>	Contractor's Safety, Health and Environmental Declaration.
<input type="checkbox"/>	Complete priced Bill of Quantities to be submitted on the day of the bid closing date.
<input type="checkbox"/>	Proof of good standing with the Compensation Commissioner - In terms of Section 84(1)(b) of the Compensation for Occupation Injuries and Disease Act, 1993, a Bidder may not be awarded a contract if he/she is not registered and in good standing with the Compensation Commissioner.
<input type="checkbox"/>	Proof of Paid Municipal Rates and Taxes (F3.13.1 - Bid Data) (Attach)
<input type="checkbox"/>	Proof of UIF Registration (F3.13.1 - Bid Data) (Attach)
<input type="checkbox"/>	Financial Standing and other resources of Business Declaration (If Applicable).
<input type="checkbox"/>	Compulsory Enterprise Questionnaire.
<input type="checkbox"/>	Bidders must fulfil the functionality criteria first before their price will be considered.

THE FOLLOWING PARTICULARS MUST BE FURNISHED (FAILURE TO DO SO MAY RESULT IN YOUR BID BEING DISQUALIFIED)

Name of Bidder: _____

Postal Address: _____

Street Address: _____

Telephone Number CODE _____ NUMBER _____
 Cellphone Number: _____
 Facsimile Number: CODE _____ NUMBER _____
 E-mail Address: _____
 VAT Registration Number: _____

TAX COMPLIANCE STATUS (TCS) PIN TO VERIFY ON LINE COMPLIANCE SUPPLIER STATUS VIA SARS e-FILING (T2.19) YES or NO

HAS A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE BEEN SUBMITTED? (T2.9) YES or NO

IF YES, WAS THE CERTIFICATE ISSUED BY A VERIFICATION AGENCY ACCREDITED BY SANAS?
 [Tick Applicable Box] YES or NO
 A Verification Agency Accredited by the South African Accreditation System (SANAS)

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS / SERVICES / WORKS OFFERED? [If yes, enclose proof] YES or NO

This bid will be evaluated according to the preferential procurement model in the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017:

80/20 Preference point scoring system 90/10 Preference point scoring system

NOTE See Quality Criteria in Annexures 6 of the Annexures attached to this document.

Quality requirement:	100 Points
Price:	80 points

Preference point scoring system will be based on the following points:

Preference points system:
 Preferences are offered to Bidder's who have attained the following B-BBEE status level of contributor in accordance with the table below:

1.	B-BBEE Status Level of Contributor	Number of Points
(a)	Level 1	20 Points
(b)	Level 2	18 Points
(c)	Level 3	14 Points
(d)	Level 4	12 Points
(e)	Level 5	8 Points
(f)	Level 6	6 Points
(g)	Level 7	4 Points
(h)	Level 8	2 Points
(i)	Non-compliant contributor	0 Points

2. Other specific goals (according to the PPPFA):		
(a)	[insert specific goal]	0 Points
(b)	[insert specific goal]	0 Points
(c)	[insert specific goal]	0 Points
(d)	[insert specific goal]	0 Points
Total must equal 10 or 20 points		20 Points

Notes:

- 1 The successful bidder will be required to fill in and sign a written GCC 2010 2nd Edition Contract.
- 2 Bidders should ensure that bids are delivered timeously to the correct address. If the bid is late, it will not be accepted for consideration.
- 3 The requirements in respect of the application of either 80/20 and 90/10 preference points scoring system, as reflected in clause F3.11 of the **Bid Data**, will apply and the points reflected above for preferences will be adjusted accordingly on a pro-rata basis if required.
- 4 The bid box is generally open during official working hours.
- 5 All Bids must be submitted on the official forms – (Not to be re-typed)
- 6 THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT FOR CONSTRUCTION WORKS (GCC2010) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT
- 7 **(A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE)**
- 8 Where stated in the tender data that a two-envelope system has been followed, open only the non-financial proposal of valid tenders in the presence of tenderer's agents, who choose to attend, at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

Evaluate that non-financial proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals are to be opened.

Open only the financial proposals of tenderers who, in the quality evaluation score, have more than the minimum number of points for quality stated in the tender data, and announce the score obtained for the non-financial proposals and the total price and any preferences claimed. Return unopened financial proposals to tenderers whose

COLLECTION OF TENDER DOCUMENTS:

Tender documents may be collected during working hours at the following address :

191 Prince Alfred Street

A non-refundable tender deposit of R380 is payable as per the tender advertisement , on collection of the bid documents. The Bidders must deposit the the above amount into the Department's bank account. The Account details are:

Account Name: 0
 Bank Name: 0
 Account Number: 0
 Bank Code: 0
 Reference No: 0

The Bidder must attach the account statement with above reference, to this bid as **proof of payment of the deposit.**

SITE INSPECTION MEETING

A Compulsory pre bid Site Inspection Meeting will take place as follows:

Inkosi Albert luthuli Central Hospital- Lecture Theatre: Level 4 – Hospital Building

on: **2019/09/04 at 11:00am**

ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE OR TECHNICAL INFORMATION MAY BE DIRECTED TO:

DOH Project Manager:	Mr. E. Schutte	Telephone no:	033 940 2539
Cell no:	071 670 4334	Fax no:	
E-mail:	erich.schutte@kznhealth.gov.za		

DEPOSIT / RETURN OF TENDER DOCUMENTS: (Bid Documents)

Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the **Tender Data document**.

All tenders must be submitted on the official forms – (not to be re-typed)

TENDER DOCUMENTS MAY BE:

POSTED TO:
Head: Department of Health
KZN Department of Health
Private Bag X9051
PIETERMARITZBURG
3200
Attention: Pre-Bid and Adjudication Division

OR

DEPOSITED IN THE TENDER BOX AT:
KZN Department of Health
SCM Old Boys Model School
310 Jabu Ndlovu Street
Pietermaritzburg
3201

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE
AMAJUBA HEALTH DISTRICT.**

T1.2 - BID DATA

T1.2 BID DATA

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Project Code:	0		
Bid no:	ZNB 9707/2019-H	Closing date:	25 September 2019
Closing time:	11:00	Validity period:	120 Days
Clause number:			
	<p>The conditions of bid are the Standard Conditions of Tender as contained in Annex F of the CIDB Standard for Uniformity in Construction Procurement as per Board Notice 136 of 2015 in Government Gazette 38960 of 10 July 2015 as amended from time to time. (see www.cidb.org.za) Refer to Conditions of Tender as bound into this document.</p> <p>The Standard Conditions of Tender 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 Tender.</p> <p>Each item of data given below is cross-referenced to the clause marked "F" in the above mentioned Standard Conditions of Tender.</p>		
F.1.1	<p>The Employer is the Head: Health</p> <p>For this contract the <u>single volume</u> approach is adopted.</p> <p>This procurement document has been formatted and compiled under the headings for a single volume approach as contained in table 7 of the CIDB's "Standard for Uniformity in Construction Procurement." The list of Returnable Documents identifies which of the documents a bidder must complete when submitting a bid. The bidder must submit his bid by completing the Returnable Documents <u>including the priced Final Summary of the Bills of Quantities, signing the "Offer" section in the "Form of Offer and Acceptance"</u> and delivering the whole of the procurement document back to the Department bound up as it was when it was received.</p>		
F.1.2	<p>The single volume procurement document issued by the Employer comprises the following:</p> <p>BID</p> <p>Part T1: Bidding procedures</p> <p>T1.1 - Bid Notice and Invitation to Bid</p> <p>T1.2 - Bid Data</p> <p>T1.3 - Annexure F - Standard Conditions of Bid</p> <p>Part T2: Returnable documents</p> <p>T2.1 - List of returnable documents</p> <p>T2.2 - Returnable schedules (See different forms listed in T2.1 - Returnable Schedule)</p> <p>CONTRACT</p> <p>Part C1: Agreements and Contract Data</p> <p>C1.1 - Form of Offer and Acceptance</p> <p>C1.2 - Contract Data</p> <p></p> <p>Part C2: Pricing data</p> <p>C2.1 - Pricing Instructions</p> <p>C2.2 - Preliminaries and General</p> <p>C2.3 - Bills of Quantities</p> <p></p> <p>Part C3: Scope of works</p> <p>C3.1 - Scope of Works</p> <p>C3.2 - Specification for HIV/AIDS awareness</p> <p>C3.3 - HIV/STI Compliance report</p> <p>C3.4 - Project Specific Construction Safety, Health and Environmental Specification</p> <p>C3.5 - Supplementary Preambles</p>		

F.1.2	Part C4: Site information	
	C4.1 -	Site information is as per Anexure "A"
	Part 5: List Annexure's	
	C5.1 -	Annexure "A" - TECHNICAL SPECIFICATION
F.1.4	The Employer's agent (Engineer/Principal Agent) is:	
	Name:	Mr. E. Schutte
	Capacity:	Project Leader
	Address:	Private Bag X9051 , , Pietermaritzburg , 3200
	Tel:	033 940 2539
	Fax:	
	E-mail:	erich.schutte@kznhealth.gov.za
	Responsible person:	Mr. E. Schutte
	The second sentence shall read "Communications can be in any of the official languages recognised in KwaZulu-Natal which is English, Afrikaans or Zulu but writing is preferred in English as this is generally accepted as a business language"	
F.1.6	PP2-Competitive Selection Procedure	Management Contractor
	PP2D-Quotation Procedure	
F.2.1 F.3.11	For eligibility refer to T1.1 Bid Notice and Invitation to Bid.	
	This is not an EPWP project	
<p>Only those tenderer's who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractors grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a 5EB /5EP class of construction works, are eligible to submit tenders</p> <p><u>Joint Ventures are eligible to submit tenders provided that:</u></p> <ol style="list-style-type: none"> every member of the joint venture is registered with the CIDB the lead partner has a Contractor grading designation in the 4 EB /4 EP The combined Contractor grading designation calculated in accordance with the CIDB's Regulations is equal to or higher than a contractor grading designation determined in accordance with the tendered for a 5 EB /5 EP class of construction 		
See end of T2.3 AUTHORITY FOR CONSORTIA OR JOINT VENTURES TO SIGN BID for combinations of JV's arrangements.		
F.2.7	For particulars regarding a pre-tender site inspection meeting (clarification meeting), see T1.1 Bid Notice and Invitation to Bid.	
F.2.12	Alternative bid offer permitted:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X <input type="checkbox"/>
Only the complete Service as per the Bills of Quantities		

F.2.13.2	Bidders are to ensure that their company details appear on the entire relevant bid documentation and must be legible.
F.2.13.3	Part of each tender offer communicated on paper shall be submitted as an original, plus ONE copy of the bid document including supporting documents and priced Bill of Quantities where applicable, scanned onto a readable compact disk (CD) in pdf format, at the bidders own cost. The CD must be clearly marked with the bid information and company details.
F.2.13.4	The second sentence shall read as follows <i>"The Employer will hold all authorised signatories jointly and severally liable on behalf of the bidder"</i> . Bidders proposing to contract as a Joint Venture shall submit a valid Joint Venture Agreement before the Joint Venture's offer could be accepted. Individuals, Partnerships and Companies proposing to contract as a party to a Joint Venture shall be jointly and severally liable on behalf of the Joint Venture:
F.2.13.5	The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are as per T1.1 Bid Notice and Invitation to Bid .
F.2.13.6	A Quotation Procedure will be followed
F.3.5	
F.2.15	The closing time for submission of tender offers is as per T1.1 Bid Notice and Invitation to Bid .
F.2.16	The tender offer validity period is as per T1.1 Bid Notice and Invitation to Bid .
F.2.17	Sub-clause F2.17 does not preclude the negotiation of the final terms of the contract with the preferred bidder, following a competitive selection process, should the Employer elect to do so and provided that the competitive position of the preferred bidder is not affected.
F.2.18	No other material required This is not an EPWP project
F.2.19	Access shall be provided for inspections, tests and analysis as may be required by the Employer.
F.2.22	Bidders do not have to return all retained tender documents within 28 days after expiry of the Bid validity period.
F.2.23	Bidders are to refer to List of Returnable Schedules and Scope of Works to establish what is required to be submitted with this bid.
F.3.4.2	The location for opening of the bid offers, immediately after the closing time thereof shall be at: KZN Department of Health, Supply Chain Management, 310 Jabu Ndlovu Street, Pietermaritzburg, 3200 at the time indicated on T1.1 Notice and Invitation to Bid
F.3.8	The employer must determine, on opening and before detailed valuation, whether each bid offer properly received: a) complies with the requirements of the Conditions of Tender. b) has been properly and fully completed and signed, and c) is responsive to the other requirements of the bid documents. A responsive bid is one that conforms to all the terms, conditions and specifications of the bid documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would: a) detrimentally affect the scope, quality, or performance of the Works, services or supply identified in the Scope of Work or b) significantly change the Employers or the Bidders risks and responsibilities under the contract, or c) affect the competitive position of other Bidders presenting responsive tenders, if it were to be rectified. Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.
F.3.9	The procedure for the evaluation of responsive bids is
	Evaluation Method:
	2

<p>F.3.9.1</p>	<p>Scoring Price: Bid offers will be scored using the following formula: (Option 1) where</p> $N_{fo} = W_1 \left(1 - \left(\frac{P - P_m}{P_m} \right) \right)$ <p>N_{fo} = Number of tender evaluation points awarded for the financial offer. W_1 = The percentage score given for financial offer as in T.1.1 Bid Notice and Invitation to Bid P_m = The comparative offer of the most favourable tender offer. P = The comparative offer of tender offer under consideration.</p> <p>and where Option 1 is: $A = \left(1 - \left(\frac{P - P_m}{P_m} \right) \right)$</p> <p>Up to 100 minus W_1 tender evaluation points will be awarded to bidders who complete the preferencing schedule and who are found to be eligible for the preference claimed.</p>
<p>F.3.10 ISO 10845-3: 5.11.4</p>	<p>The procedure for the evaluation of responsive tender is: Evaluation Method 3. The financial offer will be scored using the following formula: The value of W_1 is:</p> $A = \left(1 - \left(\frac{P - P_m}{P_m} \right) \right)$ <ol style="list-style-type: none"> 1) 90 where the financial value, inclusive of VAT, of all responsive tenders received has a value in excess of R 50,000,000; or 2) 80 where the financial value, inclusive of VAT, of one or more responsive tender offers has a value that equals or is less than R 50,000,000. <p>Up to 100 minus W_1 tender evaluation points will be awarded to tenderers who complete the preferencing schedule and who are found eligible for the preference claimed.</p>
<p>F.3.11 ISO 10845-3: 5.11.5</p>	<p>The procedure for the evaluation of responsive tender is: Evaluation Method 4. The total number of tender evaluation points (T_{EV}) shall be determined in accordance with the following formula: $T_{EV} = f_1 (N_{FO} + N_Q) + f_2 N_Q$ Where f_1 and f_2 are fractions, f_1 equals 1 minus f_2 and f_2 equals</p> <p>N_{FO} is the number of tender evaluation points awarded for the financial offer made in accordance with ISO 10845-3:2011(E) 5.11.7 where the score for financial offer is calculated using the formula:</p> $A = \left(1 - \left(\frac{P - P_m}{P_m} \right) \right)$ <p>and W_1 equals:</p> <ol style="list-style-type: none"> 1) 90 where the financial value, inclusive of VAT, of all responsive tenders received has a value in excess of R 50,000,000; or 2) 80 where the financial value, inclusive of VAT, of one or more responsive tender offers has a value that equals or is less than R 50,000,000. <p>N_Q is the number of tender evaluation awarded for quality offered in accordance with 5.11.9 where $W_2 = 100$ Up to 100 minus W_1 tender evaluation points will be awarded to tenderers who complete the preferencing schedule and who are found eligible for the preference claimed.</p>
<p>F.3.12</p>	<p>Bid offers will only be accepted if:</p> <ol style="list-style-type: none"> (a) the bidder's Tax arrangements with SARS is up to date and an unconditional Tax Compliance Status varification has been submitted bt SARS as per the Tax Compliance Status PIN number. (b) the bidder is registered with the Construction Industry Development Board in an appropriate contractor grading designation is required for this tender and the bidder has submitted a CIDB certificate of registration which clearly indicates the status "Active" (c) the bidder is not in arrears for more than 3 months with municipal rates and taxes and municipal services charges. (d) the bidder has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the bidder's ability to perform to the contract in the best interests of the employer or potentially compromise the bid process. (e) the tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act, 2004 (Act No. 12 of 2004) as a person prohibited from doing business with the public sector; and (f) the bidder has not: <ol style="list-style-type: none"> i) abused the Employer's Supply Chain Management System; or ii) failed to perform on any previous contract and has been given a written notice to this effect. (g) the bidder is registered with: <ol style="list-style-type: none"> i) the Unemployment Insurance Fund (UIF); and ii) the Workmen's Compensation Fund (h) the bidder submitted Authority to Sign the tender. (i) the bidder submitted Financial standing & other resources of Business Declaration. (j) the bidder submitted Equipment Schedules, if applicable. (k) the bidder signed the Form of Offer that is part of the Form of Offer and Acceptance.

	<ul style="list-style-type: none">(l) the bidder submitted Preference Certificate, if applicable.(m) the bidder submit Final Summary of Bill of Quantities at tender closing.(n) the bidder submitted Declaration of Interest.(o) the bidder submitted Site Inspection Meeting Certificate (where applicable)(p) All information required to assess 'Functionality/Quality" as per Bid Data scheduled requirements <p>Providing the form of offer and acceptance does not contain any qualifying statements, it will constitute the formation of a contract between the employer and the successful bidder as described in the form of offer and acceptance.</p>
F.3.13	Bidders are informed that any formal dispute shall be resolved by being referred to Arbitration only.
F.3.14	Provide to the successful bidder with three copies of the signed contract document.

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE
AMAJUBA HEALTH DISTRICT.**

T1.3 - Annexure F - Standard Conditions of Tender

T1.3 - Annexure F - Standard Conditions of Tender

Note: Where this document refers to tenderer or tender it shall be read as bidder or bid.

F.1 General

F.1.1 Actions

- F.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in F.2 and F.3, timeously and with integrity, and behave equitably, honestly and transparently and comply with all legal obligations and not engage in anticompetitive practices.
- F.1.1.2 The employer and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderer's shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process or as soon as they become aware of such conflict, and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

- Note: 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.
- 2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.

- F.1.1.3 The employer shall not seek and the tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

F.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the **tender data**.

F.1.3 Interpretation

- F.1.3.1 The **tender data** and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.
- F.1.3.2 These conditions of tender, the **tender data** and tender schedules which are only required for tender evaluation purposes, shall not form part of any contract arising from the invitation to tender.
- F.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

- a) **conflict of interest** means any situation in which:
- i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfil his or her duties impartially;
 - ii) an individual or organisation is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
 - iii) incompatibility or contradictory interest exist between an employee and the organisation which employs that employee.
- b) **comparative offer** means the price after the factors of a non-firm price and all unconditional discounts it can be utilised to have been taken into consideration;
- c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process; and
- d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels.

- e) **organization** means a company, firm, enterprise, association or other legal entity, whether incorporated or not, or a public body.
- f) **Quality** means the totality of features and characteristics of a product or service that bear on its ability to satisfy stated or implied needs.

F.1.4 Communication and employer's agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be read, copied and recorded. Communication shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the **tender data**.

F.1.5 Cancellation and Re-Invitation of Tenders

- F.1.5.1** An organ of state may, prior to the award of the tender, cancel a tender if-
 - a) due to changed circumstances, there is no longer a need for the services, works or goods requested; or
 - b) funds are no longer available to cover the total envisaged expenditure; or
 - c) no acceptable tenders are received.
 - d) there is a material irregularity in the tender process.
- F.1.5.2** The decision to cancel a tender must be published in the cidb website and in the government Tender Bulletin for the media in which the original tender invitation was advertised.
- F.1.5.3** An Organ of State may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.

F.1.6 Procurement procedures

F.1.6.1 General

Unless otherwise stated in the **tender data**, a contract will, subject to F.3.13, be concluded with the tenderer who in terms of F.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

F.1.6.2 Competitive negotiation procedure

- F.1.6.2.1** Where the **tender data** requires that the competitive negotiation procedure is to be followed, tenderer's shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of F.3.4, the employer shall announce only the names of the tenderer's who make a submission. The requirements of F.3.8 relating to the material deviations or qualifications which affect the competitive position of tenderer's shall not apply.
- F.1.6.2.2** All responsive tenderer's, or not less than three responsive tenderer's that are highest ranked in terms of the evaluation criteria stated in the **tender data**, shall be invited in each round to enter into competitive negotiations, based on the principle of equal treatment and keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of F.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.
- F.1.6.2.3** At the conclusion of each round of negotiations, tenderer's shall be invited by the employer to make a fresh tender offer, based on the same evaluation criteria, with or without adjusted weightings. Tenderer's shall be advised when they are to submit their best and final offer.
- F.1.6.2.4** The contract shall be awarded in accordance with the provisions of F.3.11 and F.3.13 after tenderer's have been requested to submit their best and final offer.

F.1.6.3 Proposal procedure using the two stage - system

F.1.6.3.1

Option 1

Tenderer's shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the **tender data**, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

F.1.6.3.2

Option 2

F.1.6.3.2.1 Tenderer's shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderer's to submit tender offers in the second stage, following the issuing of procurement documents.

F.1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the **tender data**, and award the contract in terms of these conditions of tender.

F.2 Tenderer's obligations

F.2.1 Eligibility

F.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the **tender data** and the tenderer, or any of his principals, is not under any restriction to do business with employer.

F.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

F.2.2 Cost of tendering

F.2.2.1 Accept that, unless otherwise stated in the **tender data**, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

F.2.2.2 The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

F.2.3 Check documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

F.2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

F.2.5 Reference documents

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

F.2.6 Acknowledge addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the **tender data**, in order to take the addenda into account.

F.2.7 Clarification meeting

Attend, where required, a clarification meeting at which tenderer's may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the **tender data**.

F.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five working days before the closing time stated in the **tender data**.

F.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) may not be for the full cover required in terms of the conditions of contract identified in the **contract data**. The tenderer is advised to seek qualified advice regarding insurance.

F.2.10 Pricing the tender offer

F.2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT)), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the **tender data**.

F.2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

F.2.10.3 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the **contract data**.

F.2.10.4 State the rates and prices in Rand unless instructed otherwise in the **tender data**. The conditions of contract identified in the contract data may provide for part payment in other currencies.

F.2.11 Alterations to documents

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations.

F.2.12 Alternative tender offers

F.2.12.1 Unless otherwise stated in the **tender data**, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.

F.2.12.2 Accept that an alternative tender offer may be based only on the criteria stated in the **tender data** or criteria otherwise acceptable to the employer.

F.2.13 Submitting a tender offer

F.2.13.1 Submit one tender offer only, either as single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the **contract data** and described in the **scope of works**, unless stated otherwise in the **tender data**.

F.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

F.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the **tender data**, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.

F.2.13.4 Sign the original and all copies of the tender offer where required in terms of the **tender data**. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderer's proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

F.2.13.5 Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the **tender data**, as well as the tenderer's name and contact address.

F.2.13.6 Where a two-envelope system is required in terms of the **tender data**, place and seal the returnable documents listed in the tender data in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope shall state on the outside the employer's address and identification details stated in the **tender data**, as well as the tenderer's name and contact address.

F.2.13.7 Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the **tender data**.

F.2.13.8 Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

F.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the **tender data**.

F.2.14 Information and data to be completed in all respects

Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as non-responsive.

F.2.15 Closing time

F.2.15.1 Ensure that the employer receives the tender offer at the address specified in the **tender data** not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.

F.2.15.2 Accept that, if the employer extends the closing time stated in the **tender data** for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

F.2.16 Tender offer validity

F.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the **tender data** after the closing time stated in the **tender data**.

F.2.16.2 If requested by the employer, consider extending the validity period stated in the **tender data** for an agreed additional period with or without any conditions attached to such extension.

F.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substitutes by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted.

F.2.16.4 Where a tender submission is to be substituted, submit a substitute tender in accordance with the requirements of F.2.13 with the packages clearly marked as "SUBSTITUTE".

F.2.17 Clarification of tender offer after submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderer's or substance of the tender offer is sought, offered, or permitted.

Note: *Sub-clause F.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.*

F.2.18 Provide other material

F.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

F.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

F.2.19 Inspections, tests and analysis

Provide access during working hours to premises for inspections, tests and analysis as provided for in the **tender data**.

F.2.20 Submit securities, bonds, policies, etc.

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the **contract data**.

F.2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

F.2.22 Return of other tender documents

If so instructed by the employer, return all retained tender documents within 28 days after the expiry of the validity period stated in the **tender data**.

F.2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the **tender data**.

F.3 The employer's undertakings

F.3.1 Respond to request from the tenderer

F.3.1.1 Unless otherwise stated in the **tender data**, respond to a request for clarification received up to five working days before the tender closing time stated in the **tender data** and notify all tenderer's who drew procurement documents.

F.3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

F.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three days before the tender closing time stated in the **tender data**. If, as a result a tenderer applies for an extension to the closing time stated in the **tender data**, the Employer may grant such extension and, shall then notify all tenderer's who drew documents.

F.3.3 Return late tender offers

Return tender offers received after the closing time stated in the **tender data**, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

F.3.4 Opening of tender submissions

F.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderer's agents who choose to attend at the time and place stated in the **tender data**. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

F.3.4.2 Announce at the opening held immediately after the opening of tender submissions, at a venue indicated in the **tender data**, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, number of points claimed for its BBBEE status level and time for completion for the main tender offer only.

F.3.4.3 Make available the record outlined in F.3.4.2 to all interested persons upon request.

F.3.5 Two-envelope system

F.3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderer's agents who choose to attend at the time and place stated in the **tender data** and announce the name of each tenderer whose technical proposal is opened.

F.3.5.2 Evaluate the functionality (quality) of the technical proposals offered by tenderer's, then advise tenderer's who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderer's, who score in the functionality (quality) evaluation more than the minimum number of points for functionality (quality) stated in the **tender data**, and announce the score obtained for the technical proposals and the total price and any preferences claimed. Return unopened financial proposals to tenderer's whose technical proposals failed to achieve the minimum number of points for functionality (quality).

F.3.6 Non-disclosure

Not disclose to tenderer's, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

F.3.7 Grounds for rejection and disqualification

Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

F.3.8 Test for responsiveness

F.3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received:

- a) complies with the requirements of these Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

F.3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:

- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
- b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
- c) affect the competitive position of other tenderer's presenting responsive tenders, if it were to be rectified.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

F.3.9 Arithmetical errors, omissions and discrepancies

F.3.9.1 Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with F.3.11 for:

- a) the gross misplacement of the decimal point in any unit rate;
- b) omissions made in completing the pricing schedule or bills of quantities; or
- c) arithmetic errors in:
 - i) line items totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - ii) the summation of the prices.

F.3.9.2 The employer must correct the arithmetical errors in the following manner:

- a) Where there is a discrepancy between the amounts in words and amounts in figures, the amount in words shall govern.
- b) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
- c) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

Consider the rejection of a tender offer if the tenderer does not correct or accept the correction of the arithmetical error in the manner described above.

F.3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

F.3.11 Evaluation of tender offers

F.3.11.1 General

Appoint an evaluation panel of not less than three persons. Reduce each responsive tender offer to a comparative offer and evaluate them using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the **tender data**.

F.3.11.2 Method 1: Financial Offer

In the case of a financial offer

- a) rank tender offers from the most favourable to the least favourable comparative offer, and
- b) recommend the highest ranked tenderer for the award of the contract, unless there are compelling and justifiable reasons not to do so.

Re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest ranked tender, and recommend the highest ranked tenderer, unless there are compelling and justifiable reasons not to do so, in which case the process set out in this subclause shall be repeated.

F.3.11.3 Method 2: Financial Offer And Quality

In the case of a financial offer and quality,

- a) score each tender in respect of the financial offer made and quality offered in accordance with provisions of items 5.11.7 and 5.11.9 (of SANS 10845 - Part 3 and as detailed in F.3.11.2 Scoring financial offer and Scoring Quality), rejecting all tender offers that fail to score the minimum number of points for quality stated in the tender data, if any,
- b) calculate the total number of tender evaluation points (T_{EV}) in accordance with the following formula:

$$T_{EV} = N_{FO} + N_Q$$

where:

N_{FO} is the number of tender evaluation points awarded for the financial offer made in accordance with SANS 10845- part 3-clause 5.11.7;

N_Q is the number of tender evaluation points awarded for quality offered in accordance with SANS 10845- part 3-clause 5.11.9.

- c) rank tender offers from the highest number of tender evaluation points to the lowest, and
- d) recommend the tenderer with the highest number of tender evaluation points to the lowest, and

Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation point, and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so, in which case the process set out in this subclause shall be repeated.

- c) Rank tender offers from the highest number of tender evaluation points to the lowest.
- d) 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.
- e) Rescore and re-rank all tenderer's should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points, and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this sub clause is repeated.

F.3.11.4 Method 3: Financial offer and quality

In the case of a financial offer and quality;

- a) Score each tender in respect of the financial offer made and the quality offered in accordance with the provisions of F.3.11.7 and F.3.11.9, rejecting all tender offers that fail to score the minimum number of points for quality stated in the **tender data**, if any.
- b) Calculate the total number of tender evaluation points (T_{EV}) in accordance with the following formula:

$$T_{EV} = N_{FO} + N_Q$$

where: N_{FO} is the number of tender evaluation points awarded for the financial offer made in accordance with F.3.11.7;

N_Q is the number of tender evaluation points awarded for quality offered in accordance with F.3.11.9.

- c) Rank tender offers from the highest number of tender evaluation points to the lowest.
- d) Recommend 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.
- e) Rescore and re-rank all tenderer's should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points, and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this sub clause is repeated.

F.3.11.5 Method 4: Financial offer, quality and preferences

In the case of a financial offer, quality and preferences:

- a) Score each tender in respect of the financial offer made, preference claimed, if any, and the quality offered in accordance with the provisions of F.3.11.7 to F.3.11.9, rejecting all tender offers that fail to score the minimum number of points for quality stated in the **tender data**, if any.
- b) Calculate the total number of tender evaluation points (T_{EV}) in accordance with the following formula, unless otherwise stated in the **tender data**:

$$T_{EV} = N_{FO} + N_p + N_Q$$

where: N_{FO} is the number of tender evaluation points awarded for the financial offer made in accordance with F.3.11.7;
 N_p is the number of tender evaluation points awarded for preferences claimed in accordance with F.3.11.8.
 N_Q is the number of tender evaluation points awarded for quality offered in accordance with F.3.11.9.

- c) Rank tender offers from the highest number of tender evaluation points to the lowest.
- d) Recommend 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.
- e) Rescore and re-rank all tenderer's should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points, and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this sub clause is repeated.

F.3.11.4

Method 3: Financial offer And preference

In the case of a financial offer and preference;

- a) Score each tender in respect of the financial offer made and the preference claimed, if any in accordance with the provisions of SANS 10845-part 3 clauses 5.11.7 and 5.11.8,
- b) Calculate the total number of tender evaluation points (T_{EV}) in accordance with the following formula:

$$T_{EV} = N_{FO} + N_p$$

where: N_{FO} is the number of tender evaluation points awarded for the financial offer made in accordance with SANS 10845-part 3 clause 5.11.7;
 N_p is the number of tender evaluation points awarded for preference claimed in accordance with SANS 10845-part 3 clause 5.11.8,

- c) Rank tender offers from the highest number of tender evaluation points to the lowest, and
- d) 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.

Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points, and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this sub clause is repeated.

F.3.11.5

Method 4: Financial offer, Quality and Preferences

In the case of a financial offer, quality and preferences:

- a) Score each tender in respect of the financial offer made, the preference claimed, if any, and the quality offered in accordance with the provisions of SANS 10845-part 3 clauses 5.11.7 to 5.11.9, rejecting all tender offers that fail to score the minimum number of points for quality stated in the **tender data**, if any.
- b) Calculate the total number of tender evaluation points (T_{EV}) in accordance with the following formula, unless otherwise stated in the **tender data**:

$$T_{EV} = N_{FO} + N_p + N_Q$$

where: N_{FO} is the number of tender evaluation points awarded for the financial offer made in accordance with SANS 10845-part 3 clause 5.11.7;

N_p is the number of tender evaluation points awarded for preferences claimed in accordance with SANS 10845-part 3 clause 5.11.8.

N_Q is the number of tender evaluation points awarded for quality offered in accordance with SANS 10845-part 3 clause 5.11.9.

- c) Rank tender offers from the highest number of tender evaluation points to the lowest, and
- d) Recommend 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.

Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points, and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this sub clause is repeated.

F.3.11.6 Decimal places

Score financial offers, preference and quality, as relevant, to two decimal places.

F.3.11.7 Scoring Financial offers

Score financial offer using the following formula:

$$N_{FO} = W_1 \times A$$

where:

N_{FO} = the number of tender evaluation points awarded for financial offer.

W_1 = the maximum possible number of tender evaluation points awarded for financial offer as stated in the **tender data**.

A = a number calculated using the relevant formula and option described in Table 1 as stated in the **tender data**.

Table 1: Formulae for calculating the value of A

Formula	Basis for comparison	Formula
1	Highest price or discount	$A = P/P_m$
2	Lowest price or percentage commission / fee	$A = P_m/P$
a	P_m is the comparative offer of the most favourable comparative offer. P is the comparative offer of the tender offer under consideration.	

F.3.11.8 Scoring preferences

Confirm that tenderer's are eligible for the preferences claimed in accordance with the provisions of the **tender data** and reject all claims for preferences where tenderer's are not eligible for such preferences.

Calculate the total number of tender points for preferences claimed in accordance with the provisions of the **tender data**.

F.3.11.9 Scoring quality

Score each of the criteria and sub criteria for quality in accordance with the Calculate the total number of tender evaluation points for quality using the following formula:

$$N_Q = W_2 \times S_O / M_S$$

where: S_O is the score for quality allocated to the submission under consideration;

M_S is the maximum possible score for quality in respect of a submission; and

W_2 is the maximum possible number of tender evaluation points awarded for the quality as stated in the **tender data**.

F.3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or

F.3.13 Acceptance of tender offer

Accept tender offer, if in the opinion of the employer, it does not present any unacceptable commercial risk

- a) Is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
- c) has the legal capacity to enter into the contract,
- d) is not insolvent, in receivership, bankrupt or being wound up, has his affairs administered by a court or judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,
- e) complies with the legal requirements, if any, stated in the **tender data**, and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

F.3.14 Prepare contract documents

F.3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents, and
- c) other revisions agreed between the employer and the successful tenderer.

F.3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

F.3.15 Dispute resolution by Arbitration ONLY

Omit Following Words:

"Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected Adjudicator at the same time as the main contract is signed."

Add: All disputes shall be resolved by referring to a single Arbitrator, as per Clause 10.7. Notwithstanding any clauses in the GCC 2010 (Second Edition) referring to dispute notices, any dispute of whatsoever nature arising out of this contract concerning any of the rights and /or obligations of any matters thereto, either during the currency of the contract or after the completion thereof, including any dispute as to the validity of the contract, is hereby referred to Arbitration. The parties agree to accept the Arbitrator's award as the final decision and the award shall be deemed as final and binding upon them. The consequence of the above mentioned provisions is that NO dispute will first be referred to ADJUDICATION BUT DIRECTLY TO ARBITRATION

The arbitrator shall be:

- a) selected by agreement between the parties, or failing such agreement,
- b) appointed at the request of either party by the Chairman for the time being of the Association of Arbitrators.
- c) The cancellation of this contract by either party for whatever reason shall not affect the validity of this clause.

- d) The Arbitrator's fees and all Defence Counsel fees are fully refundable by the contractor to the Arbitrator / Employer prorata to the Award being in the Employer's favour, conversely this condition will apply should the Award be in the Contractor's favour.

F.3.16 Notice to unsuccessful tenderer's

F.3.16.1 Notify the successful tenderer of the employer's acceptance of his tender offer by completing and returning one copy of the form of offer and acceptance before the expiry of the validity period stated in the **tender data**, or agreed additional period.

F.3.16.2 After the successful tenderer has been notified of the employer's acceptance of the tender, notify other tenderer's that their tender offers have not been accepted.

F.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the **tender data** of the signed copy of the

F.3.18 Provide written reasons for actions taken

Provide upon request written reasons to tenderer's for any action that is taken in applying these conditions of tender, but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderer's or might prejudice fair competition between tenderer's.

F3.19 Transparency in the procurement process

- F3.19.1 The CIDB prescripts require that tenders must be advertised and be registered on the CIDB i-
- F3.19.2 The employer must adopt a transparency model that incorporates the disclosure and accountability
- F3.19.3 The transparency model must identify the criteria for selection of projects, project information
- F3.19.4 The client must publish the information on a quarterly basis which contains the following
- Procurement planning process
 - Procurement method and evaluation process
 - Contract type
 - Contract status
 - Number of firms tendering
 - Cost estimate
 - Contract title
 - Contract firm(s)
 - Contract price
 - Contract scope of work
 - Contract start date and duration
 - Contract evaluation reports
- F3.19.5 The employer must establish a Consultative Forum which will conduct a random audit in the implementation of the transparency requirements in the procurement process.
- F3.19.6 Consultative Forum must be an independent structure from the bid committees.
- F3.19.7 The information must be published on the employer's website.
- F3.19.8 Records of such disclosed information must be retained for audit purposes.

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE
AMAJUBA HEALTH DISTRICT.**

PART T2 - RETURNABLE DOCUMENTS

T2.1 LIST OF RETURNABLE DOCUMENTS

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Project Manager:	Mr. E. Schutte	Bid no:	ZNB 9707/2019-H

1. RETURNABLE SCHEDULES REQUIRED FOR BID EVALUATION PURPOSES

(Bidder to insert a tick (✓) in the "Returnable document" column to check which documents he/she returned with the bid)

Bid document name	Returnable document	
Declaration of Interest - SBD 4	Yes	
Authority to Sign Bid	Yes	
Authority for Consortia or Joint Venture's to Sign Bid	Yes	
Special Resolution of Consortia or Joint Venture's	Yes	
Schedule of Proposed Sub-Contractors	Yes	
Joint Venture Involvement Declaration	Yes	
Capacity of Bidder	Yes	
Annual Financial Statement for past financial year	Yes	
Site Inspection Certificate as proof for attendance of compulsory site meeting. (if applicable)	Yes	
Preference Certificate	Yes	
Compulsory Enterprise Questionnaire.	Yes	
Financial Standing and other resources of Business Declaration (If Applicable).	Yes	
Contractor's Safety, Health and Environmental Declaration.	Yes	
Final Summary of Bill of Quantities	Yes	
Certificate of Independent Bid Determination - SBD 9	Yes	
Proof of CIDB Registration Number	Yes	
Contract Form - Purchase of Goods/Works - Part 1	Yes	
Contract Form - Purchase of Goods/Works - Part 2	Yes	
Quality Criteria	Yes	

2. RETURNABLE SCHEDULES REQUIRED FOR BID EVALUATION PURPOSES BUT TO BE SUPPLIED BY THE BIDDER

(Bidder to insert a tick (✓) in the "Returnable document" column to check which documents he/she returned with the bid)

Bid document name	Returnable document	
Tax Compliance Status (TCS) PIN to verify on line Compliance Supplier Status via e-Filing	Yes	
Proof of Good Standing with the Compensation Commissioner (Attach)	Yes	
Proof of payment of Bid deposit	Yes	
Proof of Paid Municipal Rates and Taxes (F3.13.1 - Bid Data) (Attach)	Yes	
Proof of UIF Registration (F3.13.1 - Bid Data) (Attach)	Yes	
Proof of Registration Number on the Central Suppliers Database	Yes	
Annual Financial Statement for past financial year	Yes	
Entire bid document including returnable and supporting documents, scanned as PDF onto a CD, clearly marked with the Bid information.	Yes	

3. RETURNABLE SCHEDULES THAT WILL BE INCORPORATED INTO THE CONTRACT

(Bidder to Insert a tick (√) in the "Returnable document" column to check which documents he/she returned with the bid)

Bid document name	Returnable document	
Form of Offer and Acceptance (Bound into Section 1 of 2)	Yes	
Record of Addenda to Bid Documents	Yes	
Particulars of Electrical Contractor	Yes	
Schedule of Imported Materials and Equipment	Yes	
Confirm Receipt of Offer and Acceptance	Yes	

4. OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

(Bidder to Insert a tick (√) in the "Returnable document" column to check which documents he/she returned with the bid)

Bid document name	Returnable document	
Bill of Quantities	Yes	
	Yes	
Declaration of Bidders Past SCM Practices - SBD 8	Yes	
	Yes	
The National Industrial Participation Programme	Yes	
Required Structure of Contractor's detailed OHSE Plan	Yes	
Client's specific requirements for the Contractor's detailed OHSE Plan	Yes	
Base line Risk Assessment	Yes	
Declaration Certificate for local production and content for designated sectors - SBD 6.2	Yes	

5. DOCUMENTS REQUIRED FOR THE EVALUATION OF FUNCTIONALITY

(Bidder to Insert a tick (√) in the "Returnable document" column to check which documents he/she returned with the bid)

Bid document name	Returnable document	

T2.2 AUTHORITY TO SIGN BID

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 (town): _____ on (date): _____

RESOLVED that:

1. The Enterprise submits a Bid to the KZN Department of Public Works in respect of the following project:

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

Bid Number: **ZNB 9707/2019-H**

2.

*Mr./Mrs./Ms: _____

in *his/her capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____ (Authorised Signatory)

be, and is hereby, authorised to sign the Bid, and any and all other documents and/or correspondence in connection with and relating to this Bid, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid to the Enterprise mentioned above.

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			

Note:

1. * Delete which is not applicable.
2. NB. This resolution / Power of Attorney must be signed by all the Directors / Members / Partners of the Legal Tendering Enterprise authorising the Representative to make this Offer.
3. Should the number of Directors / Members/Partners exceed the space available above, additional names and signatures must be supplied on a separate page.
4. In the case of the tendering Enterprise being a Close Corporation, a **certified copy of the Founding Statement** of such corporation must be attached to this tender.

ENTERPRISE STAMP (If Any)

T2.3 AUTHORITY FOR CONSORTIA OR JOINT VENTURES TO SIGN BID

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 (town): _____ on (date): _____

RESOLVED that:

1. The Enterprise submits a Bid, 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 KZN Department of Health in respect of the following project:

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

Bid Number: **ZNB 9707/2019-H**

2. * Mr. / Mrs. / Ms.: _____ in

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

and who will sign as follows: _____

be, and is hereby, authorised 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.

- 3. The Enterprise accepts joint and several liability with the parties listed under item 1 above 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.
- 4. 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: (Dialling Code followed by number) _____

Fax number: (Dialling Code followed by number) _____

Email Address : _____

***BOARD OF DIRECTORS / MEMBERS / PARTNERS in Consortium of Joint Venture**

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Note:

1. * Delete which is not applicable.
2. **NB.** This resolution / Power of Attorney must be signed by all the Directors / Members / Partners of the Bidding Enterprise.
3. Should the number of Directors / Members/Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

ENTERPRISE STAMP (If Any)

Deemed to satisfy joint venture arrangements

Grading 2 + Grading 2 + Grading 2
Grading 3 + Grading 3 + Grading 3
Grading 4 + Grading 4
Grading 4 + Grading 3 + Grading 3
Grading 5 + Grading 5
Grading 5 + Grading 4 + Grading 4
Grading 6 + Grading 6
Grading 6 + Grading 5 + Grading 5
Grading 7 + Grading 7 + Grading 7
Grading 8 + Grading 8 + Grading 8

Designation

= 3
= 4
= 5
= 5
= 6
= 6
= 7
= 7
= 8
= 9

Bidders who envisage entering into a Joint Venture shall complete a submit a Joint Venture Agreement (see copy of CIDB's agreement elsewhere in this document) with this bid.

T2.4 SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorised representatives of the following legal entities who have entered into a consortium/joint venture to jointly bid for the project mentioned below: *(legally correct full names and registration numbers, of the Enterprises forming a Consortium/Joint Venture)*

- _____
- _____
- 2. _____
- _____
- 3. _____
- _____
- 4. _____
- _____
- 5. _____
- _____
- 6. _____
- _____
- 7. _____
- _____
- 8. _____
- _____

held at: _____ (place) on _____ (date)

RESOLVED that:

- A. The above-mentioned Enterprises submits a Tender in Consortium/Joint Venture to the KZN Department of Health in respect of the following project:

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

Tender Number: **ZNB 9707/2019-H**

Project Code: **0**

B. Mr/Mrs/Ms: _____ in

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

and who will sign as follows: _____

be, and is hereby, authorised to sign the Tender, and any and all other documents and/or correspondence in connection with and relating to the Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Tender to the Enterprises in Consortium/Joint Venture mentioned above.

C. The Enterprises constituting the Consortium/Joint Venture, notwithstanding its composition, shall conduct all business under the name and style of:

D. The Enterprises to the Consortium/Joint Venture accept joint and several liability for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.

E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item D above.

F. No Enterprise to the Consortium/Joint venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.

G. The Enterprises choose as the *domicilium citandi et executandi* of the consortium/joint venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address: _____

(Postal Code)

Postal Address: _____

(Postal Code)

Telephone number: (Dialling Code followed by number) _____

Fax number: (Dialling Code followed by number) _____

Email Address : _____

***BOARD OF DIRECTORS / MEMBERS / PARTNERS in Consortium of Joint Venture**

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Note:

1. * Delete which is not applicable.
2. **NB.** This resolution / Power of Attorney must be signed by all the Duly Authorised Representatives of the Legal Entities to the Consortium/Joint Venture submitting this Bid.
3. Should the number of Duly Authorised Representatives of the Legal Entities joining forces in this Bid exceed the space available above, additional names and signatures must be supplied on a separate page.
4. Resolutions, duly completed and signed, from the separate Enterprises who participate in this Consortium/Joint Venture must be attached to the Special Resolution.

T2.5 JOINT VENTURES INVOLVEMENT DECLARATION

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	0

DECLARATION RELATING TO A BID SUBMITTED BY A JOINT VENTURE :

I/We the undersigned parties do hereby declare that our respective involvement in the Works, of which I/we tender by Joint Venture, would be as follows :-

Party No. 1	
CENTRAL SUPPLIERS DATABASE REGISTRATION NO:	
BIDDERS CIDB REGISTRATION NUMBER:	
Name	
Address	
Percentage involvement	%

Party No. 2	
CENTRAL SUPPLIERS DATABASE REGISTRATION NO:	
BIDDERS CIDB REGISTRATION NUMBER:	
Name	
Address	
Percentage involvement	%

Party No. 3	
CENTRAL SUPPLIERS DATABASE REGISTRATION NO:	
BIDDERS CIDB REGISTRATION NUMBER:	
Name	
Address	
Percentage involvement	%

Signed - Party No. 1

I/We (Full Name) _____

duly authorised in my capacity as _____

of (Enterprise name): _____

do jointly and severally accept responsibility for the due performance of the Works contained in the above project should such bid submitted by the Joint Venture be accepted.

Signed by Authorised Representative

Date

Signed - Party No. 2

I/We (Full Name) _____

duly authorised in my capacity as _____

of (Enterprise name): _____

do jointly and severally accept responsibility for the due performance of the Works contained in the above project should such tender submitted by the Joint Venture be accepted.

Signed by Authorised Representative

Date

Signed - Party No. 3

I/We (Full Name) _____

duly authorised in my capacity as _____

of (Enterprise name): _____

do jointly and severally accept responsibility for the due performance of the Works contained in the above project should such tender submitted by the Joint Venture be accepted.

Signed by Authorised Representative

Date

T2.6 SCHEDULE OF PROPOSED SUBCONTRACTORS

Project title: SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

Bid no: ZNB 9707/2019-H **Project Code:** 0

We notify you that it is our intention to employ the following Subcontractors for work in this contract. The Subcontractors will all be CIDB registered and their CIDB Registration number shall be submitted below.

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.

We confirm that all subcontractors who are contracted to construct a house are registered as home builders with the National Home Builders Registration Council.

No	Name and address of proposed Subcontractor	Nature and extent of work	Year Completed	Value (R):	Contact Tel No:	Previous experience with Subcontractor
1	CIDB Registration Number:					
2	CIDB Registration Number:					
3	CIDB Registration Number:					
4	CIDB Registration Number:					
5	CIDB Registration Number:					
Name of authorised representative		Signature	Capacity		Date	
Name of Enterprise:						

T2.7 CAPACITY OF BIDDER

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.	
Project title:	
Bid no:	ZNB 9707/2019-H
	Project Code:

1. **WORK CAPACITY:** (The Bidder is requested to furnish the following capacity particulars and to attach additional pages if more space is required. Failure to furnish the particulars may result in the Bid being disregarded.)

1.1. **Artisans and Employees:** *(Artisans and Employees to be ,or are ,employed for this project)*

Categories of Employee - Key Personnel (part of Business Enterprise)	Professional Registration No.	Date of Employment	Number
Manager			
Artisans			
Semi-skilled employees			
Unskilled employees			
Professionally Registered Engineer/Technician or other competent person (in house or sub-contractor)			

2. PARTICULARS OF THE BIDDERS CURRENT AND PREVIOUSLY COMPLETED COMMITMENTS:

2.1. Current private sector projects: (List the 5 projects closest to the contractor grading designation of this project)

1	Project Name	Date of commencement
	Place (town)	Contract Amount (R)
	Reference / Contact person	Contract period
	Contact Tel. No.	Scheduled date of completion
2	Project Name	Date of commencement
	Place (town)	Contract Amount (R)
	Reference / Contact person	Contract period
	Contact Tel. No.	Scheduled date of completion
3	Project Name	Date of commencement
	Place (town)	Contract Amount (R)
	Reference / Contact person	Contract period
	Contact Tel. No.	Scheduled date of completion
4	Project Name	Date of commencement
	Place (town)	Contract Amount (R)
	Reference / Contact person	Contract period
	Contact Tel. No.	Scheduled date of completion
5	Project Name	Date of commencement
	Place (town)	Contract Amount (R)
	Reference / Contact person	Contract period
	Contact Tel. No.	Scheduled date of completion

2.2. Current Government sector projects: (List the 5 projects closest to the contractor grading designation of this project)

1	Project Name	Date of commencement
	Place (town)	Contract Amount (R)
	Reference / Contact person	Contract period
	Contact Tel. No.	Scheduled date of completion
2	Project Name	Date of commencement
	Place (town)	Contract Amount (R)
	Reference / Contact person	Contract period
	Contact Tel. No.	Scheduled date of completion
3	Project Name	Date of commencement
	Place (town)	Contract Amount (R)
	Reference / Contact person	Contract period
	Contact Tel. No.	Scheduled date of completion
4	Project Name	Date of commencement
	Place (town)	Contract Amount (R)
	Reference / Contact person	Contract period
	Contact Tel. No.	Scheduled date of completion
5	Project Name	Date of commencement
	Place (town)	Contract Amount (R)
	Reference / Contact person	Contract period
	Contact Tel. No.	Scheduled date of completion

2.3. Previously completed projects: (List the 5 projects closest to the contractor grading designation of this project)

1	Project Name		Date of commencement
	Place (town)		Contract Amount (R)
	Reference / Contact person		Contract period
	Contact Tel. No.		Date completed
2	Project Name		Date of commencement
	Place (town)		Contract Amount (R)
	Reference / Contact person		Contract period
	Contact Tel. No.		Date completed
3	Project Name		Date of commencement
	Place (town)		Contract Amount (R)
	Reference / Contact person		Contract period
	Contact Tel. No.		Date completed
4	Project Name		Date of commencement
	Place (town)		Contract Amount (R)
	Reference / Contact person		Contract period
	Contact Tel. No.		Date completed
5	Project Name		Date of commencement
	Place (town)		Contract Amount (R)
	Reference / Contact person		Contract period
	Contact Tel. No.		Date completed
Name of Bidder		Signature of authorised representative	Date

T2.8 FINANCIAL STANDING AND OTHER RESOURCES OF BUSINESS DECLARATION			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

- (a) Based on the track record determined on the Minimum Average Annual Turnover coupled to the assessed Works Capabilities of Contracting Enterprises, the Construction Industry Development Board (CIDB) awards Grading Designations and accordingly registers it on the system.
- This confirms that a Contractor has, at the time of registration, in the absence of any supply side interventions, sufficient working capital to commence the Works for a single contract and render due performance.
- (b) However, it regularly occurs that a Contractor will at the same time submit tenders for a number of projects that are advertised during an overlapping period. Moreover, the Contractor may be busy with a Contract that is of the registered CIDB Grading Designation (value) or is even attending to a number of smaller valued Contracts.
- (c) It therefore becomes the prerogative of a Bidder in such instances to prove to the Department that the Enterprise has the capacity in every respect to attend to more than one (1) contract at a time.
- (d) A Bidder who wishes to be considered for this tender Contract award, over and above other tenders that they have submitted, shall submit when requested by the DoH the necessary proof that:
- (i) he/she has access to additional finance (inclusive of a PERFORMANCE GUARANTEE BY A REGISTERED FINANCIAL INSTITUTION),
 - (ii) he/she has additional Human Resources available to successfully complete this project.
 - (iii) he/she has adequate Equipment, Plant and Machinery that all of the above can, undoubtedly, be sourced for this tender. (Please submit to the DoPW the name and contact details of the supplier if the Bidder is going to hire Equipment, Plant or Machinery, when requested.)
- (e) Bidder to submit their latest 12 months audited financial statements with the returnable documents.

I, the undersigned,

(name of person authorized to sign on behalf of the Bidder)

understand that it is the responsibility of the Bidder to prove and provide when requested by the DoH, evidence of the good Financial Standing of the Business to complete the Contract successfully.

Furthermore, it is understood that failure to provide when requested by DoH, at least the information as stated in paragraphs (d)(i)(ii) AND (iii) above will not enable the Evaluation Team to assess the CURRENT financial standing of the Business and the failure to provide said information when requested will, therefore, invalidate the Tender.

I accept and understand that the KZN Department of Health, as representative of the Provincial Administration of KwaZulu-Natal in this tender, may act against me and the Bidder, jointly and severally, should this declaration and/or any information provided be found to be false.

Duly signed at..... on this the..... day of..... 201.....

 Full Name of Signatory

 Name of Enterprise

 Capacity of Signatory

 Signature of authorised representative

T2.9 PREFERENCE CERTIFICATE			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution.

BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R 50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R 50 000 000 (all applicable taxes included).

1.2 For this project the 80% preference point system shall be applicable.

1.3 Preference points for this bid shall be awarded for:

- (a) Price points and
 (b) Quality points

80
0
80

(c) B-BBEE Status Level of Contribution

1.3.1	PRICE	80
1.3.2	SPECIFIC CONTRACT PARTICIPATION GOALS	
1.3.3	1.3.3.1 Broad-Based Black Economic Empowerment (B-BBEE)	
	(i) Level 1	20
	(ii) Level 2	18
	(iii) Level 3	14
	(iv) Level 4	12
	(v) Level 5	8
	(vi) Level 6	6
	(vii) Level 7	4
	(viii) Level 8	2
	(viii) Non-compliant contributor	0
1.3.3.2	Other Specific Goals (as prescribed in the PPPFA regulations)	
	(i) <i>[insert specific goal]</i>	0
	(ii) <i>[insert specific goal]</i>	0
	(iii) <i>[insert specific goal]</i>	0
	(iv) <i>[insert specific goal]</i>	0
	TOTAL POINTS FOR PRICE, HDI and OTHER SPECIFIC GOALS	100

Total points for Price and B-BBEE Status Level of Contribution **must not exceed 100**

- 1.4 Failure on the part of a bidder to fill in and/or to sign this form and submit a B-BBEE Construction Sector Verification Certificate from a Verification Agency accredited by the South African Accreditation System (SANAS) or Registered Auditor approved by the Independent Regulatory Board of Auditors (IRBA) or an Accounting Officer as contemplated in the Close Corporation Act (CCA) together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.5 The bidder shall be a Value Adding Enterprise. A Value Adding Enterprise is defined in the BBBEE Code of good practice as an organisation that is VAT registered and whose net profit before tax summed with its total labour cost exceeds 25% of the value of its total revenue.
- 1.6 The Department reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the Department.

2 GENERAL DEFINITIONS

- 2.1 **"All applicable taxes"** includes value-added tax, pay as you earn, income tax, unemployment insurance contributions and skills development levies.
- 2.2 **"B-BBEE"** means broad-based black empowerment as defined in section 1 of the Broad-Based Economic Empowerment Act;
- 2.3 **"B-BBEE status level of contributor"** means the B-BBEE status received by a measured entity based on overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act
- 2.4 **"proof of B-BBEE status level of contributor" means-**
- a) the B-BBEE status level certificate issued by an authorised body or person;
 - b) a sworn affidavit as prescribed by the B-BBEE Codes of Good Practice; or
 - c) any other requirement prescribed in terms of the Broad-Based Black Economic Empowerment Act
- 2.5 **"black designated groups"** has the meaning assigned to it in the codes of good practice issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act.
- 2.6 **"black people"** has the meaning assigned to it in section 1 of the Broad-Based Black Economic Empowerment Act.
- 2.7 **"Bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organisation for the provision of goods, works or services, through price quotations, advertised competitive bidding or proposals.
- 2.8 **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act 53 of 2003);
- 2.9 **"co-operative"** means a co-operative registered in terms of section 7 of the Co-Operatives Act, 2005 (Act 14 of 2005)
- 2.10 **"designated group" means**
- a) black designated groups;
 - b) black people;
 - c) women;
 - d) people with disabilities; or
 - e) small enterprises, as defined in section 1 of the National Small Enterprise Act, 1996 (Act No 102 of 1996)
- 2.11 **"designated sector"** means a sector, sub-sector or industry or product designated in terms of regulation 8(1)(a).
- 2.12 **"Comparative price"** means the price after the factors of a non-firm price and all unconditional discounts that can be utilised have been taken into consideration.
- 2.13 **"functionality"** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- 2.14 **"Consortium or joint venture"** means an association of persons for the purpose of combining their property, capital, efforts, skills and knowledge in an activity for the execution of a contract.
- 2.15 **"military veteran"** has the meaning assigned to it in section 1 of the Military Veterans Act, 2011 (Act 2011).
- 2.16 **"Contract"** means the agreement that results from the acceptance of a bid by an organ of state.

- 2.17 **"National Treasury"** has the meaning assigned to it in section 1 of the Public Finance Management Act, (Act No 1 of 1999)
- 2.18 **"EME"** means any enterprise with an annual total revenue of **R10 million or less;**
- 2.19 **"QSE"** means any enterprise with an annual total revenue between **R10 million and R50 million;**
- 2.20 **"people with disabilities"** has the meaning assigned to it in section 1 of the Employment Equity Act, No 55 of 1998).
- 2.21 **"Firm Price"** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from change, imposition or abolition of customs or excise duty and any other duty or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an impact on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- 2.22 **"price"** includes all applicable taxes less all unconditional discounts.
- 2.23 **"Quality"** shall mean totality of features and characteristics of a product or service that bears on the product or service to satisfy stated or implied needs.
- 2.24 **"Non-firm prices"** means all prices other than "firm" prices;
- 2.25 **"Person"** includes reference to a juristic person.
- 2.26 **"Rand value"** means the total estimated value of a contract in Rand denomination that is calculated on the basis of bid invitations and includes all applicable taxes and excise duties.
- 2.27 **"stipulated minimum threshold"** means the minimum threshold stipulated in terms of regulation 8(1) of the B-BBEE Regulations.
- 2.28 **"Sub-contract"** means the primary contractor's assigning, leasing, making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract.
- 2.29 **"Total revenue"** bears the same meaning assigned to this expression in the Codes of Good Practice for Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the Government Gazette on 9 February 2007;
- 2.30 **"trust"** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and
- 2.31 **"trustee"** means any person, including the founder of a trust, to whom property is bequeathed in order to administer such property for the benefit of another person.
- 2.32 **"rural area" means-**
- a) a sparsely populated area in which people farm or depend on natural resources, including villages and small towns that are dispersed through the area; or
 - b) an area including a large settlement which depends on migratory labour and remittances and government social grants for survival, and may have a traditional land tenure system.
- 2.33 **"township"** means an urban living area that anytime from the late 19th century until 27 April 1994, was reserved for black people, including areas developed for historically disadvantaged individuals post 27 April 1994.
- 2.34 **"treasury"** has the meaning assigned to it in section 1 of the Public Finance Management Act, 1999 (Act No 1 of 1999)
- 2.35 **"youth"** has the meaning assigned to it in section 1 of the National Youth Development Agency Act, 2008 (Act No 54 of 2008)

3 ADJUDICATING USING A POINT SYSTEM

- 3.1 The bidder obtaining the highest number of total points will be awarded the contract.
- 3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts;
- 3.3 Points scored must be rounded off to the nearest 2 decimal places.
- 3.4 In the event that two or more bids have scored equal total points, the successful bid must be the one scoring the highest number of preference points for B-BBEE.
- 3.5 Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.

4 POINTS AWARDED FOR PRICE

4.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

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

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where:

- P_s = Points scored for cooperative price of bid under consideration
 P_t = Comparative price of bid under consideration
 P_{\min} = Comparative price of lowest acceptable bid

5 POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 5.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-Compliant contributor	0	0

- 5.2 Bidders who qualify as EMEs in terms of the B-BBEE Act must submit a sworn affidavit confirming their annual total revenue of R10 million or less and level of black ownership or a B-BBEE level verification certificate to claim points as prescribed by regulation 6 and 7 of the Preferential Procurement Regulations 2017.

- 5.3 Bidders who qualify as QSEs in terms of the B-BBEE Act must submit a sworn affidavit confirming their annual total revenue of between R10 million and R50 million and level of black ownership or a B-BBEE level verification certificate to claim points as prescribed by regulation 6 and 7 of the Preferential Procurement Regulations 2017.
- 5.4 A trust, consortium or joint venture, will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.
- 5.5 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.
- 5.6 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.
- 5.7 A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.
- 5.8 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

6 BID DECLARATION

- 6.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following.

7 B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.3.3.1 AND 5.1 ABOVE

7.1 B-BBEE Status Level of Contribution: =
[B-BBEE Status level of Contribution] *[Max of points 10 or 20]*

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS

8 SUB-CONTRACTING

8.1 Will any portion of the contract be sub-contracted? Yes No

8.1. If yes, indicate:

1

(i) what percentage of the contract will be subcontracted? %

(ii) the name of the sub-contractor?

(iii) the B-BBEE status level of the sub-contractor? _____

(iv) whether the sub-contractor is an EME? Yes No

9 DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of company/firm: _____

9.2 VAT registration number: _____

9.3 Company registration number: _____

9.4 Type of company/firm: *(insert a X in the applicable box)*

Partnership/ Joint Venture/ Consortium	One person business/Sole Proprietor	Close Corporation	Company	(Pty) Ltd
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

9.6 COMPANY CLASSIFICATION

Manufacturer	Contractor and/or Supplier	Professional service provider	Other service providers,
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9.7 Total number of years the company/firm has been in business? _____

9.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraph 7 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- (i) The information furnished is true and correct;
- (ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form.
- (iii) In the event of a contract being awarded as a result of points claimed as shown in paragraph 7, the
- (iv) If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution

WITNESSES:

1. _____

2. _____

Date: _____

Address: _____

SIGNATURE(S) OF BIDDER(S)

T2.10 SITE INSPECTION MEETING CERTIFICATE			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	
Site Inspection Date:		2019/09/04 at 11:00am	

This is to certify that I, _____ (Name of authorised Representative)
 representing _____ (Name of Enterprise)
 visited the site on: _____ (Date)

I have made myself familiar with all local conditions likely to influence the work and the cost thereof. I further certify that I am satisfied with the description of the work and explanations given at the site inspection meeting and that I understand the work to be done, as specified and implied, in the execution of this contract.

I declare that the representative, named above, is my authorised representative and **not** a third party agent and that my representative's attending of this site meeting, shall be deemed conclusive proof that my Enterprise are fully aware of what was said and discussed at this meeting.

Name of Bidder	Signature	Date

Name of DOPW Representative	Signature	Date

This form is only to be completed when applicable to the tender and if a Compulsory Site meeting has been called.



Departmental Stamp:

T2.11 DECLARATION OF INTEREST - SBD 4			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	0

¹ Any legal person, including persons employed by the state¹, or persons having kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of the possible allegations of favouritism, should the resulting bid/quotation, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her/their authorized representative declare his/her/their position in relation to the evaluating/adjudicating authority and/or take an oath declaring his/her/their interest, where-

- 1.1 the bidder is employed by the state; and/or
- 1.2 the legal person on whose behalf the quotation/bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the quotation(s)/bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the quotation/bid.

2 In order to give effect to the above, the following questionnaire must be completed and submitted with the quotation/bid document.

- 2.1 Full Name of bidder or his or her representative: _____
- 2.2 Identity Number: _____
- 2.3 Position occupied in the Company (director, trustee, shareholder²): _____
- 2.4 Registration Number of Company, enterprise, close corporation, partnership agreement or trust: _____
- 2.5 Tax Reference Number: _____
- 2.6 VAT Registration Number: _____
- 2.6.1 The names of all directors / trustees / shareholders / members, their individual identity number, tax reference number and, if applicable, employee / persal number must be indicated in paragraph 3 below.

¹State" means -

- (a) any National or Provincial department, National or Provincial public entity or Constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) Provincial Legislature;
- (d) National Assembly or the National Council of Provinces; or
- (e) Parliament.

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

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

2.7.1 If so, furnish the following particulars:

Name or person / director / shareholder / member: _____

Name of state institution to which the person is connected: _____

Position occupied in the state institution: _____

Any other particulars:

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

2.7.2.1 If yes, did you attached proof of such authority to the bid document? YES / NO
(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.)

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

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

2.8.1 If so, furnish particulars:

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this quotation/bid?

2.9.1 If so, furnish particulars: YES / NO

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

2.10.1 If so, furnish particulars:

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

2.11.1 If so, furnish particulars:

3 Full details of directors / trustees / members / shareholders

Full Name	Identity Number	Personal Tax Reference Number	State Employee Number / Pernal Number

DECLARATION

I, THE UNDERSIGNED (NAME) : _____
 CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 AND 3 ABOVE IS CORRECT.

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

Signature

Date

Position

Name of bidder

T2.12 RECORD OF ADDENDA TO BID DOCUMENTS			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

1. I / We confirm that the following communications received from the Department of Health before the submission of this tender offer, amending the tender documents, have been taken into account in this bid offer: (Attach additional pages if more space is required)

	Date	Title or Details	No. of Pages
a.			
b.			
c.			
d.			
e.			
f.			
g.			
h.			
i.			
j.			
k.			
l.			
m.			

Name of authorised representative	Signature	Date

OR

2 I / We confirm that no communications were received from the Department of Public Works before the submission of this tender offer, amending the tender documents.

Name of authorised representative	Signature	Date

T2.13 PARTICULARS OF ELECTRICAL CONTRACTOR			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	0

Name of Contractor: _____

Address: _____

Telephone Number: _____
(Area Code)(Number)

Fax Number: _____
(Area Code)(Number)

Registration number at the Electrical Contracting Board of S.A.:	
---	--

Name of authorised representative	Signature	Date

T2.14 SCHEDULE FOR IMPORTED MATERIALS AND EQUIPMENT

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	0

This schedule should be completed by the bidder. (Attach additional page(s) if more space is required)

Item	Material / Equipment	Quotation (Excluding VAT)
1		R
2		R
3		R
4		R
5		R
6		R

The Contractor shall list imported items, materials and/or equipment which shall be excluded from the Contract Price Adjustment Provisions (if applicable) and shall be adjusted in terms of currency fluctuations only. Copies of the supplier's quotations for the items, materials or equipment (provided that such costs shall not be higher than the relevant contract rate as listed above) should be lodged with the Principal Agent / Engineer of the Department of Public Works within 60 (sixty) days from the date of acceptance of the tender. No adjustment of the local VAT amount, nor the contractor's profit, discount, mark-up, handling costs, etc. shall be allowed. (See P&G E16)

These net amounts will be adjusted as follows:

FORMULA:

The net amount to be added to or deducted from the contract sum:

$$A = V \left(\frac{Z}{Y} - 1 \right)$$

A = the amount (R) of adjustment

V = the net amount (supplier's quotation) (R) of the imported item

Y = exchange rate 14 days prior to closing date of tender submission

Z = exchange rate on the date of the Bill of Lading* of exporters invoice.

** A bill of lading (sometimes abbreviated as B/L or BoL) is a document issued by a carrier which details a shipment of merchandise and gives title of that shipment to a specified party. Bills of lading are one of three important documents used in international trade to help guarantee that exporters receive payment and importers receive merchandise. A straight bill of lading, which is referred to above, is used when payment has been made in advance of shipment and requires a carrier to deliver the merchandise to the appropriate party. It is therefore the date of the paid up invoice when the shipment leaves the exporter's*

Name of authorised representative	Signature	Date

T2.15 DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES - SBD 8

- 1 This Standard Bidding Document must form part of all bid's invited.
- 2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be disregarded if that bidder, or any of its directors have:
 - abused the institution's supply chain management system;
 - committed fraud or any other improper conduct in relation to such system;
 - or failed to perform on any previous contract.
- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question		
4.1	<p>Is the bidder or any of its directors listed on the National Treasury's database as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the <i>audi alteram partem</i> rule was applied).</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	<p>If so, furnish particulars:</p> <hr/> <hr/> <hr/>		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p>To access this Register enter the National Treasury's website, www.treasury.gov.za, click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2.1	<p>If so, furnish particulars:</p> <hr/> <hr/> <hr/>		
4.3	<p>Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.3.1	<p>If so, furnish particulars:</p> <hr/> <hr/> <hr/>		
4.4	<p>Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	<p>If so, furnish particulars:</p> <hr/> <hr/> <hr/>		

5 CERTIFICATION

I the undersigned (*full name*) _____

certify that the information furnished on this declaration is true and correct.

I accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

Name of authorised representative	Signature	Date	Position

T2.15a LATEST 12 MONTH ANNUAL FINANCIAL STATEMENT

Project title:

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF
GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.**

Bid no:

ZNB 9707/2019-H

Project Code:

**ATTACH A COPY OF THE ANNUAL FINANCIAL STATEMENT
OF THE COMPANY FOR THE PAST FINANCIAL YEAR TO THIS
PAGE FOR ADJUDICATION PURPOSES**

NOTE

In the case of a Tender by a Joint Venture, copies of the annual financial statements of the past financial year in respect of each party to the Joint Venture must be attached to this page

ATTACH COMPANY LATEST 12 MONTHS ANNUAL FINANCIAL STATEMENTS TO THIS PAGE

T2.16 EQUIPMENT SCHEDULES			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	0

The Bidder shall complete the Schedules in **Annexure "A" Part 3** of this document, giving details of the various items of materials or equipment that he includes in his offer.

**T2.17 CONTRACTOR'S SAFETY, HEALTH AND ENVIRONMENTAL
 DECLARATION**

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

In terms of Regulation 5(1)(h) of the Construction Regulations of February 2014 a Contractor may only be appointed to perform construction work if the Client is satisfied that the Contractor has the necessary competencies and resources to carry out the work safely in accordance with the Occupational Health and Safety Act, Act 85 of 1993 and the Construction Regulations of February 2014. In line with this requirement the Contractor is required to read through this document carefully, sign it and submit it with his/her Bid.

DECLARATION

1. I, the undersigned hereby declare and confirm that I am fully conversant with the Occupational Health and Safety Act, Act 85 of 1993 and the Construction Regulations of February 2014 and the Construction Safety, Health and Environmental Specifications attached to this document.
2. I hereby declare that my company and its employees has the necessary competency and resources to safely carry out the construction works under this contract in compliance with the Occupational Health and Safety Act, Act 85 of 1993, the Construction Regulations of February 2014 and the Construction Safety, Health and Environmental Specifications.
3. I hereby confirm that adequate provisions has been made in my Bid to cover the cost of all Safety, Health and Environmental duties and responsibilities imposed on me by the Occupational Health and Safety Act, Act 85 of 1993, the Construction Regulations of February 2014 and the Construction Safety, Health and Environmental Specifications.
4. I hereby undertake that if my Bid is accepted, to provide before commencement of the Works under the contract or as required by the Conditions of the Contract, a suitable and sufficiently documented Construction Safety, Health and Environmental Management Plan in accordance with Regulation 7(1)(a) of the Construction Regulations of February 2014, which shall be subject for approval by the Client.
5. I confirm that I may not commence with any part of construction work under the contract until my Construction Safety Health and Environmental Management Plan has been approved in writing by the Client.
6. I hereby confirm that copies of the following documentation will be kept on site for viewing and inspection purposes for the duration of the construction work:
 - a) Client's Construction Safety, Health and Environmental Specification.
 - b) Approved Construction Safety, Health and Environmental Plan.
 - c) Occupational Health and Safety Act, Act 85 of 1993.
 - d) Construction Regulations of February 2014.
7. I agree that my failure to complete and execute this declaration to the satisfaction of the Client will mean that I am unable to comply with the requirements of the Occupational Health and Safety Act, Act 85 of 1993 and the Construction Regulations of February 2014, and accept that my Bid will be rejected.

Duly signed at..... on this the..... day of..... 20.....

 Full Name of Signatory

 Name of Enterprise

 Capacity of Signatory

 Signature of authorised representative of Bidder

T2.18 Compulsory Enterprise Questionnaire			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

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.

Section 1: Name of enterprise:

--

Section 2: VAT registration number, if any:

--

Section 3: CIDB registration number, if any:

--

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

* Complete only if sole proprietor or partnership and attach separate page if more than 6 partners

Section 5: Particulars of companies and close corporations

Company registration number	
Close corporation number	
Tax reference number	

Section 6: Record of service of the state

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:

<input type="checkbox"/> a member of any municipal council	<input type="checkbox"/> 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)
<input type="checkbox"/> a member of any Provincial Legislature	<input type="checkbox"/> a member of an accounting authority of any National or Provincial public entity
<input type="checkbox"/> a member of the National Assembly or the National Council of Province	<input type="checkbox"/> an employee of Parliament or a Provincial Legislature
<input type="checkbox"/> a member of the board of directors of any municipal entity	
<input type="checkbox"/> an official of any municipality or municipal entity	

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

Name of sole proprietor, partner, director, manager, principal 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:

<input type="checkbox"/> a member of any municipal council	<input type="checkbox"/> 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)
<input type="checkbox"/> a member of any Provincial Legislature	<input type="checkbox"/> a member of an accounting authority of any National or Provincial public entity
<input type="checkbox"/> a member of the National Assembly or the National Council of Province	<input type="checkbox"/> an employee of Parliament or a Provincial Legislature
<input type="checkbox"/> a member of the board of directors of any municipal entity	
<input type="checkbox"/> an official of any municipality or municipal entity	

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:

- i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- ii) confirms that 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 Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- iii) 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;
- iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers 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.

Position of authorised representative		Date	
Signature of authorised representative			
Name of authorised representative			
Enterprise name			

**T2.19 TAX COMPLIANCE STATUS (TCS) PIN TO VERIFY ON LINE
 COMPLIANCE SUPPLIER STATUS VIA SARS e-FILING**

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	0

TAX CLEARANCE REQUIREMENTS

It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations. It is a condition of this Offer of Commission that your practice remains in good standing with SARS (South African Revenue Services) in terms of its tax clearance, during the project, which is required to process your payment certificates.

1. In order to meet this requirement bidders are required to apply via e-filing at any SARS branch office nationally. The Tax Compliance Status (TCS) requirements are also applicable to foreign bidders / individuals who wish to submit bids.
2. SARS will then furnish the bidder with a Tax Compliance Status (TCS) PIN that will be valid for a period of 1 (one) year from the date of approval.
3. In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN.
4. Application for Tax Compliance Status (TCS) PIN can be done via e-filing at any SARS branch office nationally or on the website www.sars.gov.za.
5. Tax Clearance Certificates may be printed via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.

IMPORTANT NOTICE

1. The South African Revenue Services (SARS) has phased out the issuing of paper Tax Clearance Certificates.
2. From 18 April 2016 SARS introduced an enhanced Tax Compliance (TCS) system.
3. The new system allows taxpayers to obtain a Tax Compliance Status (PIN), which can be utilised by authorised third parties to verify taxpayers compliance status online via SARS e-filing.
4. Bidders are required to fill in clearly, legibly, in bold print and black ink the SARS (TCS) PIN number and Tax Reference number in the space hereunder:

Tax Compliance Status(TCS) PIN Number	
Company / Bidding Entity Tax Reference Number	

Name of Bidder:

Signature of bidder:

Date:

**T2.20 CERTIFIED PROOF OF GOOD STANDING WITH THE
COMPENSATION COMMISSIONER**

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

**ATTACH A COPY OF PROOF, THAT THE TENDERER IS IN
GOOD STANDING WITH THE COMPENSATION
COMMISSIONER, TO THIS PAGE FOR ADJUDICATION
PURPOSES**

NOTE

In the case of a Bid by a Joint Venture, copies of proof of Good Standing with the Compensation Commissioner in respect of each party to the Joint Venture must be attached to this page

T2.21 - FORM OF OFFER AND ACCEPTANCE

Agreement

Bid no: ZNB 9707/2019-H

OFFER

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

The Bidder, identified in the Offer signature block, has examined the documents listed in the Tender Data and Addenda thereto as listed in the Returnable Schedules, and by submitting this Offer has accepted the Conditions of Tender and complies fully with the requirements of Clause F.3.13 in the Bid Data.

By the representative of the Bidder, deemed to be duly authorized, signing this part of this Form of Offer and Acceptance, the Bidder 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:

Amount (in words):	
Amount in figures:	R

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 Bidder before the end of the period of validity stated in the Tender Data, whereupon the Bidder becomes the party named as the Contractor in the Conditions of Contract identified in the Contract Data.

THIS OFFER IS MADE BY THE FOLLOWING LEGAL ENTITY: (cross out block which is not applicable)

Company or Close Corporation:	OR	Natural Person or Partnership:
And: Whose Registration Number is:		Whose Identity Number(s) is/are:
And: Whose Income Tax Reference Number is:		Whose Income Tax Reference Number is/are:

AND WHO IS (if applicable):

Trading under the name and style of:
--

AND WHO IS:

Represented herein, and who is duly authorised to do so, by: Mr/Mrs/Ms: In his/her capacity as:	Note: A Resolution / Power of Attorney, signed by all the Directors / Members / Partners of the Legal Entity must accompany this Offer, authorising the Representative to make this offer.
---	--

SIGNED FOR THE BIDDER:

Name of authorised representative	Signature	Date

WITNESSED BY:

Name of authorised representative	Signature	Date

Bid no: ZNB 9707/2019-H

This Offer is in respect of the official documentation.

GUARANTEE OPTIONS:

The Bidder agrees to provide a bank or insurance guarantee in accordance with clause 6.2.3 of the Conditions of the GCC2010 Contract within the period stated in the Contract Data. This guarantee shall be for a sum equal to an amount stated in the Contract Data.

NB. Guarantees submitted must be issued by either an insurance company duly registered in terms of the Short-Term Insurance Act, 1998 (Act 35 of 1998) or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990) on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.

N/A

N/A

N/A

N/A

N/A

N/A

NOTE: Where the Bidder has not selected one of the guarantee options above, the default option will be as if the Bidder has selected a security of a bank or insurance guarantee of 5% of the value of the Works and a payment reduction of 5% of the value certified in the payment certificate excluding value added tax. - See GCC2010 clause 6.2.2 as amended in Contract Data.

NB. Guarantees submitted must be issued by either an insurance company duly registered in terms of the Short-Term Insurance Act, 1998 (Act 35 of 1998) or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990) on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.

The Bidder elects as its domicilium citandi et executandi in the Republic of South Africa, where any and all legal notices may be served, as (physical address):

Other Contact Details of the Bidder are:

Telephone No: _____ Cell Phone No: _____

Fax No: _____ Email Address : _____

Postal address: _____

Banker : _____ Branch : _____

UIF Registration Number: _____ CIDB Registration Number: _____

Central Suppliers Database
Registration Number:

ECDP Number:

ACCEPTANCE (For Official use only)

Bid no: ZNB 9707/2019-H

By signing this part of this Form of Offer and Acceptance, the Employer identified below, accepts the Bidder'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 Bidder's offer shall form an agreement between the Employer and the Bidder 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 1	Agreement and Contract Data, (which includes this agreement)
Part 2	Pricing data
Part 3	Scope of work.
Part 4	Site information

and drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 4 above.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto as listed in the tender schedules as well as any changes to the terms of the Offer agreed by the Bidder 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 Bidder shall within 3 days after receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of 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 Bidder receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the Bidder (now Contractor) within five 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 the Employer:

Name of delegated signatory	Signature	Rank	Date

Name of Organisation:	Department of Public Works
Address of Departmental Office:	KZN DoH Townhill Office Park Townhill Hospital Hyslop Road Pietermaritzburg, PIETERMARITZBURG, 3201

WITNESSED BY:

Name of witness	Signature	Rank	Date

Bid no: ZNB 9707/2019-H

Schedule of Deviations

Notes:

1. The extent of deviations from the bid documents issued by the Employer prior to the bid closing date is limited to those permitted in terms of the Conditions of Bid.
2. A Bidder'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 the subject of agreement reached during the process of, offer and acceptance, the outcome of such agreement shall be recorded here.
3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the bid document and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.
4. Any change or addition to the bid documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1.1.1. Subject:
Detail:

1.1.2. Subject:
Detail:

1.1.3. Subject:
Detail:

1.1.4. Subject:
Detail:

1.1.5. Subject:
Detail:

1.1.6. Subject:
Detail:

By the duly authorised representatives signing this Schedule of Deviation, the Employer and the Bidder 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 Bid Schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Bidder 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 Bid documents and the receipt by the Bidder of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

For the Contractor:

Name of delegated signatory	Signature	Position in Entity	Date

For the Employer:

Name of delegated signatory	Signature	Rank	Date

WITNESSED BY:

Name of witness	Signature	Rank	Date

T2.21a CONFIRMATION OF RECEIPT

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

Bid no.:	ZNB 9707/2019-H	Project Code:	0
-----------------	-----------------	----------------------	---

The Bidder (now Contractor), identified in the Offer part of this Agreement hereby confirms receipt from the Employer, identified in the Acceptance part of this Agreement, of one fully completed original copy of this Agreement, including the Schedule of Deviations (if any) today:

the _____ (day)

of _____ (month)

_____ (year)

at _____ (Place)

For the Contractor:

Signature

Name

Capacity

Signature and name of witness:

Signature

Name

T2.22 - FINAL BILL OF QUANTITY SUMMARY

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

PLEASE SEE PAGE FOLLOWING

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
SUMMARY PAGE		
BILLS OF QUANTITIES		
ITEM	DESCRIPTION	BROUGHT FORWARD- AMOUNT
C2.2	Preliminaries for GCC for Construction Works- 2nd Edition 2010	R
C2.3	BILLS OF QUANTITIES	R
C2.3.1	SUBTOTAL	R
C2.3.2	ADD VAT @ 15%	R
C2.3.4	TOTAL CARRIED FORWARD TO T2.21 FORM AND OFFER OF ACCEPTANCE	R

T2.23 - PROOF OF PAID MUNICIPAL RATES & TAXES

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

**ATTACH PROOF OF PAID MUNICIPAL RATES & TAXES TO
THIS PAGE FOR ADJUDICATION PURPOSES**

NOTE

In the case of a Quotation by a Joint Venture, proof of paid municipal rates and taxes for each member of the Joint Venture should be attached to this form.

T2.24 - CERTIFIED PROOF OF VALID UIF REGISTRATION

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

ATTACH A COPY OF PROOF, THAT THE BIDDER IS IN GOOD STANDING WITH THE UIF TO THIS PAGE FOR ADJUDICATION PURPOSES

NOTE

In the case of a Tender by a Joint Venture, certified copies of proof of Good Standing with the **UIF** in respect of each party to the Joint Venture must be attached to this page

The contractor must submit proof of UIF Contributions made to the fund to the Principal Agent on a monthly basis for the duration of the contract.

Should the contractor default on his monthly payments, the Employer will pay the outstanding payments due and the contractor will be liable for payments made by the Employer on behalf of the contractor, plus any additional cost associated with this process.

T2.25 THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

This document must be signed and submitted together with your bid

INTRODUCTION

The National Industrial Participation (NIP) Programme, which is applicable to all government procurement contracts that have an imported content, became effective on the 1 September 1996. The NIP policy and guidelines were fully endorsed by Cabinet on 30 April 1997. In terms of the Cabinet decision, all state and parastatal purchases / lease contracts (for goods, works and services) entered into after this date, are subject to the NIP requirements. NIP is obligatory and therefore must be complied with. The Industrial Participation Secretariat (IPS) of the Department of Trade and Industry (DTI) is charged with the responsibility of administering the programme.

1 PILLARS OF THE PROGRAMME

- 1.1 The NIP obligation is benchmarked on the imported content of the contract. Any contract having an imported content equal to or exceeding US\$ 10 million or other currency equivalent to US\$ 10 million will have a NIP obligation. This threshold of US\$ 10 million can be reached as follows:
- (a) Any single contract with imported content exceeding US\$10 million.
or
 - (b) Multiple contracts for the same goods, works or services each with imported content exceeding US\$3 million awarded to one seller over a 2 year period which in total exceeds US\$10 million.
or
 - (c) A contract with a renewable option clause, where should the option be exercised the total value of the imported content will exceed US\$10 million.
or
 - (d) Multiple suppliers of the same goods, works or services under the same contract, where the value of the imported content of each allocation is equal to or exceeds US\$ 3 million worth of goods, works or services to the same government institution, which in total over a two (2) year period exceeds US\$10 million.
- 1.2 The NIP obligation applicable to suppliers in respect of sub-paragraphs 1.1 (a) to 1.1 (c) above will amount to 30 % of the imported content whilst suppliers in respect of paragraph 1.1 (d) shall incur 30% of the total NIP obligation on a pro-rata basis.
- 1.3 To satisfy the NIP obligation, the DTI would negotiate and conclude agreements such as investments, joint ventures, sub-contracting, licensee production, export promotion, sourcing arrangements and research and development (R&D) with partners or suppliers.
- 1.4 A period of seven years has been identified as the time frame within which to discharge the obligation.

2 REQUIREMENTS OF THE DEPARTMENT OF TRADE AND INDUSTRY

- 2.1 In order to ensure effective implementation of the programme, successful bidders (contractors) are required to, immediately after the award of a contract that is in excess of R10 million (ten million Rands), submit details of such a contract to the DTI for reporting purposes.
- 2.2 The purpose for reporting details of contracts in excess of the amount of R10 million (ten million Rands) is to cater for multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as provided for in paragraphs 1.1.(b) to 1.1.(d) above.

3 BID SUBMISSION AND CONTRACT REPORTING REQUIREMENTS OF BIDDERS AND SUCCESSFUL BIDDERS (CONTRACTORS)

- 3.1 Bidders are required to sign and submit this Standard Bidding Document (SBD 5) together with the bid on the closing date and time.

3.2 In order to accommodate multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as indicated in sub-paragraphs 1.1 (b) to 1.1 (d) above and to enable the DTI in determining the NIP obligation, successful bidders (contractors) are required, immediately after being officially notified about any successful bid with a value in excess of R10 million (ten million Rands), to contact and furnish the DTI with the following information:

- Bid / contract number.
- Description of the goods, works or services.
- Date on which the contract was accepted.
- Name, address and contact details of the government institution.
- Value of the contract.
- Imported content of the contract, if possible.

3.3 The information required in paragraph 3.2 above must be sent to the Department of Trade and Industry, Private Bag X 84, Pretoria, 0001 for the attention of Mr. Elias Malapane within five (5) working days after award of the contract. Mr. Malapane may be contacted on telephone (012) 394 1401, facsimile (012) 394 2401 or e-mail at Elias@thedti.gov.za for further details about the programme.

4 PROCESS TO SATISFY THE NIP OBLIGATION

4.1 Once the successful bidder (contractor) has made contact with and furnished the DTI with the information required, the following steps will be followed:

- a. the contractor and the DTI will determine the NIP obligation;
- b. the contractor and the DTI will sign the NIP obligation agreement;
- c. the contractor will submit a performance guarantee to the DTI;
- d. the contractor will submit a business concept for consideration and approval by the DTI;
- e. upon approval of the business concept by the DTI, the contractor will submit detailed business plans outlining the business concepts;
- f. the contractor will implement the business plans; and
- g. the contractor will submit bi-annual progress reports on approved plans to the DTI.

4.2 The NIP obligation agreement is between the DTI and the successful bidder (contractor) and, therefore, does not involve the purchasing institution.

Bid number:	_____	Closing date:	_____
Name of bidder:	_____		
Postal address:	_____ _____		
Signature:	_____	Name (in print):	_____
Date:	_____		

T2.26 CERTIFICATE OF INDEPENDENT BID DETERMINATION - SBD 9

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

1. This Standard Bidding Document (SBD) must form part of all bids¹ invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a per se prohibition meaning that it cannot be justified under any grounds.
3. Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a) disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b) cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
4. This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
5. In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

ZNB 9707/2019-H - SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

(Bid Number and Description)

in response to the invitation for the bid made by:

KZN Department of Health

(Name of Institution)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of : _____ that :
(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. 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 Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.
10. 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.

Signature

Date

Position

Name of bidder

T2.28 - CERTIFIED PROOF OF CIDB REGISTRATION NUMBER

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

ATTACH A COPY OF PROOF, THAT THE BIDDER IS REGISTERED WITH THE CONSTRUCTION INDUSTRY DEVELOPMENT BOARD (CIDB) TO THIS PAGE FOR ADJUDICATION PURPOSES

NOTE

In the case of a Tender by a Joint Venture, copies of proof of registration with the CIDB in respect of each party to the Joint Venture must be attached to this page

T2.29 - PROOF OF PAYMENT OF BID DEPOSIT

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

ATTACH A COPY OF PROOF OF PAYMENT WHERE AVAILABLE OF THE BID DEPOSIT BY THE BIDDER, TO THIS PAGE FOR ADJUDICATION PURPOSES

NOTE

In the case of a Tender by a Joint Venture a copy of proof of payment where available of the bid deposit is only necessary in respect of any one party to the Joint Venture and must be attached to this page

T2.30 CONTRACT FORM - PURCHASE OF GOODS/WORKS-Part 1

THIS FORM MUST BE FILLED IN DUPLICATE BY BOTH THE SUCCESSFUL BIDDER (PART 1) AND THE PURCHASER (PART 2). BOTH FORMS MUST BE SIGNED IN THE ORIGINAL SO THAT THE SUCCESSFUL BIDDER AND THE PURCHASER WOULD BE IN POSSESSION OF ORIGINALLY SIGNED CONTRACTS FOR THEIR RESPECTIVE RECORDS.

PART 1 (TO BE FILLED IN BY THE BIDDER)

1. I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents to Head: Health (Department of Health: Province of KwaZulu-Natal) in accordance with the requirements and specifications stipulated in bid number ZNB 9707/2019-H at the price/s quoted.
2. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - (i) Bidding documents, viz
 - Invitation to bid;
 - Tax Compliance Status (TCS) PIN;
 - Pricing schedule(s);
 - Technical Specification(s);
 - Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2011;
 - Declaration of interest;
 - Declaration of bidder's past SCM practices;
 - Certificate of Independent Bid Determination
 - Special Conditions of Contract;
 - (ii) General Conditions of Contract for construction works Edition 2 - GCC2010; and
 - (iii) Other (specify)
3. I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
4. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract.
5. I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.
6. I confirm that I am duly authorised to sign this contract.

NAME (PRINT): _____
CAPACITY: _____
SIGNATURE: _____
NAME OF FIRM: _____
DATE: _____

<u>Witnesses:</u>
1. _____
2. _____
Date: _____

T2.31 CONTRACT FORM - PURCHASE OF GOODS/WORKS-Part 2

PART 2 (TO BE FILLED IN BY THE PURCHASER)

1. I _____ in my capacity as _____

accepts your bid under reference ZNB 9707/2019-H dated _____ for the supply of goods/works indicated hereunder and/or further specified in the annexure(s).

- 2. An official order indicating delivery instructions is forthcoming.
- 3. I undertake to make payment for the goods/works delivered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice accompanied by the delivery note.

ITEM NO.	PRICE (ALL APPLICABLE TAXES INCLUDED)	BRAND	DELIVERY PERIOD	B-BBEE STATUS LEVEL OF CONTRIBUTION	MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT (if applicable)

4. I confirm that I am duly authorised to sign this contract.

SIGNED AT _____ ON _____
[Place] [Date]

NAME (PRINT): _____

SIGNATURE: _____

OFFICIAL STAMP:

Witnesses:

1. _____

2. _____

Date: _____

T2.32 - OHSE PLAN STRUCTURE

T2.32 - OHSE PLAN STRUCTURE			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

A detailed OHSE Plan is to be submitted by the successful tenderer as per Construction Regulation 7(1)(a). The following are the minimum standard legal documentation that must form part of the OHSE Plan based on the risks attached in executing this project titled;

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

OHSE SPECIFICATION ATTACHED OVERLEAF



health

Department:
Health
PROVINCE OF KWAZULU-NATAL

1. Introduction

The Department of Health Kwa Zulu Natal enters into contracts with Contractors to **Install Generators at KZN Health Institutions**. This document describes the requirements of compliance to which the Principal Contractor/Contractor is to adhere in relation to the scope of works. This document defines the minimum management requirement that is to be implemented by the Principal Contractor for the management of Health and Safety on the Health care facility.

The aim of this document is to present the health and safety aspects that need to be controlled and managed on this contract. The client reserves the right to make changes as and when the Client deems fit to address issues of Occupational Health & Safety (OHS) 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 or any other applicable legislative requirements imposed on the contractor.

The Principal Contractor will be required to submit a Health and Safety File for approval prior to commencement of work. Arrangements for such approval shall be made with the OHS Department. The Principal Contractor shall submit proof that its appointed contractors Safety file has been approved.

2. Definitions & Abbreviations

2.1 “Client” means KZN Department of Health

2.2 “CR” refers to the Construction Regulations 2014

2.3 “OHS” means Occupational Health and Safety

2.4 “DoL” refers to the Department of Labour

2.5 “DOH” refers to the Department of Health

2.6 “NIHL” refers to the Noise Induced Hearing Loss Regulations

2.7 “HCS” refers to the Hazardous Chemical Substances Regulations

2.8 “GSR” refers to the General Safety Regulations

2.9 “GAR” refers to the General Administrative Regulations

2.10 “FR” refers to Facilities Regulations

2.11 “PPE” means Personal Protective Equipment

2.12 “MSDS” means Material Safety Data Sheets

2.13 “EIR” refers to the Electrical Installations regulations

2.14 “EMR” refers to Electrical Machinery Regulations

2.15 “ERW” refers to Environmental Regulations for Workplaces

2.16 Principal Contractor means an employer appointed by a Client to perform Construction Work

2.17 Construction Work means any work in connection with:-

(a) the construction, erection, alteration, renovation, repair, demolition or dismantling of a addition to a building or any similar structure or;

(b) the construction, erection, maintenance, demolition or dismantling of any bridge, dam, road, railway, runway, sewer or water reticulation system, or the moving of earth, clearing of land, the making of excavation, pilling, or any similar civil engineering structure or type of work.

2.18 Construction Manager means a competent person responsible for the management of the physical construction process and the co-ordination, administration and management of resources on a construction site

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

2.20 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 to 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 training must be regarded as the required qualifications and training, and
- (b) Is familiar with the Act and with the applicable regulations made under the Act

2.21 OHS Plan means a site, activity or project specific documented plan in accordance with the Client's Health & Safety Specification

2.22 Health & safety File means a file or other record containing information in writing required by Construction Regulations 2014.

2.243 Hazard Identification and Risk Assessment and Risk Control (HIRA) means a documented plan, which identifies hazards, assesses the risks and detailing 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.

2.24 The Act means, unless the context indicates otherwise, the Occupational Health and Safety Act, 85 of 1993 and Construction Regulations 2014 promulgated there under, (OHSA).

2.25 Hazard means a source of or exposure to danger

2.26 Risk means the probability or likelihood that a hazard can result in injury or damage.

2.27 Hazardous Chemical Substance (HCS) means any toxic, harmful, corrosive, irritant or asphyxiant substance, or a mixture or substances, for which an occupational exposure limit is prescribed, or an occupational exposure limit is not prescribed, but which creates a hazard to health

2.28 Construction Plant encompasses all types of plant including but not limiting to, cranes, piling frames, boring machines, excavators, dewatering equipment and road vehicles with or without lifting equipment.

2.29 Occupational Health Practitioner refers to either Doctors or Nurses with the following requirements:

Doctors

- (a) Registered and in good standing with the Health Professions Council of South Africa (HPCSA)
- (b) has a tertiary qualification in Occupational Health or Medicine which is registered as an additional qualification with HPCSA or
- (c) be registered as a specialist in Occupational Medicine with HPCSA

Nurses

- (a) registered and in good standing with the South African Nursing Council (SANC) and
- (b) have a tertiary qualification in Occupational Health Nursing that is recognised and registered with SANC

2.30 dead means at or about zero potential and isolated from any live system;

2.31 earthed means connected to the general mass of earth in such a manner as will ensure at all times an immediate safe discharge of electrical energy;

2.32 portable electric tool means any electrically operated implement, with the exception of ordinary household electrical appliances, which is designed for use with-

- (a) a flexible cord at the supply end and which is intended for use by hand and which is to be carried by hand at the place of work; or
- (b) a flexible cable at the supply end and which is intended for use by hand and which is to be moved by hand at the place of work;

2.33 electrical installation means any machinery, in or on any premises, used for the transmission of electricity from a point of control to a point of consumption anywhere on the premises, including any article forming part of such an electrical installation irrespective of whether or not it is part of the electrical circuit, but excluding

- (a) any machinery of the supplier related to the supply of electricity on the premises;
- (b) any machinery which transmits electrical energy in communication, control circuits, television or radio circuits
- (c) an electrical installation on a vehicle, vessel, train or aircraft; and
- (d) control circuits of 50 V or less between different parts of machinery or system components, forming a unit, that are separately installed and derived from an independent source or an isolating transformer;

2.34 installation work means:-

- (a) the installation, extension, modification or repair of an electrical installation;
- (b) the connection of machinery at the supply terminals of such machinery; or
- (e) the inspection, testing and verification of electrical installations for the purpose of issuing a certificate of compliance;

2.35 master installation electrician means a person who has been registered as a master installation electrician in terms of regulation 11 (2) for the verification and certification of the construction, testing and inspection of any electrical installation;

2.36 point of supply means the point at which electricity is supplied to any premises by a supplier;

3. Client Requirements

3.1 Leadership and Commitment

The Contractor acknowledges the KZN Department of Health's strong commitment to Health and Safety and the Contractor affirms that it has a written Health and Safety Policy, and is actively supported and endorsed by the Contractor's management. The Contractor represents that its written policy is widely disseminated and understood among its employees, and that its policy includes a description of the Contractor's organization, procedures and methods of communication to and from personnel. The Contractor must provide copies of its policy and policy statement to Department of Health (DOH).

3.2 Legal Requirements and Regulations for Health and Safety

The Contractor warrants that it is familiar with the contents and implications of the applicable Legislation; codes of practice, guidelines and standards applicable to the services to be provided. The Act and the Regulations, where applicable, require development and implementation of Work Method Statements for a range of high-risk activities, which, where applicable, the Contractor must develop and implement. The Contractor must ensure that its personnel and its subcontractor's personnel have been informed of all such laws, Acts, regulations, codes of practice, guidelines and standards.

3.3 Contractors' General Requirements for Health and Safety

The Contractor is solely responsible for carrying out the work under the Contract having the highest regard for the health and safety of its employees, the KZN Department of Health's employees and persons at or in the vicinity of the Site, the Works, temporary work, materials, the property of third parties and any purpose relating to the Contractor carrying out its obligations under this Contract.

The Contractor must initiate and maintain safety precautions and programs to conform to all applicable Health and Safety laws or other requirements, including requirements of any applicable government instrumentality and DOH institutions site requirements.

The Contractor must, at its own cost, erect and maintain safeguards for the protection of workers and the public. The Contractor must manage all reasonably foreseeable hazards created by performance of the work.

The Contractor must:

- Provide all things and take all measures necessary for maintaining proper personal hygiene, ensuring safety of persons and property and protecting the environment at or near the Site
- Avoid unnecessary interference with the passage of people and property at or near the Site
- Prevent nuisance and excessive noises and unreasonable disturbances in performing the Services

- Be responsible for the adequacy, stability and safety of all of its site operations.
- Costs for the above are borne by the Contractor
- The Contractor must comply and is responsible for ensuring that all of its Sub-contractors comply with the relevant legislation(s) and statutory regulations for health and safety, the KZN Department of Health's Health & Safety requirements included in the Contract and other document pertaining to health & safety contained in the Program Health & Safety Management System and include standards, policies, procedures, guidelines and safe work instructions
- The contractor must appoint a Competent Safety Officer who will ensure that OHS Act and its regulations are implemented.
- The appointment of a Safety Officer must be approved by DOH
- The Safety Officer must possess a National Diploma in Environmental Health/Safety Management or SAMTRAC and have at least 2years experience.

3.4 Contractor's Health and Safety Management Plan

The Contractor must prepare, implement and administer the Contractor's Health and Safety Management Plan. The Plan is in writing and must be forwarded prior to mobilisation to the site for work under the Contract to the KZN Department of Health's Safety Department for review. The Health and Safety Management Plan must comply with this Contract including Site Rules & Requirements, and applicable law relating to workplace health, safety and environmental standards. Any proposed amendments or revisions to the Contractor's Safety Management Plan are submitted to DOH for acceptance.

The Health and Safety Management Plan must provide a systematic method of managing hazards according to the risk priority and must include all mobilisation and site set-up activities. The Plan will be audited for completeness by the KZN Department of Health.

The contractor shall comply with the requirements of CR 7

The Plan must be presented and accepted by DOH BEFORE permission will be granted to the Contractor to mobilise to site

3.5 Legal & Site-Specific Requirements

The Contractor shall develop, implement and administer Health & Safety Plan. The plan shall be in writing and shall be submitted to DOH within 7 days of the contract being awarded.

The plan shall demonstrate management's commitment to safety and include, but not be limited to, the following minimum auditable elements:

- The Contractors' Safety Policy.
- How safety responsibilities are assigned to different roles within the organisation. Identification of role of Safety Coordinator, and on-site managers

- Selection, placement and training procedures, including induction and ongoing training in 'Basic Safe Work' and Occupational Health & Safety training for newly hired or promoted supervisors.
- Occupational Health & Safety communications and meetings, including daily safe task instructions and project safety meetings.
- Assessment of sub-contractors and Service Providers, including requirements for Health & Safety Plans.
- Safety awareness.
- Nomination of personnel to carry out safety inspections.
- Contractor senior management involvement
- Rules and regulations including safety procedures the Contractor has in place for recurring work activities
- Personal protective equipment rules.
- Control of dangerous and hazardous substances
- System of hazard identification and risk control, such as Risk assessments, Daily Safe Task Instructions and communication.
- Verification procedures including
- Daily site safety inspections and audits
- Inspection of plant, tools and equipment prior to introduction to site and at least monthly thereafter
- Accident/incident reporting, recording, investigation and analysis, which ensure that corrective action, are taken and this action is communicated to report initiators
- Evacuation and emergency planning
- Rehabilitation procedures that encourage an early return to work
- Record keeping, including details of what is kept and for how long

3.5.1 Hazard Identification, Risk Assessment and Risk Control

- The development of a work scope and activity risk profile identifying and considering, safety, health and environmental hazards and exposures.
- Controls to manage risks identified within the risk profile will be formalised and implemented
- Personal Protection Equipment
- The hazard identification and risk assessment process for specific operations and activities and for new activities identified after the development of the project/work scope and activity risk profile.
- The process to be used to review the effectiveness of risk controls
- Workplace hazard inspections

- The implementation of a safety observation and coaching process conducted as a minimum by persons in leadership roles
- Method by which daily activities will be assessed for hazards and controls defined before work commences
- Contractor will carry out inspections and maintain requests of the identification of and implementation of inspection and maintenance controls for plant, mobile plant, equipment and tools requiring formal management.

3.5.2 Risk Assessment

- The principal contractor must, before the commencement of any work and during such work, have risk assessments performed by a competent person appointed in written.

The risk assessment should include-

- (a) the identification of risks and hazards to which persons may be exposed to
 - (b) an analysis and evaluation of the risks and hazards identified based on a documented method
 - (c) a documented plan and applicable safe work procedures to mitigate reduce or control the risks that have been identified
 - (d) a monitoring plan and
 - (e) a review plan
- Furthermore, the contractor shall conduct job/task specific risk assessment. Communication of the risk assessments shall be kept in the OHS file.
 - Risk assessment must be performed by a trained risk assessor who has been appointed in writing.
 - The principal contractor shall comply with the requirements of CR 9

3.5.3 Task Specific Risk Assessment

Prior to the commencement of each work activity, a Task Specific Risk Assessment (HIRA) is completed; documented and submitted to KZN Department of Health for approval prior to the task commencing. The purpose of the HIRA is to identify all potential hazards associated with the Work and the Work environment, assess the risk these hazards present and then to provide risk control action that deals with those hazards, as well as providing to the workforce involved in the particular work activity, details of any hazards and the proposed controls.

The Task Specific Risk Assessment must:

- Describe the operation to be performed in the sequence of the basic job steps.
- Identify the hazards or potential hazards at each step.

- Identify the possible consequences for each hazard at each step.
- Assess the Initial Risk Score that each hazard presents (Probability x Severity x Frequency), the total score will be used to identify the Risk Ranking/Priority Factor.
- Once control measures have been considered and implemented, a Revised Risk Score must be allocated to each hazard.
- Identify the Site Rules that apply.
- Describe how the hazard is controlled such that the residual risk is as low as reasonably practicable and is acceptable to the work crew.
- Identify the related Work Instruction if appropriate.
- Be reviewed prior to each shift.
- Be acknowledged by way of signature of all personnel involved in the work activity

3.5.4 Safety Method Statements

- The Contractor must submit Safety Method Statements to the KZN Department of Health's nominated Representative for approval prior to the task commencing.
- The Task Items listed in the Safety Method Statement must tie up with the task items being assessed in the Task Specific Risk Assessment document.
- The Safety Method Statement must detail in a step by step and methodical manner how the task is to be done from beginning to the end and must indicate what tools/equipment will be used at each stage and/or how the work area is to be accessed.

3.5.5 Hazardous Materials

- The Contractor must set out its policy for the use, transportation, handling and storage of fuel and hazardous materials taking into account the legislative requirements. The Contractor must ensure that all hazardous materials and waste products are disposed of in accordance with applicable laws and regulations and any procedures published by DOH or in the absence of any relevant law, regulation or procedures, in accordance with sound safe practice.

3.5.6 Incident Management

- The principal contractor must appoint a competent incident investigator in writing.
- Incident management plan must be developed and implemented by the principal contractor
- All incidents must be investigated and recorded
- Reportable incidents must be reported to the Department of Labour
- Incidents must be reported to DOH within 24 hours of occurrence
- An incident register must be kept on site.

- Incident investigation report inclusive of corrective measures must be submitted to DOH

3.5.7 Emergency Preparedness and Procedures

- The principal contractor must develop an emergency procedure
- The emergency procedure must have; but not limited to:
 - A detailed response procedure;
 - List of key personnel
 - Details of emergency services
 - Steps to be taken in the event of each and every specific type of emergency
- The emergency procedure must be communicated to all employees
- Emergency numbers must be known to all employees

3.5.8 First Aid Equipment

- The principal contractor must appoint first aider in writing
- The appointed first aider must be in possession of First Aid Level 2 certificate.
- The contractor must provide his own first aid box

3.5.9 Unsafe Acts and Conditions

- The Contractor must implement a system to recognise, correct, and report unsafe acts and conditions associated with all Site activities.

3.5.10 Occupational Health & Infection control

- The contract may expose employees to biological agents; contractors must ensure that an adequate risk assessment is prepared and identifies the biological agents and controls thereof.
- Appropriate PPE must be used at all times

3.5.11 Extreme weather conditions

- If weather conditions pose a threat to Health & Safety of employees, be it extreme heat, cold, lightening or any weather condition, the Principal must apply appropriate safety measures. For hot environments; cool portable water shall be provided.

3.5.12 Medical Certificates of Fitness

- Prior to commencement of works; the principal contractor must submit valid medical certificates of fitness for all employees
- DOH will only accept Medical certificates of fitness obtained from an authorised Occupational health Practitioner
- A procedure to cater for employees with limitations must be developed and implemented by the contractor.
- Employees without valid medical certificates will not be allowed on site.

3.5.13 Plant and Equipment

- The contractor must implement and comply with OH&S Act - Electrical Machinery Reg. 9, Driven Machinery Reg. 1 – 20, Electrical Machinery Regulations and Electrical Installation Regulations.
- The Contractor must supply, at his cost, all items of plant and equipment necessary to perform the work and must maintain all items in good order and condition.
- Should any plant or equipment become inoperable for a period considered to be harmful to the progress of the work, the Contractor, must remove the unserviceable plant or equipment and replace it with similar serviceable plant or equipment at no cost to KZN Department of Health.
- No item of plant or equipment delivered to site for this Contract is removed from the site prior to the completion of the Contract without the written approval of DOH.
- DOH reserves the right to inspect items of plant or equipment brought to site by the Contractor for use on this Contract. Should DOH Representative has the opinion that any item is inadequate, faulty, unsafe or in any other way unsuitable for the safe and satisfactory execution of the work for which it is intended, He/She must advise the Contractor in writing and the Contractor must forthwith remove the item from the site and replace it with a safe and adequate substitute.

3.5.14 Personnel Protective Equipment/Clothing (PPE)

- The contractor must provide suitable and adequate PPE to all his/her employees
- PPE must be issued to all workers free of charge and a record of issuing must be kept
- Training must be provided to all employees to ensure they know how to use and maintain their PPE
- Training should include but not limited to: Cleaning of PPE, Hygiene, Correctly Putting PPE on, Inspection of PPE, Health Risks associated with the task,
- The contractor must comply with the requirements of General Safety Regulations

3.5.15 Working on Live Electrical Equipment / Sub-Station

- The Contractor may not allow any work on live electrical equipment!

3.5.16 Barricading requirements

- All openings and edges must be barricaded with solid barricading to withstand an impact of at least 100kg
- Only solid barricading covered with Orange Netting and or DOH approved equivalent barricading is allowed.
- Solid barriers to prevent persons falling into them must protect openings in floors, stairwells, staircases, open-sided buildings and any structure in the course of erection, where dangerous openings exist
- Contractors must pre-plan the delivery of floor grating, stair treads, landings and handrails to ensure safe access and protection for persons working on structures
- Barricading must be tagged, placed on register, maintained and inspected daily – The owner of the barricade's name and mobile number must appear on the tag
- All handrails and fencing must comply with DOH Standards.
- The contractor must comply with the requirements of General Safety Regulation 13 (I)

Note: Danger tape will not be accepted as barricading!

3.5.17 Working in Existing Operations

- Work must be carried out such that no interference is caused.
- Any work which requires section of the Plant to be taken out of operation with resultant interruption to production and/or other activities must be carried out in the absolute minimum of time and be on the basis of the Contractor working around the clock (within legal parameters) for the duration of such work. The times when work of this nature can be carried out must be arranged with DOH

3.5.18 Notification of Construction Work

- The principal contractor must notify the department of Labour in writing 7 days before commencement of construction works.

3.5.19 Vehicles and mobile plant

- The contractor must ensure that vehicles and mobile plants comply with the requirements of CR 23
- Vehicles and mobile plants must be inspected daily before use and records thereof must be kept
- Competent personnel must be appointed to use and manage such

3.5.20 Housekeeping and general safeguarding on site

- The contractor must comply with the requirements of Environmental Regulations for Workplaces (ERW) and CR 27
- The contractor must ensure continuous housekeeping on site
- Accumulated waste must be removed regularly
- The site must be kept neat and clean at all times

3.5.21 Stacking and storage on site

- The contractor must appoint in writing a competent stacking storage supervisor
- The contractor must comply with the requirements of GSR and CR 28

3.5.22 Fire precautions on site

- The contractor must minimise fire risks on site
- The contractor must comply with the requirements of ERW and CR 29

3.5.23 Employee Facilities on site

- The contractor must provide adequate facilities on site i.e. toilets; eating areas; changing areas and showers etc.
- The contractor must comply with the requirements of CR 30

4. Training and Competency

- Prior to the commencement of the work, the Contractor must provide current documentation to the satisfaction of DOH verifying that the Contractor's personnel are competent and have the appropriate qualifications, job skills and training as required by this Contract and applicable laws.
- The Contractor must ensure that all his employees and his Sub-Contractors' employees working on the site are adequately trained in the type of work to be performed, are trained in relevant procedures and have the appropriate qualifications, certificates and are under competent supervision. Records are to be maintained on site.
- The Principal Contractor and all contract employees are holders of current certificates or licenses, where the operation being performed requires such or applicable industry standard where legislation does not prescribe or have registered courses to meet the requirements.

4.1 Induction in Health and Safety

- The Contractor must ensure that no employee of the Contractor or its subcontractors, including transport and delivery Contractors entering the site delivering materials and/or equipment, must proceed to enter the Site or any operations area until they have received all training required under applicable laws and regulations, including, but not limited to, work activity inductions and the KZN Department of Health's Site-specific induction.
- The Contractor must also prepare and present to all its employees its own Contractor Induction, explaining the Contractor's Safety Management Plan, the Contractor's Rules, the obligations imposed by the Occupational Health and Safety Act and Regulations.
- The contractor must comply with: OH&S Act - Section 8

5. Smoking

- The Contractor must not permit smoking at the Site except within designated smoking areas.

6. Intoxicating Liquor or Drugs

- The contractor must implement and comply with OH&S Act – General Administrative Regulation 10
- Any person found on the site or attempting to enter site, in possession of or consuming intoxicating liquor or illegal drugs or considered unfit for work from the apparent influence of intoxicating liquor or illegal drugs or prescription drugs, is removed from the site.

7. Housekeeping

- The contractor must implement and comply with Construction Reg. 27
- The Contractor must maintain all work areas in a tidy state, free of debris and rubbish.
- The Contractor must dispose of all debris, rubbish, spoil and hazardous waste off site, outside KZN Department of Health's property in a designated and authorised area or facility. The Contractor should make itself aware of the KZN Department of Health's waste management plan and collection and disposal arrangements and align its waste management program accordingly.
- In cases where an inadequate standard of housekeeping has developed and compromised safety and cleanliness, DOH has the right to instruct the Contractor to cease work until the area has been tidied up and made safe.
- The Contractor must carry out regular safety/housekeeping inspections at least weekly to ensure maintenance of satisfactory standards. The Contractor must document the results of each inspection and must maintain records for viewing by DOH.

8. Fundamental health and safety requirements

Before any work commences, proof of and the following non-negotiable deliverables are required:

- Incident investigation training by Construction Manager and or Safety Officer
- Letter of good standing with the Workman's Compensation Commissioner
- Legal liability training of all Supervisors and Construction Managers
- Original of the notification of construction work stamped by the Department of Labour
- Public Liability Insurance
- Competency training certificates of people to execute the job
- Method statements for work to be conducted
- A Baseline Risk Assessment
- Risk Assessments for every Job/Task
- Signed legal appointments as required by legislation
- Contractors' Safety Officer CV and competency certificates
- Health and Safety Management Plan
- Health and Safety file
- All equipment to be on a current register, backed up by relevant test certificates
- A Medical fitness certificate for each employee with Annexure 3 completed per employee
- Proof of induction (Contractor induction training)

9. OMISSIONS FROM HEALTH SAFETY AND REQUIREMENTS SPECIFICATION

- By drawing up this OHS specification, DOH has endeavoured to address the most critical aspects relating to OHS issues in order to assist the contractor in adequately providing for the health and safety of employees on site. Should DOH not have addressed all SHE/Q aspects pertaining to the work that is tendered for, the contractor needs to include it in the SHE plan and inform DOH of such issues when submitting.

Contractor's Acceptance & Acknowledgement of the Health & Safety Specification:

I, _____ (print name in full), the undersigned responsible person (Contractors 16.1/16.2 Appointee) for: _____ (Company Name)

declare that I have read, understood and accept the responsibilities and requirements of this Health & Safety Specification for the project: **Installation of Generators at KZN Health Institutions** will ensure that this Health & Safety Specification is communicated to the relevant parties so that the requirements hereto can be complied with.

**Contractor's Responsible Person
(16.1/ 16.2 Appointee)**

Date

T2.34 - BASELINE RISK ASSESSMENT

Project title: SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

Bid no: ZNB 9707/2019-H **Project Code:**

BASELINE RISK ASSESMENT ATTACHED HEREAFTER.



.....

Baseline Risk Assessment: Generator Installation at KZN Health Facilities. Please note this is a baseline risk assessment not a detailed risk assessment of all anticipated activities on site and not in order of activities of the project. The Principal contractor will be required to compile a detailed risk assessment for the project.

Main Activity	Sub activities	Hazards	Risks	Category			Control Measures	Responsible person
				Safety	Health	Environmental		
Site establishment	Vegetation clearing (Manual)	Snakes Insects Poisonous vegetation Extreme weather conditions	Snake bites Insect bites Skin rashes. Death Heat & cold	Injuries	Skin infections Dust inhalation	Land pollution	Proper Risk assessment Method statements Adequate supervision Training	Contractor

	Vegetation clearing (mechanical)	Snakes Insects Poisonous vegetation Extreme weather conditions Noise Dust Vibration Moving vehicles	Snake bites Insect bites Skin rashes. Death Heat & cold Dust	Injuries	Skin infections Dust inhalation	Land pollution	Proper Risk assessment Method statements Adequate supervision Training	Contractor
	Site office positioning	Manual handling Struck against material Struck by material Sharp edges Tripping Hidden services	Muscular strains Hand injuries Cuts; abrasions Bruises Fractures electrocution	Injuries Fractures			Supervision HIRA Method statement Training proper barricading PPE Service detection	Contractor
	Electrical connection	Electricity	Electrocution;	Injuries			Supervision	Contractor

	to the site office	Sharp edges Poor working postures	death Cuts Muscular pains	Electrocution				HIRA Method statement Training PPE	Contractor
	Water connection to site office	Sharp edges Extreme weather conditions Physical exertion Poor working posture	Cuts Heat stroke Muscle strains Back strains	Injuries Body strains				Supervision HIRA Method statement Training PPE	Contractor
Trench Digging	Manual Dinging of trenches	Manual handling Weather extremes Trench collapse	Ergonomic stressors awkward postures hand injuries weather extremes	Injuries	Body pains Heat stress Cold hands/feet	Environmental & land pollution		HIRA Method statement Training PPE Supervision Trench daily	Contractor

Excavation digging	Manual excavation	Manual handling Weather extremes Trench collapse	Ergonomic stressors awkward postures hand injuries weather extremes	Injuries	Body pains Heat stress Cold hands/feet	Environmental & land pollution	inspections Shoring where required Tool inspections Environmental & Waste Management plan	Contractor
							HIRA Method statement Training PPE Supervision Trench daily inspections Shoring where required Tool inspections Environmental & Waste Management	

Concrete mixing	Manual handling Hazardous Chemical Substances (HCS) Weather extremes	Manual handling Hazardous Chemical Substances(HCS) Extreme weather conditions	Ergonomic stressors Inhalation of HCS Heat/Cold	Muscle pains/ strains Hand injuries	Respiratory tract infections Skin rash Heat rash Cold hands/feet	Environmental & land pollution	Environmental & Waste Management plan	Contractor
Concrete laying	Manual handling Hazardous Chemical Substances (HCS) Weather extremes	Manual handling Hazardous Chemical Substances(HCS) Extreme weather conditions	Ergonomic stressors Inhalation of HCS Heat/Cold	Muscle pains/ strains Hand injuries	Respiratory tract infections Skin rash Heat rash Cold hands/feet	Environmental & land pollution	Environmental & Waste Management plan	Contractor
Generator Installation	Location of generator into the concrete slab	Mechanical Handling/ rigging Extreme weather conditions	Physical stressors	Heat/Cold			Lifting Machinery to be in a safe manner Authorised Mechanical Machinery	Contractor

							operator Warning rotating light on the driven machinery trained employees HIRA Safe Working Procedures Red flag usage	
Electrical Connection	Cable laying and connection	electrocution	electrical burns				Authorised electrical person lock out procedures supervision HIRA	Contractor
Trench Compaction	Backfilling Mechanical Compaction	Injuries Moving machinery	Bodily harm body cuts				Competent machine operators HIRA Supervision Safe work	Contractor

Fuel/diesel Connection	Diesel pipe connection	Hazardous Chemical Substances Manual handling Fuel leakages					procedures MSDS's Communication Fuel absorbent HIRA Supervision Safe work procedures PPE	
------------------------	------------------------	---	--	--	--	--	---	--



health

Department:
Health

PROVINCE OF KWAZULU-NATAL

Street Address: Hyslop Road; Townhill Hospital
Pietermaritzburg, 3200

Postal Address: Private Bag X9051,
Pietermaritzburg, 3200

Tel: (033) 9402524

Occupational Health and Safety Specification

GENERATOR INSTALLATION PROGRAMME

T2.35 - DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS - SBD 6.2

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) makes provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such tenders with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where;

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00, on the date of advertisement of the bid as indicated in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on http://www.thedti.gov.za/industrial_development/ip.jsp at no cost.

- 1.6. A bid may be disqualified if –
 (a) this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;

2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
_____	_____ %
_____	_____ %
_____	_____ %

3. Does any portion of the services, works or goods offered have any imported content?

Yes
 No
 (Tick applicable box)

- 3.1. If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00, on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za.

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY	
IN RESPECT OF BID NO.	ZNB 9707/2019-H
ISSUED BY:	_____
	<i>(Procurement Authority / Name of Institution):</i>
NB	_____
1	The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
2	Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on http://www.thdti.gov.za/industrial development/ip.jsp . Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below. Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.
I, the undersigned, _____ <i>(full names),</i>	
do hereby declare, in my capacity as _____	
of _____ <i>(name of bidder entity),</i>	
the following:	
(a)	The facts contained herein are within my own personal knowledge.
(b)	I have satisfied myself that:
(i)	the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011;

(c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.

The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

(d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.

(e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____ **DATE:** _____

WITNESS No. 1 _____ **DATE:** _____

WITNESS No. 2 _____ **DATE:** _____

T2.36 - Functionality Criteria

The Bidder needs to score a minimum of 60 points for the functionality and quality criteria to be considered responsive for this Bid. This form must be returned with the other returnable documents.

TENDER EVALUATION CRITERIA AND SCORING

The weighting for Quality and functionality out of 100 sub-points is as follows:

Evaluation Criteria	Deliverables	Points	Sub-Points	Sub-Criteria	Sub-Points Scoring		Scoring
1	Financial Capability to start and complete the project	20	20	Proof in the form of official letter from financial institution stipulation credit limit/available capital	20	Proof of capital of at least 25% of project value	
					0	No or irrelevant submission, does not meet requirement	
2	Competency and experience of the Tenderer	20	20	Schedule of experience with supply and installation of similar generator installations value and scope	20	5 Successfully completed projects of similar value and scope completed in the last 3 years	
					10	3 Successfully completed projects of similar value and scope completed in the last 3 years	
					0	No or irrelevant submission, does not meet requirement	
3	Tenderer's Project management Structure, Organogram and experience of technical resources proposed for this project	50	10	Submission of a detailed project organogram that shows roles and responsibilities of each team member that will be allocated to this project	10	Submission of a detailed project organogram that shows roles and responsibilities of each team member that will be allocated to this project	
					0	No or irrelevant submission, does not meet requirement	
					20	At least 3 qualified Artisans with relevant experience plus at least 1 Project manager with relevant experience	
			20	Submission of detailed CV's of key team members showing relevant experience and qualifications	10	At least 1 qualified Artisan with relevant experience plus at least 1 Project manager with relevant experience	
					0	No or irrelevant submission, does not meet requirement	
4	Locality	10	20	Submission of detailed CV's of Professional team members showing relevant experience and qualifications (Can be a sub-contractor if not in-house)	20	ECSA registered professional with experience in at least 3 similar projects in scope and value	
					10	ECSA registered professional with experience in at least 1 similar project in scope and value	
					0	No or irrelevant submission, does not meet requirement	
			10	Submission of proof of location of workshops/offices in Kwazulu-Natal	10	Submission of proof of location of workshops/offices in Kwazulu-Natal	
			10	Submission of proof of location of tenderers premises or branch office	5	Submission of proof of location of workshops/offices in South Africa (Outside of Kwazulu-Natal)	
					0	No or irrelevant submission, does not meet requirement	
		100	100			Total Points scored	

TENDER EVALUATION CRITERIA AND SCORING PRICE AND BBEE			
Evaluation Criteria	Deliverables	Points	Points
1	Price The lowest responsive and responsible priced offer shall be allocated 80 points. All other responsive and responsible offers shall be allocated a prorated point value based on the lowest responsive and responsible priced offer.	80	
2	Broad Based Black Economic Empowerment (BBBEE) The points allocated to each tenderer for Broad Based Black Economic Empowerment shall be based on the Broad Based Black Economic Empowerment Scorecard. In this regard, the points score for this criteria for each tenderer, shall be determined as follows:	20	
	Level 1 Contributor	20	Points
	Level 2 Contributor	18	Points
	Level 3 Contributor	14	Points
	Level 4 Contributor	12	Points
	Level 5 Contributor	8	Points
	Level 6 Contributor	6	Points
	Level 7 Contributor	4	Points
	Level 8 Contributor	2	Points
	Non-Compliant Contributor	0	Points

PROVINCIAL ADMINISTRATION OF KWAZULU-NATAL DEPARTMENT OF HEALTH



health

Department:
Health
PROVINCE OF KWAZULU-NATAL

BILLS OF QUANTITIES

CONTRACTUAL SECTION ONE VOLUME APPROACH

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

Project Leaders

Mr. E. Schutte
Private Bag X9051
Pietermaritzburg
3200
033 940 2539
erich.schutte@kznhealth.gov.za
0
0

Employer:

Head: Health
KZN Department of Health
Private Bag X9051
PIETERMARITZBURG
3200
Tel Number: 033 940 2539
Fax Number:

Region:

Chief Director: Infrastructure Development
KZN Department of Health
Private Bag X 9051
Pietermaritzburg
3200
Tel Number: 033 940 2538
Fax Number: 0

Bid Number: ZNB 9707/2019-H

CIDB Grading: 5 EP / 5 EB

ECDP Number: N/A

Project Code: 0

Closing Date: 25 September 2019

Contracting Party: _____

CIDB Registration number: _____

Central Suppliers Database Registration Number: _____

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN
THE AMAJUBA HEALTH DISTRICT.**

THE CONTRACT

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN
THE AMAJUBA HEALTH DISTRICT.**

C1 - AGREEMENT AND CONTRACT DATA

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN
THE AMAJUBA HEALTH DISTRICT.**

FORM OF OFFER AND ACCEPTANCE

FORM OF OFFER AND ACCEPTANCE

Bid No - ZNB 9707/2019-H

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

C.1.1 - FORM OF OFFER AND ACCEPTANCE

THE OFFER AND ACCEPTANCE FORM IS BOUND INTO **SECTION 1** (See end of Returnable Documents) OF THIS DOCUMENT AS PART OF THE RETURNABLE DOCUMENTS. ONCE A CONTRACT IS CONCLUDED WITH A SUCCESSFUL TENDERER, THIS PAGE WILL BE REPLACED WITH THE FILLED AND SIGNED OFFER AND SIGN ACCEPTANCE BY THE EMPLOYER AND IT WILL BECOME PART OF THE CONTRACT.

PLEASE SUBMIT THE OFFER AND ACCEPTANCE FORM WITH THE OTHER RETURNABLE DOCUMENTS.

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN
THE AMAJUBA HEALTH DISTRICT.**

C1.2 - CONTRACT DATA

CONTRACT DATA FOR:

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

Bid no: ZNB 9707/2019-H

The General Conditions of Contract are the clauses contained in the General Conditions of Contract (2010) (Second Edition) published by the South African Institution of Civil Engineering. Copies of these conditions of contract may be obtained through most regional offices of the South African Institution of Civil Engineering, telephone number 011 805 5947 or by visiting their website at www.saice.org.za.

CONTRACT SPECIFIC DATA

The following contract specific data are applicable to this contract:

CONTRACT VARIABLES

This schedule contains all variables specific to this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the bid documents. Both the pre-tender and post-tender categories form part of this agreement.

Spaces requiring information must be filled in, shown as 'not applicable' or deleted but not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross referenced to the applicable clause of the schedule. Key cross reference clauses are italicised in [] brackets.

The Engineer/Principal Agent, in accordance with Clause 1.1.1.16, shall obtain the specific approval from the Employer before executing any of his functions according to the "Conditions under which Consultants are appointed", or in the event where an employee of the Employer represents the Employer, the relevant General Delegations applicable at the time of executing his/her duties as described in Clause 3.1.2.

Part 1: CONTRACT DATA PROVIDED BY THE EMPLOYER:

PRE-TENDER INFORMATION

CONTRACTING AND OTHER PARTIES

[1.1.1.15]

Employer:
Head: Health (KZN Department of Health: Province of KwaZulu-Natal)
Postal address:
Private Bag X9051
PIETERMARITZBURG
3200
Tel: **033 940 2539** Fax:

[1.2.1.2]

Physical address:
KZN DoH Townhill Office Park Townhill Hospital Hyslop Road Pietermaritzburg
PIETERMARITZBURG
3201

PART 1: DATA PROVIDED BY THE EMPLOYER

[1.1.1.13]

Defects Liability Period

The defects liability period is: **N/A**
Defects Liability Period is 12 Months for Electrical, Mechanical, Industrial and Civil works
Defects Liability Period is N/A for Building Works

Latent Defect Period

[5.16.3]

The latent defect period is:

Documentation required before Commencement of the Works:

[5.3.1]

The documentation required before commencement with the Works execution are;

[4.3]

Health and Safety Plan

[5.6]

Initial Programme

[6.2]

Guarantee

[8.6]

Insurance

Cash flow by contractor

Priced Bill of Quantity

Programme

Other requirements

[5.3.2]

The time to submit the documentation required before commencement with Works execution is: calendar days

Non-Working days

[5.8.1]

Non-Working days **N/A**
Special non- working days **N/A**

[5.8.1]

First Year end break - commences **N/A**

	ends on	N/A
	Second Year end break - commences	N/A
	ends on	N/A
	Third Year end break - commences	N/A
	ends on	N/A
	Fourth Year end break - commences	N/A
	ends on	N/A
[3.1.3]	Engineer/Principal Agent to consult with Employer The Engineer shall obtain the specific approval from the Employer before executing any of his functions according to the "Conditions under which Consultants are appointed", or in the event where an employee of the Employer represents the Employer, the relevant General Delegations applicable at the time of executing his/her duties.	
[6.2.1]	Security The time to deliver the deed of guarantee is Prior to site hand over in terms of clause 5.3.1 and 5.3.2.	
[6.2.1]	The liability of the Guarantee shall be for N/A%. Please see Offer and Acceptance form for various option available to Bidder.	
	Commencement Date Commencement date means the date of Site Hand over that should not occur prior to the Bidder receiving one fully signed copy of the Offer and Acceptance in terms of the Form of Offer and Acceptance.	
	<p>The Agreement comes into effect on the date when; The tenderer <u>receives one fully completed original copy of this document</u>, including the Schedule of Deviations (if any)</p> <p>The agreement ("this document") consists of; 1. Agreement and Conditions of Contract. 2. Form of Offer and Acceptance. 3. Contract Data. 4. Scope of Works. 5. Site Information. 6. Drawings & documents referred to in the 1 to 4 above.</p> <p>(See Form of Offer and Acceptance)</p>	
[5.3.1]	The contractor shall commence executing the Works As and when called upon by an Appointed person from the office of the Infrastructure Development	
[5.4.1]	Possession of the site will be given within 10 calendar days after the contractor has fulfilled the conditions (4.3, 5.6, 6.2, 8.6) and received the notification from the Employer of Site Hand Over where the contractor will receive one <u>fully signed</u> copy of the Form of Offer and Acceptance from the employer.	
[5.6.1]	N/A	
	CONTRACT DETAILS	
[1.1.1.33]	Works description: Refer to document C3 – Scope of Work.	
[1.1.1.30]	Site description: Refer to document C4 – Site Information.	
	Specific options that are applicable to a State organ only Where so :	
[6.10.6.2]	1) Interest rate legislation: (a) in respect of interest owed <u>by the employer</u> , the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and (b) in respect of interest owed <u>to the employer</u> , the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply	
	2) Lateral support insurance to be effected by the contractor:	Yes <input type="checkbox"/> No <input type="checkbox"/>
	3) Payment will be made for materials and goods	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	4) Dispute resolution by litigation	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	5) Extended defects liability period applicable to the following elements:	<input type="text" value="N/A"/>
[8.6.1.1.2]	The Value of material, supplied by the Employer, and not included in the Contract Price, is:	R0.00
[8.6.1.1.3]	The amount to cover Professional Fees, not included in the Contract Price, for repairing damage and loss to be included in the insurance:	R0.00
[8.6.1.3]	The limit for indemnity for liable insurance is:	<input type="text" value="N/A"/>
[6.5.1.2.3]	The percentage allowance to cover overhead charges for contractor and subcontractors, is:	<input type="text" value="N/A"/>
[1.1.1.14]	Practical Completion Date The Practical Completion date is: N/A	
[5.5.1]	For the works as a whole: The whole of the works shall be completed within:	<input type="text" value="36"/> Months (which shall be deemed to include all Non – Working Days, Special Non – Working Days and the year-end Builders Annual Industry Holiday Periods).
[5.13.1]	The date for practical completion shall be	<input type="text" value="N/A"/>
[5.13.1]	The penalty per calendar day shall be :	<input type="text" value="N/A"/>
[5.5.1]	For the works in sections: The date for practical completion from the commencement date and the penalty per calendar day:	
[5.13.1]	Portion 1:	<input type="text" value="N/A"/>
[5.13.1]	Portion 2:	<input type="text" value="N/A"/>

[5.5.1]	N/A
[5.13.1]	N/A
	Portion 3:
[5.5.1]	N/A
[5.13.1]	N/A
	Portion 4:
[5.5.1]	N/A
[5.13.1]	N/A
	Portion 5:
[5.5.1]	N/A
[5.13.1]	N/A
	Portion 6:
[5.5.1]	N/A
[5.13.1]	N/A
[1.3.2]	The law applicable to this agreement shall be that of the: Republic of South Africa
[6.10.1.5]	The percentage advance on materials not yet built into the Permanent Works is: <input type="text" value="N/A"/>
[6.10.3]	Percentage retention on amounts due to contractor is: <input type="text" value="0.00%"/> Maximum retention is: <input type="text" value="N/A"/> of the Contract Price
[6.8.1]	Notwithstanding anything to the contrary contained in the General conditions of Contract and Preliminaries, this contract could only, when the <u>construction period exceeds 6 months and the contract exceeds R1,000,000.00</u> , be subject to a Contract Price Adjustment Factor.
[6.8.2]	Clause 6.8.2 the last part of the sentence saying "calculated according to the formula and the conditions set out in the Contract Price Adjustment Schedule." must be replaced by "calculated according to the Contract Price Adjustment Provisions (CPAP) Indices Application Manual for use with P0151 indices (Revised 1 January 2013)" as published by Statistics South Africa. The Contract Price Adjustment Provision (CPAP) will be subject to the most recently released indices by Statistic South Africa. Bidders are advised that with reference to Clause 3.4.6 of the Contract Price Adjustment Provisions (CPAP) Indices Applications Manual, the Head: Public Works will not accept the submission by Bidders of lists of additional items."
[6.8.2]	Where this contract is a Lump Sum contract, the contract will only be subject to Contract Price Adjustment Provisions (CPAP)(Revised 1 January 2013) where the contract period equals or exceeds 6 calendar months. The applicable work group shall be WG 180 for domestic buildings or WG 181 for commercial and industrial buildings only.
[5.14.5]	The following clause must be added to clause 5.14.5: [5.14.5.6] The employers agent shall submit the final account within 3 calendar months to the principal agent.
[10.5]	The determinations of disputes shall be by ARBITRATION ONLY.
[10.5.3]	The number of Adjudication Board Members to be appointed is: <input type="text" value="One"/> Replace the last part of the clause with the following: "...on the application of either party, by the Chairman, or his nominee of the Association of Arbitrators."
[10.9.1]	Where CPAP is applicable, the contract sum will be adjusted in accordance with the Contract Price Adjustment Provisions (CPAP) as set out in the CPAP Indices Application Manual as published by Statistics South Africa, dated 1 January 2013 and any amendments thereto: 1) Glass etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that work group unless specifically stated otherwise in the bills of quantities. 2) In case of uninterrupted power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems shall be adjusted in accordance with Work Group 170. 3) Further to clause 3.4.6 of the CPAP Indices Application Manual, the listing of additional items for exclusion by Bidder's, will not be permitted. Alternative Indices: Not Applicable Details of changes made to the General Conditions of Contract for construction works (2010) Second Edition
[1.1]	Clause [1.1.1.5] COMMENCEMENT DATE – means the actual date of Site Hand over that should not occur prior to the Bidder receiving one fully signed copy of the Offer and Acceptance in terms of the Form of Offer and Acceptance. [5.12.2.2] ABNORMAL CLIMATIC CONDITIONS - means conditions over and above what could reasonably be expected for the specific locality where the Works are being executed and include inter alia excessive rain, heat, cold, wind and any other climatic condition that would not normally be experienced during the season that the Works are executed in that area. The South African Weather Service's (http://www.weathersa.co.za) 10 year average climatic conditions statistics would be what could be reasonably expected for the specific locality where the Works are executed. [6.2.1] CONSTRUCTION GUARANTEE – means an on demand guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the Offer and Acceptance Form and the contract data. CONSTRUCTION PERIOD – means the period commencing on the commencement date and ending on the date of due completion date. This period will be deemed to commence on actual site hand over date to the contractor and end on the date of practical completion and shall include all annual industrial holiday periods, Sundays and public holidays. CORRUPT PRACTICE – means the offer, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. FINAL ACCOUNT - The document prepared by the principal agent, which reflects the contract value of the works at final approval or termination. FRAUDULENT PRACTICE – means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder and includes collusive practise among bidders (prior to or after the bid submission) designed to establish tender prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition. INTEREST – the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be in terms of the legislation of the Republic of South Africa, and in particular: (a) in respect of interest owed by the employer, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and (b) in respect of interest owed to the employer, the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply

[1.1.1.16] **ENGINEER/PRINCIPAL AGENT** – means the person or entity appointed by the **Employer** and named in the **Contract Data** as the **Engineer/Principal Agent** to act as agent of the **Employer**. In the event of an **Engineer/Principal Agent** not being appointed, then all the duties and obligations of an **Engineer/Principal Agent** as detailed in the **Contract** shall be fulfilled by a representative of the **Employer** as named in the **Contract Data**. (Hereafter referred to as **Engineer**)

[1.1.1.21] **GENERAL ITEMS** - or preliminaries means items stipulated in the Pricing Data relating to general obligations, site services, facilities and/or items that cover elements of the cost of the work which are not considered as proportional to the quantities of the Permanent Works.

[4.4.1] Add the following to the clause 4.4.1: "The Contract shall only use subcontractors who are duly registered with the CIDB and who has an ACTIVE status at the time of submitting the bid"

[6.2.1] Refer to Offer and Acceptance form for the various options that the contractor may choose from in providing a form of **Guarantee** under "GUARATEE OPTIONS".

[6.10.6.2] Replace "at the prime overdraft rate, as charged by the Contractor's Bank," with "...at the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975)." Omit "on all overdue payments from the date on which the same should have been paid..." and replace with "only after 30 calendar days from receiving written notice from the Contractor that the amount is overdue..."

SPECIAL CONDITIONS OF CONTRACT

[5.12.3] Omit clause 5.12.3 and add the following:
"5.12.3. If an extension of time is granted, the Contractor shall be paid such additional time-related General Items, including for special non-working days, if applicable as are appropriate regarding to any other compensation which may already have been granted in respect of the circumstances concerned. The reasons for extension of time that would invoke payment of time related General Items are inter alia;
5.12.3.1 Failure to give possession of the site to the contractor.
5.12.3.2 Making good physical loss and repairing damage to the works where the contractor is not at risk.
5.12.3.3 Contract instructions not occasioned by default by the contractor.
5.12.3.4 Failure to issue construction information timeously or the late issue of a contract instruction following a request from the contractor.
5.12.3.5 Late acceptance by the principal agent of a design undertaken by a selected subcontractor where the contractor's obligations have been met.
5.12.3.6 Suspension or cancellation termination invoked by a nominated or selected n/s subcontractor due to default by the employer or the principal agent.
5.12.3.7 Insolvency of a nominated subcontractor.
5.12.3.8 A direct contractor.
5.12.3.9 Opening up and testing of work and materials and goods where such work is according to in accordance with the contract documents.
5.12.3.10 The execution of additional work for which the quantity included in the bills of quantities is not sufficiently accurate.
5.12.3.11 Late or failure to supply materials and goods for which the employer is responsible.
5.12.3.12 Suspension of the works."

[5.14.5.1] Omit entire clause 5.14.5.1

[5.16.4] Add the following new clause "5.16.4. Upon the issue of a Final Approval Certificate, unless otherwise provided in the Contract:

5.16.4.1. The performance Guarantee (if any) shall be returned within 14 days to the guarantor in terms of Clause 7."

[6.2.2] Replace the following "...it shall be deemed that the Contractor has selected a security of ten percent retention of the value of the Works." with "...it shall be deemed that the Contractor has selected a security of a bank or insurance guarantee of 5% of the value of the Works and a payment reduction of 5% of the value certified in the payment certificate excluding value added tax."

[6.2.3] Add to clause 6.2.3 the following "The Contractor shall provide proof of paid-up premium payments to accompany his payment certificate as proof that his performance guarantee has not expired yet. The Contractor will not receive payment without proof of the validity of their performance

[9.3.2.2] Omit "without prejudice to the exercise of any lien the Contractor may have acquired over the Employer's property."

Duties and functions of the **Engineer** requiring the specific approval of the **Employer** BEFORE execution of any part of these duties are as follows:

- Determinations of contractors claims for extension of time (revision of the contract completion date). All claims for extension of time shall be submitted by the **Engineer**, together with the **Engineer's** recommendations, to the **Employer** for determination. Omit "Engineer" in clause 42.2 and
- Drawings, instructions or communications of any kind requiring variations of the works and involving EXTRA's shall NOT be given effect by the **Contractor** UNTIL BOTH the "Official Variation Order" and the "Financial Request for Variation Order and Additional Funds" form, as issued by the Department of Public Works, have been approved and signed by the **Employer**.
- Insurance policies to be approved by the **Employer** within 21 days of the date of the **Commencement** of the Works.
- Any notice of disagreement raised by the **Contractor** or written Dispute Notice given by the **Contractor** to the **Engineer** shall be submitted by the **Engineer**, together with the **Engineer's** recommendations, to the **Employer** for determination.
- The issue of the certificate of practical completion, certificate of completion and the final approval certificate shall be signed and submitted by the **Engineer**, to the **Employer** for final approval and signature. The certificates shall not be considered as officially issued until signed by the

MANAGING PROJECT DURATION

- The Contractor shall co-ordinate his programme with all other contractors whose work may precede or be executed simultaneously to his own. The Contractor will be called upon to plan and control the project using the Project Evaluation and Review Technique (PERT) or other approved Critical Path Method (CPM) network analysis of his events and activities and those of the sub-contractors in his employ and must co-ordinate his planning with any other contractor employed on the project. A fortnightly project control report will be expected from the Contractor in writing, evaluating any gains or delays against the critical path and he should allow for all costs involved in planning reviewing and updating the programme to the satisfaction of the Principal Agent against this item.

- Activity-and total float shall belong to the Employer.
- N/A

It is a condition of this contract that, the contractor submit to the Engineer/principal agent a detailed CPM Programme which shall be to the approval of the Engineer/principal agent. In this regard tenderers are advised to consult with the Engineer/Principal Agent as to the format and requirements of the programme as no claim whatsoever will entertained should the programme fail to meet the requirements of the Engineer/Principal Agent. Failure to submit the programme within the stipulated time may result in the contractor being held in breach of contract.

The approved programme will form the basis of time management of the project and extension of time will not be guaranteed unless the Contractor has strictly complied with this provision.

The programme shall make allowance for rain and the number of rain days allowed within the critical path shall be on the provisions of the clause dealing with inclement weather and claiming for delays in performance in this bill.

Allowance for the above must be made under this item as no claims for failing to comply with this precondition will later be entertained.

INCLEMENT WEATHER AND CLAIMS FOR DELAYS IN PERFORMANCE

- The Contract Sum includes a monthly allowance of working days inclement weather during which rainfall exceeds mm per day for months as indicated in the Scope of Works. These days shall be reflected on the critical path of the Contractor's programme as specified in MANAGING PROJECT DURATION above.
- Claims for delays in performance due to inclement weather shall be calculated separately for each calendar month and for the project as a whole. Delays or gains to the critical path shall be reflected in all revisions of the programme. An extension of time will only be granted where the following conditions are met:
 - The criteria to be used for WORK stoppages shall be for safety hazards or poor quality of work.
 - The Employer's site representative or the Employer's Principal Agent, if the site representative is not available shall be notified when the Contractor stops the work and intends to claim performance delays. The Employer representative shall inspect the situation together with the Contractor and give an immediate decision.
 - The stoppage claimed must cause a delay in the Completion Date of work. If the critical activities can proceed and a non-critical activity is delayed due to inclement weather no claims for delay shall be granted.
 - No claims for stoppages less than 2(two) hours per day shall be considered.
 - Claims granted for more than 2 (two) hours, but less than 10 (ten) hour (lunch included) day, shall be added together and expressed as full days.

4. All claims shall be submitted in writing to the Principal Agent within one working day of the actual stoppage.
5. The total delay in performance granted to the Contractor expressed in days shall be added to the contractual Completion Date of each section of the Works. The contractual penalty clause shall only come into effect after this newly arrived date.
6. Total delays (in hours) will be rounded up or down to the nearest integer for the calculation of Working Days. The total hours (including lunch) per Working Day shall be 10 unless otherwise indicated on the Contractor's programme.
7. Where the programmed delays for inclement weather exceed the actual delays incurred the Completion Date(s) will not be adjusted.
8. Where the project includes builder's holidays the programmed durations for inclement weather shall be adjusted pro-rate to the actual Working Days.
9. The total of all monthly delays due to inclement weather shall be calculated in accordance with the example given below:

Description	Months					Total Hours
	Sept	Oct	Nov	Dec	Jan	
	Hours	Hours	Hours	Hours	Hours	
Programmed Rain days	0	30	30	15	15	90
Actual Rain days	16	22	35	15	18	106
Difference	-16	8	-5	0	-3	-16
Estimated Extension of time - in working days						2

8 hrs/day*

See point 5.2 in the Scope of Works for the specific days the bidder must allow for in this contract.

Bid no: ZNB 9707/2019-H **Part 2: CONTRACT DATA PROVIDED BY THE CONTRACTOR:**

POST-TENDER INFORMATION
Note: All information for this section requires consultation with the Contractor. The Engineer/Principal Agent shall not pre-select any of the alternatives available to the Contractor.

1 CONTRACT DETAILS

[1.1.1.9] **Contractor Name:**

[1.2.1.2] **Postal address:**

.....

.....

Tel no **Fax no**

Tax / VAT Registration No: **e-mail**

Physical address:

.....

.....

[1.1.1.10] **The accepted contract price inclusive of tax is R :**

[Amount in words]

Payment Of Preliminaries (Clause 6.7, 6.8, 6.10 and 6.11)

The preliminaries amounts shall be paid in terms of:

*Alternative A	N/A
**Alternative B	N/A

* Assessed by the Engineer/Principal Agent as an amount prorated to the value of the Work duly executed in the same ratio as the Preliminaries bears to the Contract Price excluding VAT, Preliminary amount, Contingencies and any CPAP.

** Calculated from the priced Bill of Quantity/Lump Sum document. The Contractor and the Engineer/Principal Agent shall agree on a division of the priced Preliminaries items into: initial establishment charge, monthly charge and final disestablishment charge.

If the Contractor and the Engineer/Principal Agent can not agree, within N/A Working Days from the Commencement Date, on such a division then the Engineer/Principal Agent shall make a division of the Preliminaries to be incorporated in the valuations for each monthly payment certificate as follows:

#VALUE!
 #VALUE!
 #VALUE!

Adjustment of Preliminaries (Clause 6.7, 6.8, 6.10 and 6.11)

Alternative A

For the adjustment of Preliminaries both the Contract Sum and the Contract Value (including tax) shall exclude the amount of Preliminaries, all Contingency Sum(s) and any provision for Cost Price Adjustment Provisions:-

- An amount which shall not be varied.
- An amount varied in proportion to the contract value as compared to the Contract Sum.
- An amount varied in proportion to the Construction Period as compared to the initial Construction Period (excluding revisions to the Construction Period to which the Contractor is not entitled) to adjustment of the Contract Value in terms of the agreement.

The Contractor shall provide a breakdown of charges (including tax) within 15 working days of the date of acceptance of tender and, where applicable, an apportionment of Preliminaries per section

If the Contractor and the Principal Agent cannot agree, within ten (10) Working Days from the Commencement Date, on such a division then the Principal Agent shall make a division of the Preliminaries to be incorporated in the valuations for each monthly payment certificate as follows;

- 10% of the amount shall not be varied
- 15% varied in proportion of the Contract Value to the Contract Sum
- 75% varied in proportion to the revised Construction period compared with the initial Construction Period

Sectional Completion : Subdivision of Preliminaries Costs

For the adjustment of preliminaries for sections of the work the value of fixed, value, and time related amounts of the preliminaries for each section is required. The contractor is to provide such information within fifteen (15) working days of taking possession of the site, failing which the categorised preliminaries amounts shall be prorated to the value of each section.

The above shall apply equally for projects where sectional completion was not contemplated at tender stage but subsequently occurred on an adhoc basis during construction of the works as agreed between the client and the employer. The original priced categorised amounts for fixed, value, and time related amounts shall be prorated to the value of each section.

When an extension of time has been granted in terms of the GCC and the preliminaries require to be adjusted accordingly, the pertinent sectional (subdivided) categorised preliminaries amounts shall be utilised, where applicable and not the overall preliminary amounts.

Alternative B

The Contractor shall within 15 working days of the date of possession of the site provide the Principal Agent with a detailed breakdown of Preliminaries amounts for the works as a whole, or per section where applicable, including administrative and supervisory staff charges and for the use of construction equipment in terms of the programme.

yes / no

The contractor is informed that only option 'A' shall apply

2 DOCUMENTS

Contract documents marked and annexed hereto:

Priced Bills of Quantities:

Yes

No

Lump Sum document :

Yes

No

Guarantee Options:

Not applicable

2.2 DESIGN BRIEF

Not applicable

YES or NO

2.3 DRAWINGS

YES or NO

See list of drawings/Annexure's attached to this document.

YES or NO

2.4 DESIGN PROCEDURES

YES or NO

Not applicable

Contract drawings:

Yes

No

Other documents:

Waiver of the Contractors lien or right of continuing possession is required.

3 SIGNATURES OF THE CONTRACTING PARTIES



public works

Department:
Public Works
PROVINCE OF KWAZULU-NATAL

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN
THE AMAJUBA HEALTH DISTRICT.**

C1.3 - FORM OF GUARANTEE

**C1.3 PERFORMANCE GUARANTEE -
GCC FOR CONSTRUCTION WORKS (2nd Edition - 2010)**

Head: Public Works
KZN Department of Public Works:
Private Bag X9051
PIETERMARITZBURG
3200

Sir,

ON DEMAND PERFORMANCE GUARANTEE

Bid Number ZNB 9707/2019-H

Project Code

For use with the General Conditions of Contract for Construction Works, Second Edition, 2010.

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means: _____

Physical Address: _____

"Employer" means: The Provincial Administration of KwaZulu-Natal in its Department of Public Works

"Contractor" means: _____

"Engineer" means: _____

"Works" means:

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

"Site" means: _____

"Contract" means: The Agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the parties.

"Contract Sum" means: The accepted amount inclusive of tax of: _____

Amount in Words:

"Guaranteed Sum" means: The maximum aggregate amount of: **N/A%** _____
Of Contract Sum

Amount in Words: _____

"Expiry Date" means: _____

CONTRACT DETAILS

Engineer Issues: Interim Payment Certificates, Final Payment Certificates and the Certificate Completion of the Works as defined in the Contract.

PERFORMANCE GUARANTEE

- 1 The Guarantor's liability shall be limited to the amount of the Guaranteed Sum.
- 2 The Guarantor's period of liability shall be from and including the date of issue of this Performance Guarantee and up to and including the Expiry Date or the date of issue by the Engineer of the Certificate of Completion of the Works or the date of payment in full of the Guaranteed Sum, whichever occurs first. The Engineer and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.
- 3 The Guarantor hereby acknowledges that:
 - 3.1 any reference in this Performance Guarantee to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;
 - 3.2 its obligation under the Performance Guarantee is restricted to the payment of money.
- 4 Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3:
 - 4.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Engineer in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;
 - 4.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) days has elapsed since the first written demand in terms of 4.1 and the sum certified has still not been paid;
 - 4.3 A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum Certified in 4.
- 5 Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the employer to the Guarantor at the Guarantor's physical address calling up this Performance Guarantee, such demand stating that:
 - 5.1 the Contract has been terminated due to the Contractor's default and that this Performance Guarantee is called up in terms of 5; or
 - 5.2 a provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Performance Guarantee is called up in terms of 5; and
 - 5.3 the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
- 6 It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.
- 7 Where the Guarantor has made payments in terms of 5, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Payment Guarantee have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Performance Guarantee shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.
- 8 Payment by the Guarantor in terms of 4 or 5 shall be made with seven (7) calendar days upon receipt of the first written demand to the Guarantor.
- 9 Payment by the Guarantor in terms of 5 will only be made against the return of the original Performance Guarantee by the Employer.

- 10 The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may deem fit and the Guarantor shall not have the right to claim his release from this Performance Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.
- 11 The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.
- 12 This Performance Guarantee is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.
- 13 This Performance Guarantee, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.
- 14 Where this Performance Guarantee is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Court Act No 32 of 1944, as amended, to this jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

Signed at

Date

Guarantor's signatory (1)

Capacity

Guarantor's signatory (2)

Capacity

Witness signatory (1)

Witness signatory (2)

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE
AMAJUBA HEALTH DISTRICT.**

PART C2 - PRICING DATA

C2.1 PRICING INSTRUCTIONS
GCC FOR CONSTRUCTION WORKS (Second Edition 2010)

Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid no:	ZNB 9707/2019-H	Project Code:	

C2.1 Pricing Instructions

	<p>Where any item is not relevant to this specific contract, such item is marked N/A (signifying "not applicable")</p> <p>The adjustment of the preliminaries each item priced is to be allocated to one or more of the three categories by insertion of "F", "V", "T" as the case may be against the price in the "rate" column immediately preceding the "amount" column, where "F" denotes a fixed amount (amount not varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount variable in proportion to time.</p>
1	<p>MASSES AND MEASURING UNITS</p> <p>These shall be in accordance with the Measuring Units and National Measuring Standards Act No. 76 of 1973 and amendments thereto.</p> <p>The pages of each of these documents are numbered consecutively and before the Bidder submits his bid he should check the number of pages, and if any are found missing or duplicated, or the figures or writing indistinct, or the documents contain any obvious error, he should apply to the Head : Health AT ONCE and have same rectified as no liability whatsoever will be admitted by the Administration in respect of errors in Tender due to the foregoing.</p>
2	<p>PRICES FOR VARIATIONS</p> <p>Where prices or quotations for variations are submitted by the Contractor during the currency of the Contract, it is to be clearly understood that these are for the purpose of consideration by the Head : Public Works and that there is no assumption of acceptance. The Contractor will be notified of acceptance of prices or quotations either by insertion of the amount on the variation order or by written intimation.</p>
3	<p>SCALE</p> <p>The scale to which the Drawings are made is only to be made use of when no figured dimensions are given either on the Drawings or in the tender documents and the figured dimensions are always to be followed though they may not coincide with the scale of the Drawings, but dimensions where possible are to be taken from the buildings.</p>
4	<p>PROVISIONAL ITEMS</p> <p>All items described as "Provisional" shall be used as directed by the Employer and measured and valued or paid for.</p> <p>No work for which "Provisional" items are allowed shall be commenced without written instructions from the Head : Public Works.</p>

5 **TIMELY ORDERING OF MATERIALS**
The Contractor is warned to place all orders for materials or special articles as early as possible, as he will be held solely responsible for any delay in the delivery of such goods. Nevertheless this tender is conditional upon no liability being attached to the Contractor if delivery of materials is rendered impossible by reason of any act of the Government.

6 **ELECTRICAL LIGHTING, POWER AND WATER**
The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Employer.
The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed.
Bidders are advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.

7 **IMPORT PERMITS, DUTIES AND SURCHARGES.**
All bids by means of which imported products are being called for, must use the rate of exchange 14 days prior to the closing date indicated in the bid documents. If this day falls on a weekend or public holiday, the next working day must be used.
Furthermore, Bidders must submit documentary proof (in the form of a certified copy) from their bank or legally recognised financial institution, clearly indicating what the rate of exchange was 14 days prior to the closing date, as mentioned above.
Together with this, the Bidder must confirm that the tender price relating to an imported product, was based on the rate of exchange 14 days prior to the closing date as mentioned above.

8 **STANDARD SYSTEM OF MEASUREMENT WHERE BILLS OF QUANTITIES FORM PART OF THE BID DOCUMENTS**
The work executed under this Contract has been measured in accordance with the;
Other (Specify)
including all amendments unless descriptions of items indicate a deviation and it shall be understood that the system of measurement which is herein adopted is the only system of measurement which will be recognised in connection with this contract. Any contradictions to this system of measurement contained in the "Model Preambles for Trades 2008" shall be disregarded (unless same have been accommodated in the system of measurement) but applicable rates shall be included for all requirements stated and not measured separately in compliance with this system.

9 **PRICING OF ROCK EXCAVATIONS**
It is a condition of this bid that should the bidder elect to price the Rock Excavation included in this bid, the rates must be market related and should be identically priced for the same classification of excavations and not vary for similar billed items in the different sections.

10 BROAD BASED BLACK ECONOMIC EMPOWERMENT

1. It is the deliberate policy of the Provincial Administration of KwaZulu-Natal to foster and to encourage the economic empowerment of Black South Africans. This policy will be implemented without prescription and without prejudicing the principles and the integrity of the Provincial Administration of KwaZulu-Natal. Subject to these constraints and also subject to good business practise and commercial consideration, it is therefore considered appropriate that the Provincial Administration of KwaZulu-Natal should encourage business relationships with companies which actively pursue Affirmative Action and Black Economic Empowerment Programmes.
2. In responding to this tender you are therefore encouraged to devote attention to these two subjects of Affirmative Action and Economic Empowerment. In addition, in considering the appointment of sub-contractors, you are requested to extend the spirit of these policies.
3. The foregoing enunciations of this policy are not intended to be prescriptive nor to preclude any individual or operation from responding to this bid.

11 REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE

1. In terms of the Public Finance Management Act (PFMA), 1999 (Act No 1 of 1999) Section 38 (1) (a) (iii) and 51 (1) (iii) and Section 76 (4) of PFMA National Treasury developed a single platform, The Central Supplier Database (CSD) for the registration of prospective suppliers including the verification functionality of key supplier information.
2. Prospective suppliers will be able to self - register on the CSD website: www.csd.gov.za
3. Once the supplier information has been verified with external data sources by National Treasury a unique supplier number and security code will be allocated and communicated to the supplier. Suppliers will be required to keep their data updated regularly and should confirm at least once a year that their data is still current and updated.
4. Suppliers can provide their CSD supplier number and unique security code to organs of state to view their verified CSD information.
- 5 Bidders are required to fill in clearly, legibly, in bold print and black ink their CSD supplier number in the space hereunder:

Name of Supplier	
Central Supplier Database (CSD) Supplier Number:	

12 TAX CLEARANCE REQUIREMENTS

It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations. It is a condition of this Offer of Commission that your practice remains in good standing with SARS (South African Revenue Services) in terms of its tax clearance, during the project, which is required to process your payment certificates.

- 1 In order to meet this requirement bidders are required to apply via e-filing at any SARS branch office nationally. The Tax Compliance Status (TCS) requirements are also applicable to foreign bidders / individuals who wish to submit bids.
- 2 SARS will then furnish the bidder with a Tax Compliance Status (TCS) PIN that will be valid for a period of 1 (one) year from the date of approval.
- 3 In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN.
- 4 Application for Tax Compliance Status (TCS) PIN can be done via e-filing at any SARS branch office nationally or on the website www.sars.gov.za.
- 5 Tax Clearance Certificates may be printed via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.

6	Tax Clearance Certificates may be printed via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za .
Security PIN Number	
Company / Entity Tax Reference Number	
13	<p>BILLS OF QUANTITIES/LUMP SUM DOCUMENT</p> <p>The Bills of Quantities document forms part of and must be read and priced in conjunction with all the other documents forming part of the contract documents, the Standard Conditions of Bid, Conditions of Contract, Standard Preambles to all Trades, Specifications, Drawings and all other relevant documentation.</p>
14	<p>VALUE ADDED TAX</p> <p>The bid price must include for Value Added Tax (VAT). All rates, provisional sums, etc. in the Bills of Quantities must however be net (exclusive of VAT) with VAT calculated and added to the Total Value thereof in the Final Summary.</p>
15	<p>FIXED PRICE CONTRACT</p> <p>Should the Bills of Quantities/Lump Sum Document be a fixed price contract, the following clause must be inserted in the Pricing Instructions:</p> <p>Bidders are to take note that the contract price adjustments are not applicable to this contract. Bidders should therefore make provision in the Contract Sum, schedule of rates, etc. for possible price increases during the contract period, as no claims in this regard shall be entertained.</p>



public works

Department:
Public Works
PROVINCE OF KWAZULU-NATAL

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE
AMAJUBA HEALTH DISTRICT.**

**C2.2 - Preliminaries for GCC for Construction works - 2nd Edition
2010**

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.					
BILL NO. 1					
C2.2 PRELIMINARY AND GENERAL					
	NOTES	UNIT	QUANTITY	RATE	AMOUNT
i)	The agreement is to be the General Conditions of Contract for Works of Civil Engineering Construction (2010) (Second Edition) , published by the S. A. Institution Of Civil Engineering.				
ii)	The Preliminaries are to be the Construction and management requirements for works contracts - Part 1: General engineering and construction works (SANS 1921-1: 2004 Edition 1) prepared by Standards South Africa and shall be deemed to be incorporated herein.				
iii)	Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary.				
iv)	Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading.				
v)	Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable").				
vi)	Adjustment of the preliminaries: each item priced, is to be allocated to one or more of the three categories, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount in proportion to time.				
vii)	Time (T) related Preliminaries will only be adjusted for omissions or additions, issued by the Employer, or delays caused by the Employer, for which variation and extension of time has been granted. See Contract Data .				
SECTION A: GENERAL CONDITIONS OF CONTRACT					
A1	General (clause 1) F:..... V:..... T:.....	Item			
A2	Basis of Contract (clause 2) F:..... V:..... T:.....	Item			
A3	Engineer (clause 3) F:..... V:..... T:.....	Item			
A4	Contractor's General Obligation (clause 4) F:..... V:..... T:.....	Item			
A5	Time and Related Matters (clause 5) - As referred to in the Contract Data under Special Condition of Contract. The Contract Period shall be deemed to include all Non – Working Days, Special Non – Working Days and the year-end Builders Annual Industry Holiday Periods. F:..... V:..... T:.....	Item			
Carried forward to collection				R	

		UNIT	QUANTITY	RATE	AMOUNT
A6	Payment and Related Matters (clause 6) F:..... V:..... T:.....	Item			
A7	Quality and Related Matters (clause 7) F:..... V:..... T:.....	Item			
A8	Risk and Related Matters (clause 8) F:..... V:..... T:.....	Item			
A9	Termination of Contract (clause 9) F:..... V:..... T:.....	Item			
A10	Claims and Disputes (clause 10) F:..... V:..... T:.....	Item			
<p>SECTION B: SANS 1921-1:2004 (Edition 1): CONSTRUCTION AND MANAGEMENT REQUIREMENTS FOR WORKS CONTRACTS: PART 1</p> <p>Refer to the SCOPE OF WORK for detail requirements:</p>					
B1	Scope F:..... V:..... T:.....	Item			
B2	Normative references F:..... V:..... T:.....	Item			
B3	Definitions F:..... V:..... T:.....	Item			
B4	Requirements for construction and management F:..... V:..... T:.....	Item			
B4.1	General F:..... V:..... T:.....	Item			
B4.2	Responsibilities for design and construction F:..... V:..... T:.....	Item			
B4.3	Planning, programme and method statements F:..... V:..... T:.....	Item			
Carried forward to collection				R	

		UNIT	QUANTITY	RATE	AMOUNT
B4.4	Quality assurance F:..... V:..... T:.....	Item			
B4.5	Setting out F:..... V:..... T:.....	Item			
B4.6	Management and disposal of water F:..... V:..... T:.....	Item			
B4.7	Blasting F:..... V:..... T:.....	Item			
B4.8	Works adjacent to services and structures F:..... V:..... T:.....	Item			
B4.9	Management of the Works and site F:..... V:..... T:.....	Item			
B4.10	Earthworks F:..... V:..... T:.....	Item			
B4.11	Testing F:..... V:..... T:.....	Item			
B4.12	Materials, samples and fabrication drawings F:..... V:..... T:.....	Item			
B4.13	Equipment F:..... V:..... T:.....	Item			
B4.14	Site establishment F:..... V:..... T:.....	Item			
B4.15	Survey control F:..... V:..... T:.....	Item			
B4.16	Temporary works F:..... V:..... T:.....	Item			
	Carried forward to collection				R

		UNIT	QUANTITY	RATE	AMOUNT
B4.17	Existing services F:..... V:..... T:.....	Item			
B4.18	Health and safety F:..... V:..... T:.....	Item			
B4.19	Environmental requirements F:..... V:..... T:.....	Item			
B4.20	Alterations, additions, extensions and modifications to existing works F:..... V:..... T:.....	Item			
B4.21	Inspection of adjoining structures, services, buildings and property F:..... V:..... T:.....	Item			
B4.22	Attendance on nominated and selected subcontractors F:..... V:..... T:.....	Item			
SECTION C: SCOPE OF WORK in accordance with SANS 10403 <i>(The reference to Clauses refer to Table B.1 of SANS 1921-1:2004)</i>					
C1	Certification by recognised bodies - CLAUSE 4.4 F:..... V:..... T:.....	Item			
C2	Agrément certificates - CLAUSE 4.5 F:..... V:..... T:.....	N/A			
C3	Other services and facilities - CLAUSE 4.8 F:..... V:..... T:.....	Item			
C4	Recording of weather - CLAUSE 5.2 F:..... V:..... T:.....	Item			
C5	Management meetings - CLAUSE 5.3 F:..... V:..... T:.....	Item			
C6	Daily records CLAUSE 5.6 F:..... V:..... T:.....	Item			
C7	Bond and guarantees - CLAUSE 5.7 F:..... V:..... T:.....	Item			
Carried forward to collection				R	

		UNIT	QUANTITY	RATE	AMOUNT
C8	Permits - CLAUSE 5.9 F:..... V:..... T:.....	Item			
C9	Proof of compliance with the law - CLAUSE 5.10 F:..... V:..... T:.....	Item			
SECTION D: SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 (Table A.1)					
D1	Requirements for drawings, information and calculations for which the contractor is responsible CLAUSE 4.1.7 F:..... V:..... T:.....	Item			
D2	The responsibility strategy assigned to the contractor for the works CLAUSE 4.2.1 F:..... V:..... T:.....	Item			
D3	The planning, programme and method statements - CLAUSE 4.3 F:..... V:..... T:.....	Item			
D4	Samples of materials, workmanship and finishes - CLAUSE 4.12.1 F:..... V:..... T:.....	Item			
D5	Fabrication drawings that the contractor is to provide and deliver to the employer - CLAUSE 4.12.2 F:..... V:..... T:.....	Item			
D6	Office for the foreman CLAUSE 4.14.3 F:..... V:..... T:.....	Item			
D7	Telephone - CLAUSE 4.14.3 F:..... V:..... T:.....	Item			
D8	Office for inspector of works - CLAUSE 4.14.3 F:..... V:..... T:.....	Item			
D9	Telephone in office for inspector of works - CLAUSE 4.14.3 F:..... V:..... T:.....	Item			
D10	Sheds - CLAUSE 4.14.3 F:..... V:..... T:.....	Item			
Carried forward to collection					R

		UNIT	QUANTITY	RATE	AMOUNT
D11	Provision and erection of signboards - CLAUSE 4.14.6 F:..... V:..... T:.....	Item			
D12	Termination, diversion or maintenance of existing services - CLAUSE 4.17.1 F:..... V:..... T:.....	Item			
D13	Services which are known to exist - CLAUSE 4.17.3 F:..... V:..... T:.....	Item			
D14	Detection apparatus - CLAUSE 4.17.4 F:..... V:..... T:.....	Item			
D15	Additional health and safety requirements - CLAUSE 4.18 F:..... V:..... T:.....	Item			
SECTION E: SPECIFIC PRELIMINARIES					
<u>Section E contains Specific Preliminary items which apply to this contract except where "N/A" (Not Applicable) appears against the item.</u>					
E1	PROPRIETARY BRANDED PRODUCTS The contractor shall take delivery of, handle, store, use apply and/or fix all proprietary branded products in strict accordance with the manufacturers' instruction after consultation with the manufacturer's authorised representative. F:..... V:..... T:.....	Item			
E2	OVERTIME Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the Contractor unless the Engineer/Principal Agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the Employer. F:..... V:..... T:.....	Item			
E3	AS BUILT DRAWINGS The position of construction breaks and the extent of individual concrete pours are to be recorded by the Contractor on the Structural Engineer's drawings and are to be submitted to the Engineer/Principal Agent and the Structural Engineer for their records. F:..... V:..... T:.....	Item			
Carried forward to collection				R	

SECTION E: SPECIFIC PRELIMINARIES		UNIT	QUANTITY	RATE	AMOUNT
E4	<p>SITE INSTRUCTIONS</p> <p>Site Instructions issued on site are to be recorded in triplicate in a Site Instruction book which is to be maintained on site by the Contractor.</p> <p>F:..... V:..... T:.....</p>	Item			
E5	<p>LABOUR RECORD</p> <p>At the end of each week the Contractor shall provide the Engineer/Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all sub-contractors on the works each day.</p> <p>F:..... V:..... T:.....</p> <p><i>Note: In the event that the contractor fails to satisfy the requirements of this specification, the Employer (Head: Public Works) may apply any of the sanctions provided in the contract. Sanctions may include the application of a financial penalty of .04% of the Contract Sum per calendar day of which the required report has not been submitted.</i></p>	Item			
E6	<p>PLANT RECORD</p> <p>At the end of each week the Contractor shall provide the Engineer/Principal Agent with a written record, in schedule form, reflecting the number; type and capacity of all plant, excluding hand tools, currently used on the works.</p> <p>F:..... V:..... T:.....</p>	Item			
E7	<p>NON CESSION OF MONIES</p> <p>The Contractor shall not cede nor assign his rights or claims to any monies due or to become due under this contract.</p> <p>F:..... V:..... T:.....</p>	Item			
E8	<p>SECTIONAL COMPLETION</p> <p>When it is required that the contract be executed in sections or portions, the tenderer shall allow for all costs in this regard as no claim for additional costs will be entertained.</p> <p>F:..... V:..... T:.....</p>	Item			
E9	<p>LOCAL LABOUR</p> <p>It is a general requirement of this contract that persons normally resident in the locality of the works (Local Labour) be given preference for employment on the contract. Provided, however, that should adequate and appropriate Labour not be available within the locality, others may be employed subject to satisfactory proof being provided that every reasonable endeavour has been made to employ Local Labour. The Contractor shall identify the local community leaders with the purpose of negotiating with them regarding the utilization of Local Labour in the construction process. In this regard, the Contractor shall furthermore give preference, wherever possible to the employment of single heads of households, women and youth. The Contractor shall, in general, maximize the involvement of the local community.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection					R

		UNIT	QUANTITY	RATE	AMOUNT
E10	<p>IMPORT PERMITS AND DUTIES</p> <p>The responsibility for obtaining the necessary import permits shall rest with the successful Tenderer. No foreign exchange will be arranged or provided by the Administration.</p> <p>Tenderers are to allow in their tenders and pay the ordinary levy imposed on imported items in terms of item 196.10 of Part 8 of Schedule No. 1 of the Customs and Excise Act, 1964 with effect from 1 October 1989.</p> <p>F:..... V:..... T:.....</p>	Item			
E11	<p>CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP)</p> <p>Notwithstanding anything to the contrary contained in the GCC for Construction Works 2010 2nd Edition, this Contract shall only when the Construction Period exceeds 6 months and the Contract sum exceeds R1,000,000,00 be subject to the Contract Price Adjustment Provisions Indices Application Manual for use with P0151 indices (CPAP) (Revised 1 January 2013) as published by Statistics South Africa. Tenderers are advised that with reference to Clause 3.4.6 of the Contract Price Adjustment Provisions (CPAP) Indices Applications Manual, the Head: Public Works will not accept the submission by Tenderers of lists of additional items.</p> <p>Where this contract is a Lump Sum contract, the contract will be subject to Contract Price Adjustment Provisions (CPAP) only where the contract period equals or exceeds 6 calendar months. The applicable work group shall be WG 180 for domestic buildings or WG 181 for commercial and industrial buildings.</p> <p>F:..... V:..... T:.....</p>	Item			
E12	<p>EPWP CONDITIONS AND SPECIFICATIONS</p> <p>12.1 EMPLOYMENT TARGETS</p> <p><u>E12.1 a Employment Targets</u></p> <p>The contractor needs to provide a realistic estimate on the number of jobs that the project has the potential to create throughout the project duration as the project will be implemented using labour intensive construction methods on elements where it is economical and feasible for this construction method.</p> <p>No of jobs to be created = [Contractor to fill in an estimated number]</p> <p>F:..... V:..... T:.....</p> <p><u>E12.1 b Employment requirements</u></p> <p>Tenderers are advised that this contract will be subject to the Expanded Public Works Program (EPWP) aimed at alleviating and reducing unemployment.</p> <p>Tenderers must allow for any costs for the employment of unskilled labour as per the requirements of the EPWP program;</p> <ol style="list-style-type: none"> 1. 55% of unskilled labour to be women 2. 55% of unskilled labour to be youth aged between 18 and 35 years 3. 2% of unskilled labour to be people living with disability 4. 100% Unskilled labour utilised must reside within the boundaries of the Municipality Ward where this contract is executed, with preference to the local community closest or at the walking distance to the contract site. Wherever possible local skilled tradesmen are to be employed on this contract with the view to maximize utilization of local resources. <p>F:..... V:..... T:.....</p>	Item			
	Carried forward to collection				R

	UNIT	QUANTITY	RATE	AMOUNT
<p>E12.1 c Labour rate and payment intervals The contractor should ensure that labour rate paid to unskilled local labour is commensurate to the daily task. When determining the rate, consideration should be given to that EPWP beneficiaries are mostly bread winners in their families, as the program intends alleviating poverty. There should also be consideration that the labour rate promotes creation of expanded number of jobs created and person days of work. Contractors should make endeavours to ensure that labourers, particularly unskilled are remunerated on fortnight basis and prior notification be made should there be a shortfall on their wages. The labour rate for local unskilled shall also be determined in consideration of the location of the project, i.e. for projects implemented in urbanized municipalities will not be the same as that for rural municipalities.</p> <p>F:..... V:..... T:.....</p>	Item			
<p>12.2 LABOUR INTENSIVE CONSTRUCTION METHOD E12.2 a Labour Intensive Construction (LIC) method On site there must a person(s) having competency in managing and implementing LIC methods. *Foreman @ NQF Level 4 the Unit Standard on Implementing LIC methods on site. *Site Agent/ Managers @ NQF level 5 the Unit Standard on Manage Labour-Intensive Skills Programme both must be CETA accredited</p> <p>F:..... V:..... T:.....</p>	Item			
<p>E12.2 b Labour Intensive Construction Method Those parts of the contract to be constructed using Labour Intensive methods will be marked in the BoQ with letter LI (indicating Labour Intensive) against every item so designated. Such works will only be constructed using method so indicated.</p> <p>Reference to be made to Guidelines for the implementation of Labour Intensive Infrastructure projects under EPWP. "Scope of Work in Respect of Work Relating to the Expanded Public Works Programme (EPWP)"</p> <p>F:..... V:..... T:.....</p>	Item			
<p>E12.3 RECORD KEEPING 12.3.1 Every employer must keep in the project site office the following minutes of site progress minutes; contractors' monthly site progress reports; accurately recorded attendance register; proof of payment as means to verify authenticity of data in the EPWP Beneficiary form submitted with payment certificates. Copies of submitted EPWP beneficiary data forms should also be kept in the site office.</p> <p>F:..... V:..... T:.....</p>	Item			
<p>12.3.2 The employer must keep this record for a period of at least three (3) years after the completion of the project in his/her office as the project site office would have been relocated.</p> <p>This should be safely kept for job creation data verifications and periodical audits on projects conducted by National and Provincial Department of Public Works after one (1) or two (2) quarters of submitting captured EPWP Data to the National EPWP coordinating Department.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection			R	

	UNIT	QUANTITY	RATE	AMOUNT
<p>E12.4 EPWP REPORTING as per EPWP DATA FORM At the end of each month as part of site progress report and to be attached to every contractors' progress payment certificate; the contractor shall provide the principal agent & Public Works with a written records, as per EPWP data form; which will be reflecting, beneficiaries full name & surname; ID No and job description of labour employed by main contractor and sub-contractors on site. At the end of each month the contractor must submit the following documents to be attached to the Progress payment certificate: 1. EPWP monthly data collection form 2. Worker monthly payment upload 3. Worker monthly proof of payment i.e 3.1 Acknowledgement of receipt of payment or 3.2 Payslips 3.3 Bank statement highlighted the workers paid 4. Worker monthly training form 5. Monthly attendance register 6. Certified copies of ID's (once off) 7. ID size photos (once off) 8. Proof of UIF 9. Proof of COIDA</p> <p>F:..... V:..... T:.....</p>	Item			
<p>E12.5 EPWP PROMOTION 12.5.1 EPWP signage board EPWP Program at the project level shall always be promoted through have the projects signage board that embrace EPWP logo at the bottom, correct measurement for this signage board will be provided by the project leader during the site handing over meeting. the standard "HELVETIVA MEDUIM " letters are to be used . Professional title to be 10 mm above line . Line thickness to be 8 mm thick . Space between bottom of the line and bottom of the lettering below the line has to be 100 mm. Letter sizes are as follows : Helvetica meduim 100 mm black upper case to be for project name and owner . Helvetica meduim 75mm black upper case only to be used for professional titles. Project name and owner shall be black lettering on white background. board sizes are as follows : Board to be minomum 2000mm from ground level and to be constructed from reinforced formed chromadek panels minimum 0,6mm thick chromadek. The contractor is responsible for ensuring that the project board remains neatly and safely erected for the full duration including maintenance period, after which the project board and post are to be dismantled and handed to the client in good order.</p> <p>F:..... V:..... T:.....</p>	Item			
<p>12.5.2 Branding of labour apparel Contractor & Sub-contractors' labourers shall be provided with EPWP branded Personal Protective Equipment (PPE), reflector vest with EPWP wording at the back is an ideal and cost effective means of promoting program on site.</p> <p>The contractor is then advised to price for both item 17.5.1 and 17.5.2</p> <p>F:..... V:..... T:.....</p>	Item			
<p>E12.6 COMMUNITY LIAISON OFFICER (CLO) UTILISATION OF A COMMUNITY LIAISON OFFICER In addition to the requirements of Clause E9, contained in this document; The Contractor shall allow for and pay any and all costs necessary for the engagement of the services of a Community Liaison Officer (CLO) for the full duration of this contract</p> <p>In the interest of providing a sound service to both the community and the Contractor, a CLO may only manage one project at a given time.</p>				

<p>A CLO will be identified by the local structures of the ward areas and appointed following fair and transparent interviewing process, to be conducted in the presence of local structures and the contractor representative, in order to assist the Contractor in the procurement of any local labour, etc. required for this project. The Contractor is to liaise with the CLO and afford him any assistance needed in ensuring sound working relations with the local community.</p> <p>Key Responsibilities of the CLO are envisaged to include and not necessary be limited to:</p> <ol style="list-style-type: none"> 1. Assisting local leadership in conducting skills and resources audit which facilitates sourcing labour from within the ward or targeted areas for employment, as required by contractor. 2. Assisting in sourcing labour-only domestic sub-contractors and the procurement of materials from local resources, as required by the contractor. 3. Assisting the contractor by identifying areas of potential conflict and or threats to the project or to stakeholders in the project and recommend appropriate action to the contractor. 4. Assisting contractor and stakeholders in the project in the resolution of any conflict which may arise. 5. Establishing and ensuring that sufficient and open communication channels between the contractor and the work force are maintained. 6. Establish and ensuring that efficient and open communication channels between the contractor and the community are maintained 7. Identifying and reporting to the Contractor regarding issues where communication between stakeholder is necessary, recommend courses of action and facilitate such communications 				
Carried forward to collection			R	

	UNIT	QUANTITY	RATE	AMOUNT
<p>8. Assisting the Contractor and the work force in the establishment of grievance procedures and necessary recommendation to the Contractor regarding the grievances and solution thereto.</p> <p>9. Attending to site meetings and project implementation meetings as required by the Contractor and prepare periodic reports as may be required by the Contractor from time to time.</p> <p>10. Attending to such other duties which are consistent with the functions of a CLO, as may be required by the Contractor from time to time.</p> <p>Tenderers are to price twice the rate of unskilled local labour rate against this item for any and all costs arising out of compliance with the foregoing and in the event of a Tenderer failing to price against this item or making inadequate financial provision against this item for compliance as aforesaid, then no claim for costs or additional cost incurred will be entertained by the Head: Works</p> <p>F:..... V:..... T:.....</p>	Item			
<p>E12.7 SKILLS DEVELOPMENT ON SITE</p> <p>Contractor in conforming to the object of EPWP that its beneficiaries need to be capacitated with skills that will render them employable in the future. It is then the responsibility of the Contractor that mandatory life skills are provided to 100% of workforce on site and on the job training to labourers from whom the potential for further development has been identified. The latter is not mandatory to all as it covers technical skills.</p> <p>Contractor should also make provision for the possibility that there might be local youth that will need to be placed on the project with an intention to be provided support towards improving their level of competency and productivity.</p> <p>Contractor shall also provide all necessary on-the-job training to targeted labour to enable such labour to master and advance on techniques required to undertake the work in accordance with requirements of the contract in a manner that does not compromise workers health and safety.</p> <p>F:..... V:..... T:.....</p>	Item			
<p>E12.8 LABOUR ONLY Sub Contracting for local emerging enterprises</p> <p>Tenderer's are advised that this contract is subject to the Expanded Public Works Programme (EPWP) and the following criteria will apply:</p> <p><u>African Equity Ownership</u></p> <p>a) The Tenderer is to allow for 5% of the total value of works to be undertaken by a Priority Population Group. This percentage excludes the costs of employing local unskilled labour. The allocation of this percentage from the Project, the screening of people, the selection of skills, will be for the Contractor to adjudicate.</p> <p>b) The Priority Population Group consists of women, youth and disabled people.</p> <p>c) The Contractor is to give first option for prospective PPG's from the surrounding areas of the Project. Should there be insufficient suitable people fitting the criteria of PPG's, the Contractor may hire people from further afield. This is to be done only after consultation with the Department of Works EPWP Co-ordinator and the Community Liaison Officer (CLO).</p> <p>d) A Mentor is to be employed by the Contractor, in consultation with the Department of Works for the purposes of quality control and liaison between the Contractor and the selected PPG's on site. The mentor will be responsible for ensuring an acceptable level of quality workmanship and that such work carried out by the PPG's is executed within the time frames stipulated.</p> <p>In so far as possible, the Contractor is encouraged to expand the PPG's skills, knowledge and performance levels.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection			R	

	UNIT	QUANTITY	RATE	AMOUNT
<p>TENDERER'S TO NOTE CONDITIONS</p> <p>a) The contract to be entered into between the Contractor and the PPG's will be a LABOUR ONLY sub-contract.</p> <p>b) The Contractor will be responsible for ensuring that all materials for use by the PPG's in the works are to be on site timeously. The Contractor shall liaise with The Mentor and PPG to determine the nature and extent of materials required and the lead time necessary.</p> <p>c) The Contractor shall be responsible for the overall programming of the Works and he is to allow for monitoring the PPG's programme and progress.</p> <p>d) In conjunction with the Mentor, he is to allow for the supervision and mentoring (where necessary) of the PPG to ensure quality and adherence to standard building practice</p> <p>e) The Contractor is to allow for extra storage facilities on site for the PPG's tools and equipment.</p> <p>f) Basic tools shall be provided by the PPG's and where these are not available; the Contractor will supply him with the necessary tools and equipment and deduct the costs thereof from the interim claims made by the PPG.</p> <p>g) Work requiring specialized tools will be provided free of charge by the Contractor with the provision that these be returned upon completion of the Work.</p> <p>CO-ORDINATION</p> <p>The Contractor is to co-ordinate the work of all the PPG's, Sub-Contractors and Nominated Sub- Contractors appointed direct by the Employer in such a manner and at all times as will suit the building programme and he is to allow adequate access, for the PPG's, where required, to carry out their work in an efficient manner as no claims for extras in this connection will be entertained.</p> <p>F:..... V:..... T:.....</p> <p>ATTENDANCE</p> <p>The Contractor may allow for attendance upon the PPG's concerned to execute the work. The Contractor is to allow the PPG's the use of any scaffolding belonging to him while it remains so erected on the site.</p> <p>Where scaffolding is necessary for the use by any PPG and the Contractor has not erected any for his own use or has removed same after his own use, the Contractor shall supply sufficient scaffolding to the PPG to be erected and dismantled by the PPG and returned to the Contractor.</p> <p>This attendance upon PPG's to execute the work is to include for the scaffolding provisions as aforesaid and, in addition, is to include for co-operating to the fullest extent with all the parties, attending on off-loading materials, providing suitable storage for tools and materials used by the PPG's, use of general facilities such as latrines, etc., supply and cost of power, lighting, water and the like.</p> <p>F:..... V:..... T:.....</p> <p>E12.9 EPWP CONTRACT FOR LABOUR</p> <p>It is compulsory that shortly after the contractor and or sub contractor has appointed local labour, the employment contract should be signed by both parties, prior to commencement with works on site. The employment contract forms part of the Ministerial Determination or from the regional EPWP officials. Each contract will lapse at the end of each financial year therefore requiring the Contractor to do a renewal of each contract should the need of employment still exist for that particular labourer.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection			R	

	UNIT	QUANTITY	RATE	AMOUNT
<p>E12.10 EPWP SCOPE of WORK</p> <p>Note: Contractors are to price any item on the Bill of Quantities having below, bearing in mind that they are regarded as main sources of job creation, whether sub contracted or undertaken by the main contractor.</p> <p>Elements on the scope of work where application of Labour Intensive Construction methods as will indicated with letters (LI) are regarded feasible are as follows;</p> <p>i) Excavating trenches for foundations and any other civil works with the depth not more than 1.5 m</p> <p>ii) All masonry works which include concrete mixing on site; brickwork; plastering; screed works; jointing; etc.</p> <p>iii) Painting, Plumbing, Ironmongery; roof cladding; glazing; tiling; carpentry; flooring; waterproofing; etc.</p> <p>F:..... V:..... T:.....</p> <p>Note: It is a general requirement of this contract that persons normally resident in the ward of the works (local labour) be given preference for employment on the contract. Provided, however, that should adequate and appropriate labour not be available within the ward, others may be employed subject to satisfactory proof being provided that every reasonable endeavour has been made to employ local labour (Local Sub-contractor(s); Skilled; Semi-Skilled and Unskilled). The contractor shall in consultation with the local community leaders with the purpose of negotiating with them regarding the utilization of local resources in the construction process. In this regard, the contractor shall furthermore give preference, wherever possible to the employment of single heads of households, women and youth as well as families declared as most indigent by War on Poverty/ Sukuma Sakhe program profiling process. The contractor should aim, in general, to maximise the involvement of the local community, however workers from other communities should not exceed 20% of all persons working on the project, where local employees possess skills at level of competency that meet contractors requirements.</p> <p><u>Payment for the labour-intensive component of the works</u> Payment for works identified in the Scope of Work as being labour-intensive shall only be made in accordance with the provisions of the Contract if the works are constructed strictly in accordance with the provisions of the Scope of Work. Any non-payment for such works shall not relieve the Contractor in any way from his obligations either in contract or in delict.</p> <p><u>Linkage of payment for labour-intensive component of works to submission of project data</u> The Contractor's payment invoices shall be accompanied by labour information for the corresponding period in a format specified by the employer. If the contractor chooses to delay submitting payment invoices, labour returns shall still be submitted as per frequency and timeframe stipulated by the Employer. The contractor's invoices shall not be paid until all pending labour information has been submitted.</p> <p><u>Applicable labour laws</u> The current Ministerial Determination (also downloadable at www.epwp.gov.za) Expanded Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice , shall apply to works described in the scope of work as being labour-intensive and which are undertaken by unskilled or semi-skilled workers.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
E13	<p>HIV/AIDS AWARENESS Tenderers are to price against the following items for compliance with the SPECIFICATION FOR HIV/AIDS AWARENESS bound into this document (The clauses referred to are those of the Specification for HIV/AIDS)</p>				
E13.1	<p>Provide and maintain a condom dispenser in terms of Clause 5.1a) F:..... V:..... T:.....</p>	Item			
E13.2	<p>Provide and maintain HIV/AIDS awareness posters terms of Clause 5.1b) F:..... V:..... T:.....</p>	Item			
E13.3	<p>HIV /Aids Awareness Programme on Site for not less than 90% of workers inclusive of all direct and indirect costs; Engage a qualified service provider as described in the scope of works to conduct an HIV Awareness Programme in terms of Clause 5.2.1a) F:..... V:..... T:.....</p>	Item			
E13.4	<p>Arrange for workers to attend the HIV Awareness Programme in terms of Clause 5.2.1b) F:..... V:..... T:.....</p>	Item			
E13.5	<p>Reporting Prepare and attach to claims for payment a brief report in terms of Clause 5.3 (see also HIV/STI Compliance Report included with this document). F:..... V:..... T:..... <i>Note: In the event that the contractor fails to satisfy the requirements of this specification, the employer (Head: Public Works) may apply any of the sanctions provided for in the contract. Sanctions may include the application of a financial penalty of .04% of the Contract Sum per calendar day of which the required reports has not been submitted.</i></p>	Item			
E14	<p>OCCUPATIONAL HEALTH AND SAFETY ACT NO. 85 OF 1993 Tenderers are to allow for costs in providing a project specific ' Construction Phase Safety, Health and Environmental Plan' in accordance with "Section 2 - Specification Data associated with SANS 1921-1:2004" clause C4.18 in "Part C3 - Scope of Work" F:..... V:..... T:.....</p>	Item			
E15	<p>NOTICE BOARD, SITE OFFICE, ETC. Bidders are to allow for the provision and removal of a project notice board and a site office in accordance with the Principal Agent's requirements. F:..... V:..... T:.....</p>	Item			
E16	<p>IMPORTED MATERIALS AND EQUIPMENT Where imported items are listed in the tender documents, the tenderer shall provide all information called for, failing which the price of any such item, material or equipment shall be excluded from currency fluctuations. (Refer to T2.14 - Schedule of Imported Materials and Equipment . F:..... V:..... T:.....</p>	Item			
E17	<p>CONTRACT DOCUMENTS The drawings issues with these Bid documents do not comprise the complete set but serves as a guide only for Biding purposes and for indicating the scope of works to enable the Bidder to acquaint him with the nature and extent of the works and the manner in which they are to be executed. Should any part of the drawings not be clearly legible to the Bidder he shall, before submitting his Bid, obtain clarification in writing from the principal agent. F:..... V:..... T:.....</p>	Item			
Carried forward to collection					R

		UNIT	QUANTITY	RATE	AMOUNT
E18	<p>GENERAL PREAMBLES The Document Preambles will be the "ASAQS Model Preambles for Trades – 2008" and is obtainable from the various Regional Office's of the Department of Public Works and shall be read in conjunction with the Bills of Quantities and be referred to for the full descriptions of work to be done and materials to be used.</p> <p>F:..... V:..... T:.....</p>	Item			
E19	<p>TRADE NAMES Wherever a Trade Name for any product has been described in the Bills of Quantities the Bidder's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the Principal Agent being obtained prior to the closing date for submission of Bids.</p> <p>F:..... V:..... T:.....</p>	Item			
E20	<p>EXISTING PREMISES OCCUPIED Refer to Scope of Works Part C3 of this Bid Document for information on the occupation of existing buildings.</p> <p>F:..... V:..... T:.....</p>	Item			
E21	<p>INACCURATE AND DEFECTIVE WORK EXECUTED UNDER PREVIOUS CONTRACT The contractor shall, after taking possession of the site and before commencing the work, check all levels, liners, profiles and the like and satisfy himself as to the dimensional accuracy of all work executed under the previous contract which may affect his work.</p> <p>Should any inaccurate or defective work be found, the contractor shall immediately notify the principal agent in writing requesting his instructions with regard thereto and afford every facility to those rectifying such inaccurate or defective work.</p> <p>F:..... V:..... T:.....</p>	Item			
E22	<p>VIEWING THE SITE IN SECURITY AREAS If the site is situated in a security area and the Bidder must arrange with the Authorities to obtain permission to enter the site for Bidding purposes.</p> <p>F:..... V:..... T:.....</p>	Item			
E23	<p>COMMENCEMENT OF WORKS IN SECURITY AREAS If the works falls within a security area, the contractor must arrange with the Authorities and give the necessary notices before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account.</p> <p>F:..... V:..... T:.....</p>	Item			
E24	<p>ENTRANCE PERMITS TO SECURITY AREAS If the works fall within a security area, the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under control of the Authority.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection					R

		UNIT	QUANTITY	RATE	AMOUNT
E25	<p>SECURITY CHECK OF PERSONNEL The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified.</p> <p>In the event of the principal agent requesting the removal of a person or persons from the works for security reasons, the contractor shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the works and the site and/or to any document or information relating to the works.</p> <p>F:..... V:..... T:.....</p>	Item			
E26	<p>PROHIBITION ON TAKING PHOTOGRAPHS In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking photographs, except when authorised thereto by or on behalf of the Minister.</p> <p>The same prohibition is also applicable to all Correctional Institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959.</p> <p>F:..... V:..... T:.....</p>	Item			
E27	<p>Management of Water</p> <p>Water for Construction purposes must be obtained from alternative water sources (i.e. supply other than water that is produced and distributed by a regulated water service authority from a licenced water treatment works for human consumption), eg dams, rivers, boreholes, springs, rainwater harvesting, recycled sewerage water, etc. The alternative water source shall not be of an inferior quality / standard than that required for construction purposes. The client reserves the right through his agents to test such supplies or request certificates confirming the grade and nature of the water supply. Relevant knowledge of the respective area will be an advantage.</p>				
	Carried forward to collection			R	

SECTION 1

SUMMARY – PRELIMINARY & GENERAL

Collection	Page No.	Amount	
	1	R	
	2	R	
	3	R	
	4	R	
	5	R	
	6	R	
	7	R	
	8	R	
	9	R	
	10	R	
	11	R	
	12	R	
	13	R	
	14	R	
	15	R	
	16	R	
Carried forward to Final Summary		R	

Section No. 1
 Preliminary & General
 Summary



public works

Department:
Public Works
PROVINCE OF KWAZULU-NATAL

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS
IN THE AMAJUBA HEALTH DISTRICT.**

PART C2.3 BILL OF QUANTITIES

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE
 AMAJUBA HEALTH DISTRICT.**

**BILL NO. 2
 C2.3 BILLS OF QUANTITIES**

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	NOTE:				
	The Quantities measured in the Bill are PROVISIONAL and are subject to remeasurement at completion of the works.				
	Tenderers are to familiarise themselves thoroughly with the Specification No deviations from the specification will be allowed.				
1	GENERATORS				
	SUPPLY ONLY (Installation rates measured elsewhere)				
1,1	150kVA, 400V, 3 Ph Canopy Type Generator, as specified (Complete with 72hr Self Bunded Fuel Tank, plus all other requirements as per DOH specification)	No.	1		
1.1.1	Extra over for soundproofing of Canopy in 1.1 above	No.	1		
1,2	100kVA, 400V, 3 Ph Canopy Type Generator, as specified (Complete with 72hr Self Bunded Fuel Tank, plus all other requirements as per DOH specification)	No.	3		
1.2.1	Extra over for soundproofing of Canopy in 1.2 above	No.	1		
1,3	60kVA, 400V, 3 Ph Canopy Type Generator, as specified (Complete with 72hr Self Bunded Fuel Tank, plus all other requirements as per DOH specification)	No.	12		
1.3.1	Extra over for soundproofing of Canopy in 1.3 above	No.	3		
1,4	Supply, install and commission DSE WebNet DSE890 Gateway complete with 1 x GPS antenna and 1 x GSM Antenna installed in sets above.	No.	16		
1.4.1	Data SIM card loaded with adequate data for reporting module in 1.4 above Data to be valid for the entire duration of the one year warranty period of 12 months	No.	16		
2	ELECTRICAL				
	CABLES, CABLE TERMINATIONS AND CABLE JOINTS				
2,1	<u>CABLE- In Trench</u> Supply and Install:				
2.1.1	95mm ² x 4 core PVC.SWA.ECC.PVC cable	m	10		
2.1.2	70mm ² x 4 core PVC.SWA.ECC.PVC cable	m	90		
2.1.3	50mm ² x 4 core PVC.SWA.ECC.PVC cable	m	60		
2.1.4	25mm ² x 4 core PVC.SWA.ECC.PVC cable	m	10		
2.1.5	16mm ² x 4 core PVC.SWA.ECC.PVC cable	m	360		
2.1.6	Cable marker tape installed 200mm above cable depth.	m	550		
	SUBTOTAL CARRIED FORWARD				

	SUBTOTAL BROUGHT FORWARD				
2.2	CABLE TERMINATIONS Supply and Install:				
2.2.1	95mm ² x 4 core PVC.SWA.ECC.PVC cable	No.	1		
2.2.2	70mm ² x 4 core PVC.SWA.ECC.PVC cable	No.	9		
2.2.3	50mm ² x 4 core PVC.SWA.ECC.PVC cable	No.	6		
2.2.4	25mm ² x 4 core PVC.SWA.ECC.PVC cable	No.	1		
2.2.5	16mm ² x 4 core PVC.SWA.ECC.PVC cable	No.	36		
2.3	CABLE JOINTS Supply and Install:				
2.3.1	95mm ² x 4 core PVC.SWA.ECC.PVC cable	No.	1		
2.3.2	70mm ² x 4 core PVC.SWA.ECC.PVC cable	No.	3		
2.3.3	50mm ² x 4 core PVC.SWA.ECC.PVC cable	No.	2		
2.3.4	25mm ² x 4 core PVC.SWA.ECC.PVC cable	No.	1		
2.3.5	16mm ² x 4 core PVC.SWA.ECC.PVC cable	No.	12		
2.4	KIOSKS Supply and Install:				
2.4.1	Fibreglass Kiosk, complete with Plinth and fitted with 1 x 200A 3P isolator 1 x 200A 3P Circuit Breaker	No.	1		
2.4.2	Fibreglass Kiosk, complete with Plinth and fitted with 1 x 150A 3P isolator 1 x 150A 3P Circuit Breaker	No.	3		
2.4.3	Fibreglass Kiosk, complete with Plinth and fitted with 1 x 80A 3P isolator 1 x 80A 3P Circuit Breaker	No.	12		
2.4	ELECTRICAL SITE WORKS				
	Excavation				
2.4.1	In Hard Rock	m ³	1		
2.4.2	In Soft Rock	m ³	19		
2.4.3	In Earth	m ³	180		
	Trench Bedding				
2.4.4	Provide Trench Bedding and suitable compaction	m ³	20		
	Backfilling/Compaction				
2.4.5	Backfill and compact soil in trench as specified	m ³	200		
	Sleeving				
2.4.6	Supply and Install HDPE, 110mm diameter sleeve in trench, incl couplings	m	30		
	Reinstate Surface				
2.4.7	Make good tar surface to match existing	m ²	50		
2.4.8	Make good paved surface to match existing	m ²	50		
	SUBTOTAL CARRIED FORWARD				

	SUBTOTAL BROUGHT FORWARD				
3	SITE SPECIFIC WORKS (See Part 2 Particular Specification for GPS Coordinates) COMPLETE INSTALLATION OF CANOPY TYPE STANDBY GENERATOR				
3,1	Charlestown Clinic				
3.1.1	Transport to Site, 150kVA Generator measured in 1.1 above	item	1		
3.1.2	Install 150kVA Generator measured in 1.1 above	item	1		
3.1.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.1.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.1.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.1.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.1.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,2	Durnacol Clinic				
3.2.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
3.2.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.2.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.2.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.2.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.2.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.2.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,3	Emfundweni Clinic				
3.3.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
3.3.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.3.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.3.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.3.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.3.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.3.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,4	Greenock Clinic				
3.4.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
	SUBTOTAL CARRIED FORWARD				

	SUBTOTAL BROUGHT FORWARD				
3.4.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.4.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.4.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.4.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.4.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.4.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,5	Groenvlei Clinic				
3.5.1	Transport to Site, 100kVA Generator measured in 1.2 above	item	1		
3.5.2	Install 100kVA Generator measured in 1.2 above	item	1		
3.5.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.5.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.5.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.5.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.5.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,6	Ingogo Clinic				
3.6.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
3.6.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.6.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.6.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.6.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.6.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.6.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,7	Ladybank Clinic				
3.7.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
3.7.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.7.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.7.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.7.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
	SUBTOTAL CARRIED FORWARD				

	SUBTOTAL BROUGHT FORWARD				
3.7.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.7.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,8	Madadeni Clinic				
3.8.1	Transport to Site, 100kVA Generator measured in 1.2 above	item	1		
3.8.2	Install 100kVA Generator measured in 1.2 above	item	1		
3.8.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.8.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.8.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.8.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.8.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,9	Mndoza Clinic				
3.9.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
3.9.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.9.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.9.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.9.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.9.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.9.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3.10	Newcastle Clinic				
3.10.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
3.10.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.10.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.10.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.10.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.10.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.10.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,11	Osisweni Clinic 1				
3.11.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
	SUBTOTAL CARRIED FORWARD				

	SUBTOTAL BROUGHT FORWARD				
3.11.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.11.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.11.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.11.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.11.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.11.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,12	Osisweni Clinic 3				
3.12.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
3.12.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.12.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.12.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.12.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.12.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.12.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,13	Stafford Clinic				
3.13.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
3.13.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.13.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.13.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.13.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.13.6	Test, commission and provide Certificates of Compliance for the installation	item	1		
3.13.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,14	Sukumani Clinic				
3.14.1	Transport to Site, 100kVA Generator measured in 1.2 above	item	1		
3.14.2	Install 100kVA Generator measured in 1.2 above	item	1		
3.14.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.14.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.14.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
	SUBTOTAL CARRIED FORWARD				

	SUBTOTAL BROUGHT FORWARD				
3.14.6	Test, commision and provide Certificates of Compliance for the installation	item	1		
3.14.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3,15	Thembalihle Clinic				
3.15.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
3.15.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.15.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.15.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.15.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.15.6	Test, commision and provide Certificates of Compliance for the installation	item	1		
3.15.7	Sevicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
3.16	Verdriet Clinic				
3.16.1	Transport to Site, 60kVA Generator measured in 1.3 above	item	1		
3.16.2	Install 60kVA Generator measured in 1.3 above	item	1		
3.16.3	Supply and install suitable concrete plinth for Generator (include for all excavation compaction etc.)	item	1		
3.16.4	Provide initial Design Report by Professional Service Provider, as specified	item	1		
3.16.5	Provide Completion Report by Professional Service Provider, as specified	item	1		
3.16.6	Test, commision and provide Certificates of Compliance for the installation	item	1		
3.17.7	Servicing during 12 month guarantee period (2 services at 6 month intervals)	No.	2		
4	<u>GENERAL</u>				
4,1	Supply and deliver first fill 500ppm Diesel to all generators above	litre	22 500		
4,2	Supply and install HA1 Locks to Canopy Set (If integral to canopy, lock barrels to be fitted to locks)	No.	80		
4,3	Supply HA1 Keys	No.	32		
4,4	Supply O&M manuals, (3 sets per generator installation)	No.	48		
4,5	Supply Hand Diesel Pumps- (See specification)	No.	16		
5	SUB TOTAL CARRIED FORWARD TO SUMMARY PAGE				

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
SUMMARY PAGE		
BILLS OF QUANTITIES		
ITEM	DESCRIPTION	BROUGHT FORWARD- AMOUNT
C2.2	Preliminaries for GCC for Construction Works- 2nd Edition 2010	R
C2.3	BILLS OF QUANTITIES	R
C2.3.1	SUBTOTAL	R
C2.3.2	ADD VAT @ 15%	R
C2.3.4	TOTAL CARRIED FORWARD TO T2.21 FORM AND OFFER OF ACCEPTANCE	R

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS
IN THE AMAJUBA HEALTH DISTRICT.**

PART C3. SCOPE OF WORKS

C3.1 SCOPE OF WORKS
GCC FOR CONSTRUCTION WORKS (Edition 2 of 2010)

Scope of Works complied in accordance with SANS 10403 where reference is made to this part of SANS 1921-1:2004

Project title: SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.

Bid no: ZNB 9707/2019-H **Project Code:** 0

SECTION 1

1 EXTENT OF THE WORKS

1.1 EMPLOYERS OBJECTIVES

To improve reliability of power supply at various clinics by installing new standby diesel power generators

1.2 OVERVIEW OF THE WORKS

Supply, Deliver to site, Install and Commission Generators in various clinics, including all necessary electrical works

1.3 EXTENT OF THE WORKS

Please refer to Annexure "A" Part 1, 2 and 3 for Full Extent and Specifications of the works

1.4 LOCATION OF THE WORKS

Various institutions in the Amajuba Health District as per Annexure "A"

1.5 TEMPORARY WORKS

Not Applicable

2 ENGINEERING

2.1 EMPLOYER'S DESIGN

Not Applicable

2.2 DESIGN BRIEF

Not Applicable

2.3 DRAWINGS

Not Applicable

2.4 DESIGN PROCEDURES

Not applicable

3

PROCUREMENT

3.1 PREFERENTIAL PROCUREMENT PROCEDURES

This bid will be subject to the implementation of the Preferential Procurement Regulations, 2017 pertaining to the Preferential Procurement Policy Framework Act, Act Number 5 of 2000 and the relevant Supply Chain Management Legislation and the KwaZulu-Natal Supply Chain Management Policy Framework published by the KwaZulu-Natal Provincial Treasury. Bidders are referred to www.kzntreasury.gov.za for access to the relevant documents.

Bidders are advised to familiarize themselves with the contents of the KwaZulu-Natal Supply Chain Management Policy Framework regarding Preference Point Systems, evaluation of bids appeals and other matters.

3.2 RESOURCE STANDARD PERTAINING TO TARGETED PROCUREMENT

NOTE : This project will be adjudicated as not exceeding R 50,000 000,00

3.3 SCOPE OF MANDATORY SUBCONTRACT WORK

DIESEL FUEL REMEDIATION INCLUDING THE CLEANING OF DIESEL FUEL TANKS BY A SPECIALIST SUB-CONTRACTOR

3.4 PREFERRED SUBCONTRACTORS/SUPPLIERS

Not applicable

3.5 SUBCONTRACTING PROCEDURES

Not applicable

4

CONSTRUCTION

4.1 APPLICABLE SANS 2001 STANDARDS FOR CONSTRUCTION WORKS

Wherever the words "shall be deemed to be included in the description", "shall be stated" or other words having the same effect, appear in the Standard System, it shall be deemed that all descriptions in these Bills of Quantities/Lump Sum documents incorporated such inclusions and statements whether specifically stated or not.

The Contractor is hereby informed that where SABS/SANS Specifications are referred to in these Bills of Quantities/Lump Sums documents and Specifications thereto, then ONLY the Specification of Work Clauses will apply. The method of measurement and payment clauses will NOT apply to this Contract.

The Contractor is hereby informed that risk of collapse and keeping excavations free from water (excluding subterranean water) generally are deemed to be included in the descriptions unless accommodated in the system of measurement. Please refer to the Geotechnical Investigation report when included at the end of these bid documents.

Whenever reference is made to "Sub-Contractor", "Nominated Sub-Contractor" or the like in the specifications included or referred to in these Bills of Quantities/Lump Sums documents, it shall be deemed to mean "Contractor" as defined.

4.2	<p>APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS</p> <p>See above 4.1</p>				
4.3	<p>PARTICULAR / GENERIC SPECIFICATIONS</p> <p>The Contractor is referred to the following documents whether attached to this document or not:</p> <table border="0"> <thead> <tr> <th data-bbox="197 371 387 398"><u>SPECIFICATION</u></th> <th data-bbox="1018 371 1107 398"><u>PAGES</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="197 405 879 499">Specification for HIV/AIDS Awareness (CIDB) Specific Construction, Safety, Health and Environmental Plan Standard Preambles for all Trades (Rev 3) - DOH 2009</td> <td data-bbox="1018 398 1182 495">HIV1 TO HIV3 1 to 95</td> </tr> </tbody> </table>	<u>SPECIFICATION</u>	<u>PAGES</u>	Specification for HIV/AIDS Awareness (CIDB) Specific Construction, Safety, Health and Environmental Plan Standard Preambles for all Trades (Rev 3) - DOH 2009	HIV1 TO HIV3 1 to 95
<u>SPECIFICATION</u>	<u>PAGES</u>				
Specification for HIV/AIDS Awareness (CIDB) Specific Construction, Safety, Health and Environmental Plan Standard Preambles for all Trades (Rev 3) - DOH 2009	HIV1 TO HIV3 1 to 95				
4.4	<p>CERTIFICATION BY RECOGNIZED BODIES</p> <p>Only contractors registered with the Electrical Contracting Board of South Africa in accordance with the Regulations of the Occupational Health and Safety Act will be accepted and permitted to do work under this contract.</p>				
4.5	<p>AGRÉMENT CERTIFICATES</p> <p>Not applicable</p>				
4.6	<p>PLANT AND MATERIAL PROVIDED BY THE EMPLOYER</p> <p>Not applicable</p>				
4.7	<p>SERVICES AND FACILITIES PROVIDED BY THE EMPLOYER</p> <p>Not applicable</p>				
4.8	<p>OTHER SERVICES AND FACILITIES</p> <p>The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Administration.</p> <p>The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed.</p> <p>The Contractor is advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.</p>				
5	<p><u>MANAGEMENT</u></p>				
5.1	<p>APPLICABLE SANS 1921 STANDARDS</p> <p>Bidders are referred to SECTION 2 : SPECIFICATION DATA ASSOCIATED WITH SANS 1342, SANS 10089 & SANS 10131.</p>				
5.2	<p>RECORDING OF WEATHER</p> <p>The Contractor shall keep record of abnormal climatic conditions to facilitate the adjudication of claims for extension of the contract period.</p>				

The Contractor shall allow in his programme for the following number of days for rain days (rain > 10mm per day) as per the table below:

CURRENT YEAR			YEAR + 1	YEAR + 2
January	w/days		0	0
February	w/days		0	0
March	w/days		0	0
April	w/days		0	0
May	w/days		0	0
June	w/days		0	0
July	w/days		0	
August	w/days		0	
September	w/days		0	
October	w/days		0	
November	w/days		0	
December	w/days	0	0	

5.3 MANAGEMENT MEETINGS

Not applicable

5.4 FORMS FOR CONTRACT ADMINISTRATION

The Employer shall provide all necessary forms.

5.5 ELECTRONIC PAYMENTS

The Contractor shall provide all required information to the Employer to facilitate electronic payments upon request.

5.6 DAILY RECORDS

The Contractor shall keep daily records of people and equipment employed as well as a site diary in respect of work performed on the site.

At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all Sub-Contractors on the works each day.

At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.

5.7 BONDS AND GUARANTEES

The Contractor shall within 10 calendar days after receiving notice from the Engineer and prior to receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the Contract Data.

5.8 PAYMENT CERTIFICATES

Requirements will be in accordance with the Employers prescriptions.

5.9	<p>PERMITS</p> <p>The Contractor is advised that, in the case of an existing building or institution, all security measures in force will remain in operation and he must acquaint himself and his Employees with them as he and his Employees will at all times be subject to these measures.</p> <p>The Contractor will on no account extend his operations beyond the confines of the building site as indicated by the Employer and must ensure that all his Employees are made aware of these limits. Any Employee disregarding this instruction and found outside the limit of the building site without authority, shall be redeployed immediately and shall not again be employed on this Contract.</p> <p>The Contractor will be responsible for ensuring that this instruction is strictly enforced and must provide and remove upon completion or when directed, such other necessary temporary barriers, fences, etc., as may be required and is to allow opposite this item for any charges he may wish to make in this connection.</p> <p>The Employer will accept no responsibility whatsoever for damage to or the loss of plant, materials, etc., from the site.</p>
5.10	<p>PROOF OF COMPLIANCE WITH THE LAW</p> <p>The following certificates must be provided before first delivery is taken:</p> <ul style="list-style-type: none"> - HIV/STI Report (Bound into this document) - Electrical Compliance Certificate if applicable - Electrical and Mechanical test certificates if applicable - Registration with the Institute of Waste Management of Southern Africa (IWMSA) - Disposal Certificate by an accredited Toxic Waste Disposal Company - Independent laboratory test results of remdiated deisel fuel
5.11	<p>INSURANCE PROVIDED BY THE EMPLOYER</p> <p>Not Applicable</p>
<p>Clause Numbers</p> <p>4.1.7</p> <p>4.2.1</p> <p>4.2.2</p> <p>4.2.3</p> <p>4.3</p>	<p><u>SECTION 2</u></p> <p><u>SPECIFICATION DATA ASSOCIATED WITH SANS 1921-2004</u></p> <p>The requirements for drawings, information and calculations for which the Contractor is responsible are:</p> <p>Not Applicable</p> <hr/> <p>The responsibility strategy assigned to the Contractor for the works is:</p> <p>Not Applicable</p> <hr/> <p>The structural engineer is:</p> <p>Not Applicable</p> <hr/> <p>Drawings & other info are to be submitted in accordance with the contractors programme</p> <p>Not Applicable</p> <hr/> <p>The planning, programme and method statement are to comply with the following:</p> <p>N/A</p>

4.12.1	Samples of materials The work is to be executed with materials of the best specified and in the most substantial and workmanlike manner under the inspection of the Employer and to his satisfaction. The Contractor shall furnish, without delay, such samples as called for or may be called for by the Employer, who may reject all materials or workmanship not corresponding with the approved sample. The samples of materials, workmanship and finishes that the Contractor is to provide and deliver to the employer are: 0
4.12.2	Fabrication drawings that the contractor is to provide to the employer are: None
4.12.3	Office accommodation, equipment, accommodation for site meetings and other facilities for use by the employer and his agents are: OFFICE FOR FOREMAN Not Applicable TELEPHONE Not Applicable OFFICE FOR INSPECTOR OF WORKS Not Applicable TELEPHONE IN OFFICE FOR INSPECTOR OF WORKS Not Applicable

	SHED
	Not Applicable
4.14.6	The requirement for provision and erection of signboards are:
	Not Applicable
4.17.1	Requirement for the termination, diversion or maintenance of existing services:
	Not Applicable
4.17.3	Services which are known to exist on the site:
	Not Applicable
4.17.4	Requirement for detection apparatus
	None
4.18	<p>ADDITIONAL HEALTH AND SAFETY REQUIREMENTS ARE:</p> <p>By the submission of a bid, any Bidder will, if awarded the contract to which this bid document relates, be deemed to be the mandatory as envisaged by Section 37 (2) of the Act. As a mandatory the successful Bidder will be deemed to be the "principal contractor" and an employer in his/her/their own right with duties as prescribed in the Act and accordingly will be deemed to have agreed to be solely responsible for ensuring that in connection with the service to which this bid document relates, all work will be performed and machinery and plant used in accordance with the Act. Should the Contractor, for whatever reason be unable to perform as required by the Act, the Contractor undertakes to inform the Employer accordingly.</p> <p>Bidders are advised that it is a Condition of this Bid that a 'Construction Phase Safety, Health and Environmental Plan' specifically relates to the project for which bids are being submitted and must be prepared by the Bidder and submitted with the other bid documents at the time of bid. Failure to do so will invalidate the bid.</p> <p>Bidders are therefore advised to study the 'Construction Safety, Health and Environmental Specification' which is issued as part of this bid document, the Model Preambles to Trades - 2008, any project Specification included in this bid document and any and all drawings which are referred to and issued as part of this bid document before preparing their own project specific 'Construction Phase Safety, Health and Environmental Plan'. Bidders are also advised that such a plan which is submitted with a bid but is incomplete or considered inadequate by the Employer or his Representative will invalidate the bid.</p> <p>The Contractor will be deemed to have satisfied himself with his obligations in terms of the Act and to have allowed for all costs arising from compliance with the Act as no claim for extra costs arising from compliance with, and obligations in terms of the Act will be entertained.</p>
4.22	<p>WORK BY NOMINATED AND SELECTED SUBCONTRACTORS COMPRISE:</p> <p>[Provide list of applicable contractors]</p>

C3.2 - SPECIFICATION FOR HIV/AIDS AWARENESS

1 Scope

This generic specification contains requirements applicable to the reduction of the risk of transfer of the HIV virus between and among construction workers and the local community through the following four strategies:

- a) raising awareness about HIV/AIDS;
- b) providing construction workers with access to condoms;
- c) HIV counselling, testing and referral services; and
- d) Sexually Transmitted Infection diagnosis and treatment.

2 Normative references:

The following standard contains provisions that, through reference in this text, constitute provisions of this standard:

SANS 4074 ISO 4074, *Condom Rubbers*

3 Definitions and Abbreviations

3.1 Definitions

Construction Worker: all persons in the employ of the contractor or in the employ of any of the subcontractors contracted by the contractor.

Local Community: the communities local to the site which are most likely to have contact with the construction worker and, in particular, sex workers in those communities.

Service provider: the natural or juristic person recognised by the South African Department of Health as specialist in conducting Aids Awareness Programmes.

3.2 Abbreviations

STI: Sexually transmitted infection

HIV: Human Immunodeficiency Virus

AIDS: Acquired Immune Deficiency Syndrome

4 Objectives

The objectives are to:

- a) reduce the risk of transfer of the HIV virus between and among construction workers and the local community;
- b) raise awareness amongst construction workers and the local community of the risk of infection with the HIV virus;
- c) promote early diagnosis; and
- d) assist affected individuals to access care and counselling.

5 Requirements

5.1 General requirement

The contractor shall, in order to satisfy the objectives stated in 4:

- a) make condoms complying with the requirements of SABS ISO 4074 available to all construction workers at readily accessible points on the site, suitably protected from the elements, for the duration of the contract;
- b) either place and maintain HIV/AIDS awareness posters of size of not less than A1 in areas which are highly trafficked by construction workers, or provide construction workers with a pamphlet, in languages largely understood by construction workers, which
- c) encourage voluntary HIV/STI testing;
- d) provide information concerning counselling, support and care of those that are infected services; and
- e) comply with the requirements of 5.2.

The provisions of 5.1 c) and d) do not apply to this contract.

5.2 HIV awareness programme

5.2.1 The contractor shall:

- a) engage a qualified service provider as described in the scope of works to conduct an HIV Awareness Programme which is structured to achieve the outcomes stated in 5.2.3 for contract workers as soon as a construction workers camp is established and populated or, where no such camp is established, within two weeks of the commencement of a significant portion of the works and at subsequent intervals, if any, provided for in the scope of works; and
- b) arrange for, provide a suitable venue, and instruct all construction workers to attend the HIV Awareness Programme and notify the Employer's Representative of the date, time and venue whenever a session with construction workers is conducted.

Note: The National Department of Public Works maintains a list of qualified service providers.

5.2.2 The contractor shall do nothing to dissuade construction workers from attending such an HIV Awareness Programme and shall take all reasonable steps to ensure that a minimum of 90% of construction workers engaged in the works attend such a programme, when it is conducted.

5.2.3 The outcomes of the HIV Awareness Programme shall as a minimum, result in contract workers exposed to such a programme being able to:

- a) communicate the existence of problems of HIV and be able to outline the consequences of transmission of HIV to or from the local community;
- b) recall and communicate the mode of HIV transmission and preventative measures including the proper use of the condom.

The HIV/ Aids awareness programme described in 5.2 is to be repeated at four month intervals throughout the duration of the contract. (Four times in total, including the initial one at the start of the contract)

5.3 Reporting

- 5.3.1** The contractor shall prepare and attach to his claims for payment a brief report which outlines how the actions taken by the contractor in the period for which payment is claimed satisfy the requirements and a schedule which lists the names, identity numbers, trade / occupation and name of employer of all construction workers exposed to the programme (see **HIV/STI Compliance Report**).
- 5.3.2** The employer's representative shall certify the report and schedule described in 5.3.1 whenever a claim for payment is issued to the employer.

Note: In the event that the contractor fails to satisfy the requirements of this specification, the employer (Head: Public Works) may apply any of the sanctions provided for in the contract. Sanctions may include the application of a financial penalty of .04% of the Contract Sum.

The *HIV /Aids awareness programme described in 5.2 shall in addition be conducted for the benefit of the local community on two occasions in the community centre nearest to the building site. The contractor shall be responsible for inviting identifiable community-based institutions and organisations, churches, and schools to participate in the programme.*

C3.3 - HIV/STI COMPLIANCE REPORT

Pro-forma reporting format in terms of the SPECIFICATION FOR HIV/AIDS AWARENESS

Project Code:

0

Payment Claim number:

Period covered by payment claim:

--

<p>1. Distribution of condoms (briefly describe where and how condoms are distributed).</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>2. Posters / pamphlets (briefly describe where posters were placed / how pamphlets were distributed).</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>3. Voluntary testing (briefly describe the actions taken / information provided to promote testing).</p>
<p>4. Counselling, support and care (summarise information provided).</p>
<p>5. HIV awareness programme (briefly describe action).</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>



public works

Department:
Public Works
PROVINCE OF KWAZULU-NATAL

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN
THE AMAJUBA HEALTH DISTRICT.**

PART C4. SITE INFORMATION

C4.1 SITE INFORMATION GCC FOR CONSTRUCTION WORKS (2 Edition of 2010)			
Project title:	SUPPLY, DELIVERY, INSTALLATION AND COMMISIONING OF GENERATORS IN 16 CLINICS IN THE AMAJUBA HEALTH DISTRICT.		
Bid No.	ZNB 9707/2019-H	Project Code:	
C4.1 Site Information			
C4.1	GENERAL		
	(a) Sites are as per Schedule Contained in Annexure "A" - Part 2, PARTICULAR SPECIFICATION		
	(b) Site Co-ordinates as well as Height A.S.L are as stated in Annexure "A" - Part 2- PARTICULAR SPECIFICATION		
C4.2	GEOTECHNICAL INVESTIGATION REPORT		
	(a) Not applicable		

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF GENERATORS IN 16 CLINICS IN
THE AMAJUBA HEALTH DISTRICT.**

ANNEXURE "A"

PART ONE: TECHNICAL SPECIFICATION

1. **GENERAL: CANOPY TYPE STANDBY GENERATOR**

The **Canopy Type** stand-alone standby generator set herein specified is to be installed at various clinics as per Part 2 Particular Specification hereunder. The ambient temperatures are 40°C maximum and 10°C minimum. See Part 2 for Altitude A.S.L

In order to best meet South Africa's employment targets, locally assembled generator sets will receive preference.

Due to the critical nature of this installation, ONLY genuine and accredited DIESEL GENERATOR SET MANUFACTURERS with Local 24 hour support and IN HOUSE maintenance facilities will be considered.

When pricing this document, allowance must be made for the installation to be carried out after hours and / or over a weekend at a time suitable to the KZN Department of Health's institution. Prior to any shutdown it should be agreed with the Health Institution whether any temporary standby plant is required. Apart from this, downtime must be kept to a minimum and once an installation starts, it must be completed and commissioned without any interruptions. The Tenderer must provide documented proof that they have the staff and capacity to carry out this type of installation.

2. **SCOPE OF CONTRACT**

The contract comprises the design, manufacture, assembly, delivery to site, off-loading at site, installation, testing, commissioning and handing over in first class working order of a complete Canopy type standby diesel generating set and all ancillary equipment necessary to comply with the requirements of this specification. The plant generally shall comprise a diesel engine coupled to an alternator mounted on a common base, a set of starting batteries, automatic charging unit, interconnecting cables, a control panel housing the generator M.C.C.B. and all necessary switchgear, including the change over equipment and on-load bypass switch, together with a fuel system, capable of running the set for 72 hours at full load. The set and bulk tank shall be positioned on a bunded slab if required and this construction work forms part of this project.

3. **CANOPY & PLANT LOCATION**

The set shall be a canopy type unit. The weather proof canopy shall be manufactured from galvanized sheet for inland locations and 3CR12 for coastal locations. It shall fit onto the sets base frame, making the entire unit self-contained. Lockable hinged doors (container type system with a robust locking facility required) shall allow access for maintenance purposes and louvres complete with vermin proofing shall be installed at both ends. The louvres shall be sized to suit the sets cooling and combustion air flow requirements. The canopy shall be painted with an etching primer, then finished with two coats of enamel paint.

The bunded slabs for both the generator set and bulk tank (where applicable and if required) forms part of this contract and drawings shall be provided to the engineer for approval, prior to construction taking place.

The standby diesel generating set shall to be located as indicated under Part Two Particular Specification which forms part of this document.

Tenderers are advised to acquaint themselves with the site conditions including access, as no claim on the grounds of want of knowledge will be entertained.

4. PLANT DUTIES

The diesel generating set and its ancillary equipment shall normally operate as an automatic mains failure unit. It shall be capable of delivering its full rated output at any time and any ambient conditions likely to occur at the site. The generating set will not be required to be synchronized with the main supply.

5. SYSTEM

The system to which the plant is to be connected is 3 phase, 4 wire, 400 volt between phases and 230 volt between phase and neutral, with a frequency of 50 Hz.

6. RATING

Note: The unit shall be capable of delivering the rated power as stated in the Detailed Specification (Part at 0.8 power factor.

The unit shall deliver 60% initial load + - 15 sec after start up and the balance of load 40% shall be delivered after a further 10 sec.

The rating of the diesel generating set shall be based on operation of the set when equipped with all necessary accessories such as radiator fan, air cleaners, lubricating oil pump, fuel transfer pump, fuel injection pump, water circulating pump, and battery charging alternator.

The generator set shall be capable of delivering the specified output continuously under the site conditions without overheating. The engine shall be capable of delivering an output of 110% of the specified output for one hour in any period of 12 hours consecutive running in accordance with BS5514.

7. DIESEL ENGINE

7.1. Type

The engine shall be of the multi cylinder, four stroke cycle, cold starting, direct injection, compression ignition type, suitable for operation on diesel fuel.

Only genuine engines with full local Original Equipment Manufacturer (O.E.M.) backup will be accepted. Grey products and "copies" will under no circumstances be accepted and will lead to the tender being rejected.

7.2. Cooling System

The engine shall be of the water cooled type and the cooling system shall be of sufficient capacity to cool the engine when the set is delivering its full rated load in the ambient conditions specified in Clause 1.

The engine shall be equipped with a heavy duty type radiator, complete with engine driven fan and centrifugal water circulating pump and a thermostat to maintain the engine at the makers recommended temperature level.

A thermostatically controlled immersion heater shall be provided and fitted in the engine cooling circuit to ensure easy starting of the engine at any ambient temperature.

The heater shall be so fitted that it can easily be withdrawn without having to drain the system. The heater shall be suitable for a 220 volt 50 Hz supply.

A low radiator level shutdown sensor switch shall be fitted in the radiator header tank. A separate temperature sensor must be fitted on the block for the normal high engine temperature shutdown and gauge.

The sight gauge shall be easily accessible for reading purposes and it shall be safe and easy to top up the coolant without having to climb inside or over the unit.

7.3. Speed

The engine speed shall not exceed 1500 R.P.M. at normal full load conditions.

7.4. Fuel

The engine shall be capable of satisfactory performance on a commercial grade of distilled petroleum fuel oil such as Number 2 fuel oil. (Commercial grade diesel fuel: 500ppm).

7.5. Rating

The engine shall be suitable for continuous running at the specified speed, delivering its rated output at the specified site conditions.

In addition the engine shall be capable of delivering 110 % load for one hour, after the set has been running at full load for a period of six hours and shall, after the overload period of one hour be capable of maintaining the rated output continuously without any undue mechanical strain, overheating, incomplete fuel combustion or other ill effects.

The engine shall have sufficient capacity to start up and shall within 15 seconds from mains failure, supply the full rated load at the specified voltages and frequency.

7.6. Governor

The engine shall be of the latest electronic type, or controlled by a governor to maintain governed speed for 50 Hz operation. Class A1 governing in accordance with B.S. 5514 as amended is required.

7.7. Fuel System

The complete system including bulk and base tank shall be sized to allow the set to run for 72 hours at full load.

An engraved label shall be installed in a conspicuous area on the generator control panel that indicates the following:

- **Base tank capacity.**
- **Bulk tank capacity.**
- **Full load litres per hour consumption.**

7.7.1 Base tank

Normally for generators rated up to and including 200 kVA:

The fuel tank shall be an integral part of the base frame of the generator set. The **base** tank shall have sufficient capacity to run the engine on full load for a minimum period of 72 hours.

Generators rated above 200 kVA:

Should this not be possible, a combination of a “base” “day” tank and “bulk” tank, will be required to meet the 72 hour (at full load) running time period.

The base tank shall be a closed channel self-bund walled type that shall be of sufficient capacity to contain any spillage, equivalent to 80% in volume of the base tank. A float level alarm connected to the generator controller shall be incorporated into the bund area located such that the alarm will be activated when 50% of the volume of the bund area has been reached in the event of any diesel fuel leakage.

The base tank shall be fitted with a suitable filter, breather pipe, visual gauge, removable inspection cover, drain, filler cap, low level and extra low shutdown alarm sensors. These shall supply an audible and visible signal on the control panel.

In addition, pump / solenoid valve start / stop sensors are required to control the automatic filling of the base tank from a remote free standing tank.

The set shall also be supplied with a hand operated “wing pump” and a suitable length of oil resistant hose, suitable for filling it from containers. The hose shall be of the “push lock” type and shall be sufficient in length to extend 5 meters outside of the canopy door.

The fuel tank shall be an integral part of the base frame of the generator set. The tank shall have sufficient capacity to run the engine on full load for a minimum period of 12 hours.

7.7.2 Bulk Tank (if the base tank cannot meet the required volume)

The bulk fuel tank shall consist of an ISO 9001 quality containerised double walled tank mounted on a steel reinforced concrete plinth of suitable MPa strength to carry the weight of a fully fuelled bulk tank and canopy type generator. The size and configuration of the bulk tank shall be matched to the size of generator to enable the generator to run continuously for a minimum period of 60 hours on full load.

In the event of the standard bulk tank size being in between the required volume, the next largest size must be supplied

The composite bulk tank together with all interconnecting supply and return pipes, low level alarm, visual fuel level indicators, lockable shut off valves, breather and an automatic filling system shall be provided. The bulk tank shall be positioned as shown on drawing No. _____

The automatic filling of the base tank, from the bulk tank, shall be controlled by level switches mounted in the base tank. These switches shall start and stop the electric self-priming pump, or solenoid valve system.

Manually operated filling of the base tank from the bulk tank shall be by way of a spring loaded push button switch that shall switch off the pump if the push button switch is released by the operator.

Drain plugs shall be constructed in such a manner that shall prevent the removal of such drain plug by conventional means i.e. shifting spanner, pliers etc.

The construction of the reinforced concrete plinth and other minor civil work

shall form part of this contract.

7.8. Lubricating

The engine shall be provided with a forced feed lubricating system with a gear type lubricated oil pump for supplying oil under pressure to the main bearings, crank pin bearings, pistons, piston pins, timing gears, camshaft bearings, valve rocker mechanism and all other moving parts.

Full flow replaceable element type oil filters, conveniently located for servicing, shall be provided. Filters shall be provided with a spring loaded by-pass valve to ensure circulation if the filters become clogged.

7.9. Cylinder Liners

The engine shall be provided with removable wet or dry type cylinder liners of close grained alloy iron.

7.10. Air Cleaners

The engine shall be provided with one or more dry type air cleaners which shall provide positive air filtration.

7.11. Exhaust System

The engine shall be fitted with an efficient 3CR12 exhaust system for inland areas (**>50 km's from the coast**) or Grade 304 stainless steel in coastal areas. Flexible bellows shall be fitted between the exhaust outlet and the silencer. The flexible piping must on no account be used to form a bend or compensate for misalignment. The silencer shall be located within, or on top of the canopy. The silencer shall be of the highly efficient type suitable for use in residential areas and shall be capable of providing 20 to 30 decibels of suppression.

The silencer and discharge piping shall be suitably supported.

The exhaust pipe inside the canopy shall be suitably lagged then clad in galvanized or polished stainless steel sheet.

The end of the exhaust shall be cut to a 45 degree angle, in order to prevent rain ingress and mesh shall be welded into the end to prevent birds or rodents from entering the pipe.

7.12. Flywheel

The flywheel shall be designed to limit the cyclic irregularities to within the limits laid down in B.S. 5514 as amended.

7.13. Engine Starting

The engine shall be equipped with a 12/24 volt starting system of sufficient capacity to crank the engine at a speed, which will allow starting of the engine.

The starting equipment shall include a 12/24 volt D.C. starter motor engaging directly on the flywheel ring gear. A heavy duty battery charging alternator and maintenance free batteries of the Delco/Deltec type shall be supplied. The batteries shall be mounted in a lockable battery box.

The batteries shall be connected to the engine with suitably rated P.V.C. insulated flexible leads.

The batteries shall have sufficient capacity to provide three automatic attempts to start immediately followed by three manual attempts without any appreciable drop in voltage. The automatic attempts to start shall each be of not less than 10 seconds duration with 10 second intervals between and the manual attempts shall be based on the same cranking period.

A device shall be provided to limit the cranking time of each automatic attempt to start, to the 10 seconds specified above and to provide three automatic attempts after which the automatic starting mechanism will cut out until manually reset and at the same time sound an audible alarm and illuminate the L.E.D. on the AMF controller. The engine driven battery charging alternator shall have sufficient capacity to recharge the batteries back to normal starting requirements in not more than six hours.

A battery charging unit of the trickle charge type shall be provided to maintain the batteries at full capacity when the set is at rest. The charging equipment shall be connected so that the battery is normally charged from the mains, but is also charged under mains failure conditions from the diesel generating plant and if required via an inhibitor relay to prevent dual charging. The unit shall be complete with voltmeter, push button test, D.C. and A.C. protective gear. The charging unit shall be incorporated in the diesel generator control cabinet.

7.14. Engine Instruments

As per the Deep Sea DSE 7320 Controller fitted with DSE Webnet DSE890 Gateway complete with separate GPS and GSM antennae.

7.15. Safety Controls

The engine shall be equipped with the safety controls as specified in 11.4.

7.16. Engine/Alternator Coupling and Base

The engine and alternator shall be direct coupled and arranged for operation at 400/230 volt, 50Hz and 1500 RPM.

A steel fabricated base-frame (incorporating the day fuel tank) with anti-vibration mounts between the engine / alternator combination and base shall be provided and must be able to be placed directly on the concrete plinth / slab.

The base frame shall incorporate the canopy mounting arrangement.

8. **RADIATOR EXTRACT DUCTING**

A galvanized duct shall be provided and installed between the radiator face and outlet louver to positively duct the hot expelled air out of the canopy. A flexible section shall be fitted between the radiator face and duct in order to prevent the recirculation of hot discharged air.

9. **A.C. GENERATOR**

As per the engine requirements, only genuine and locally supported recognised Original Equipment Manufacturers (O.E.M.) alternators will be acceptable. Grey products and copies are unacceptable and will result in the Tender being rejected.

9.1. Rating

The generator shall be a 400/230 volt, 3 phase, and 4 wire 50 Hz machine. The generator rating shall be applicable for continuous service application.

Note: The unit shall be capable of delivering rated power as per Part 2-Particular Specification at 0.8 power factor.

The unit shall deliver 60% initial load + - 15 sec after start up and the balance of load 40% shall be delivered after a further 10 sec.

9.2. Construction and Manufacture

The generator shall be a revolving field type, coupled directly to the engine flywheel through a flexible disc for positive alignment. The generator housing shall bolt directly to the engine flywheel housing and shall be equipped with a heavy duty ball bearing support for the rotor. The motor shall be dynamically balanced up to 25 % over speed.

The generator shall be of heavy duty compact design. Insulation shall be Class H as recognised by B.S.5514.

The generator field excitation shall be performed by a rotating exciter mounted on the generator motor shaft through a brushless rotating diode system. The voltage regulator shall be of the static-magnetic type with silicon diode control. It shall be mounted on the top or side of the generator and enclosed in a drip proof enclosure. A built in voltage adjusting rheostat shall provide 10 % voltage adjustment.

9.3. Performance

The generator shall be capable of continuously delivering the full rated load specified in Clause 9.1 and of providing a 10 % overload for the period and in the manner specified for the engine in Clause 7.5.

9.4. Wave Form

The shape for the voltage and current wave shall be within the limits laid down by B.S. 5000.

9.5. Voltage Regulation and Response

The alternator shall be self-regulated and shall incorporate an automatic voltage regulator.

The voltage regulation shall not exceed $\pm 2\frac{1}{2}\%$, from no load to full load, including cold to hot variations at any power factor between 0.8 lagging and unity and inclusive of speed variations within the limits stated in Clause 7.6.

Upon application of full load at a power factor of 0,8 lagging the alternator voltage shall recover to within $2\frac{1}{2}\%$ of the steady state value within approximately 300 milliseconds.

Upon application of any load specified in transient, maximum voltage dip shall not exceed 20% of the nominal voltage when measured at the alternator terminals.

9.6 Windings

The generator stator windings shall be star connected with the star point brought out and connected to the neutral terminal in the terminal box on the generator to provide a 400/230 volt supply.

9.7. Terminal Box

The terminal box shall be fitted to suit the cable route and it shall be large enough to allow for glanding and connecting the cables specified in Clause 12.2.

9.8. Radio and T.V. Interference

The generating set shall be suitably suppressed within the limits of B.S. 800 against radio and television interference.

10. **DIESEL GENERATOR CONTROL PANEL**

10.1. Type and Construction

The control panel shall be designed for the control of the diesel generating set with instrumentation and protective devices to meet both manual and automatic mode requirements.

The control panel shall be of robust construction, totally enclosed and dustproof.

It shall be of folded 1,6 mm thick cold rolled sheet steel construction, suitable for front entry through hinged doors. Internal chassis plates, circuit breaker pans and gland plates shall be provided. Special attention shall be given to vermin proofing and dust sealing.

Prior to painting, all steelwork must be thoroughly degreased and re-rusted and then primed with a zinc chromate primer. All internal steel chassis plates, gland plates and switchgear brackets shall be painted with white powder epoxy paint and all exterior steel surfaces shall be finished with red powder epoxy paint

The control panel shall be built into three separate sections, with the controls, change-over and on load bypass switch each having its own section.

10.2 Bus-Bars, Wiring, Switchgear, etc.

All bus-bars and wiring shall be adequately rated and suitably supported, and control wiring shall be neatly laced and numbered with durable plastic ferrules, for easy tracing. Suitable terminals are to be provided for incoming and outgoing cables. Suitably sized holes shall be punched in the gland plates for the required number of cable terminations for both incoming and outgoing cables. The cables shall be secured to the gland plate by means of cable glands as Pratley, C.C.G. or other approved. The gland plate shall be suitably braced to prevent distortion after the cables are glanded thereto.

Circuit breakers are to be of moulded case construction and the 4 pole motorized change-over switch and "On Load" bypass switch shall be a reputable make, with full local representation.

All instrumentation shall be of 1.5% accuracy and their performance shall comply with B.S.89. The instruments shall be flush mounted and the dial dimensions shall be 96mm x 96mm.

Tenderers must give assurance with their tender that replacements for the equipment, switchgear and instruments used in the construction of the panel are readily available from stock held in the Republic of South Africa.

11. CONTROL PANEL

11.1 The change-over panel is to be situated inside the canopy.

11.2 The supply and installation of all cables and supports between the generator set and AMF control panel forms part of this contract.

11.3 Changeover Board and Bypass Switch

11.3.1 1 x T.P. Generator MCB. The MCB shall be rated to suit the generator offered and shall have both adjustable thermal and instantaneous overload elements.

11.3.2 **If over 150kVA**

1 x Set of Four Pole automatic changeover isolators with motor operated mechanisms (Minimum rating of 630amps) and with appropriate auxiliary and control contacts with electrical and mechanical interlocking arrangements to the approval of the Department. The units are to be Socomec, ABB or other approved **prior to the close of the Tender.**

11.3.3 **If under 150kVA**

1 x Set of Four Pole suitably rated contactors with electrical and mechanical interlocking arrangements to the approval of the Department.

11.3.4 **If over 150kVA**

1 x On load hand operated by pass switch (Minimum rating of 630amps) of the isolator type with three operating positions labelled "NORMAL", "OFF" and "BYPASS" to enable the changeover equipment and control circuitry to be passed for maintenance purposes. The units are to be Socomec, ABB or other approved **prior to the close of the Tender.**

11.3.5 **If under 150kVA**

No by-pass switch required.

11.3.6 3 x Open ring CT's suitably scaled.

11.3.7 1 x Open ring VT

11.3.8 Load, neutral and earth bus-bars.

11.3.9 Control Section

- a) Automatic constant voltage battery charger.
- b) Electronic governor control (if required and not an electronic engine).
- c) Control C/B for instruments.
- d) Control relays for change over contacts.
- e) 12 / 24 Volt fuel relays.
- f) Terminal strips.

11.3.10 Door Mounted Components

NOTE: While the controller incorporates some of this equipment, the specified items as detailed below are STILL REQUIRED and shall be mounted on the door.

- a) 1 x Deep Sea DSE 7320 Generator Controller
- b) 3 x Flush mounted M.D.I. 96 x 96mm dial ammeters suitably scaled
- c) 1 x Flush mounted 96 x 96 mm dial voltmeter, 0 - 500VAC.
- d) 1 x Flush mounted voltmeter selector switch with off, phase to phase and phase to neutral positions.
- e) 1 x Flush mounted running hour meter.
- f) 1 x Emergency stop push button - "Latching type".
- g) 1 x Engine alternator charge indication.

11.4 Control Equipment Requirement

Control systems may not consist of the electromagnetic relay type. **Only the Deep Sea DSE 7320 fitted with additional DSE890 Gateway Controller** or equivalent (Subject to approval by DoH prior to the closure of the Tender) solid state programmable systems will be accepted.

The solid state controller and associated systems wiring shall be to the control system manufacturer's guidelines and shall be adequately protected against transient over voltages arising from lightning effects, switching surges, power system surges or mains and alternator borne noise/interference. Full details of the suppression systems are to be provided at tender. Wiring to and from the solid state programmable controller is to be screened as necessary to prevent electrostatic and magnetic interference from adjacent wiring/systems.

SPECIFICATION FOR CONTROLLER

FRONT PANEL INDICATORS AND DISPLAYED MESSAGES

The controller status including Warning and Shutdown/ Critical alarms shall be indicated by a combination of LCD and messages on the LCD display.

CONDITION	LCD	DISPLAY MESSAGE	WARNING	SHUTDOWN
HIGH ENGINE TEMPERATURE		X		X
LOW OIL PRESSURE		X		X
OVER SPEED		X		X
UNDER SPEED		X		X
LOW FUEL AT 30% OF CAPACITY	X	X	X	
NO FUEL AT 10% OF CAPACITY	X	X		X
LOW BULK TANK		X	X	
LOW WATER		X		X

CONDITION	LCD	DISPLAY MESSAGE	WARNING	SHUTDOWN
START FAILS AFTER 3 CRANKS AT 10 SECOND INTERVALS.	X	X		X
EMERGENCY STOP	X	X		X
SHUTDOWN / CRITICAL	X	X		X
MAINS PHASE ROTATION FAULT		X		X
HIGH MAINS VOLTS		X		X
LOW MAINS VOLTS		X		X
MAINS ON	X	X		
MAINS ON LOAD	X	X		
ALTERNATOR ON	X	X		
ALTERNATOR ON LOAD	X	X		
ALTERNATOR PHASE ROTATION		X		X
HIGH ALTERNATOR VOLTS		X		X
LOW ALTERNATOR VOLTS		X		X
BATTERY VOLTS FAULT		X	X	
ALTERNATOR CHARGE FAULT		X	X	
AUTO	X			
TEST	X			
MANUAL	X			
MANUAL START	X			
MANUAL STOP	X			
MANUAL OR TEST (NOT IN AUTO)	X			
TIME DELAYS IN SECONDS				
MAIN FAILURE DELAY	10			
START-UP TIME	5			
MAINS RETURN DELAY	60			
COOL DOWN DELAY BEFORE SHUT DOWN.	120			

FRONT PANEL SWITCHES

As per the Deep Sea 7320 controller

PLANT OPERATION

The mode selector touch pad functions shall be as follows

OFF/RESET	Control system off and alarm condition reset.
AUTO	Automatic starting and stopping of the set dependant on the mains supply.
MANUAL	Starting and stopping activated manually. In this mode the load will not be transferred in the event of a mains failure.
TEST	The set will start automatically in this position. The load will be taken by the alternator in the event of a mains failure and will run off load.

LOGGING OF EVENTS

As per Deep Sea DSE 7320 controller and Webnet DSE890 Gateway Controller

USER PROGRAMMABLE

As per Deep Sea DSE 7320 controller and Webnet DSE890 Gateway Controller

12. ELECTRICAL

Cables between the generator set and control panel shall be supplied and installed in accordance with the requirements of the S.A.N.S. Wiring Code (S.A.N.S. 10142 – 1:2017 as amended).

12.2. Terminations

The cables are to be made off with suitable cable glands as C.C.G, Pratley or other approved. The cable glands at the control panel shall be secured to the gland plate in the base section of the panel and at the generator end to the terminal box.

The cable conductors shall be terminated with suitably rated pressure crimped cable lugs.

12.3. Earthing

The neutral point of the generator shall be solidly connected, by means of an appropriate size of insulated earth conductor, to the earth bar in the alternator and in the panel. All plant, ancillary equipment and steel work in the stand-by plant room shall be suitably bonded together with an appropriate size of bare copper tape which shall also be connected to the earthbar.

An Earth Mat should be installed (if not already in place) of sufficiently low impedance to match the generator rating.

12.4. Phase Rotation

The Contractor shall ensure that the mains and generator phase rotations are identical. The existing phase rotation shall be determined prior to the changeover shutdown to ensure that the new set is connected with the same phase rotation.

13. PAINTING

The engine and generator shall be painted **uniformly** with best quality enamel paint **in a colour approved by the Department.**

The control panel shall be painted with best quality powder coated signal red paint.

14. TESTING

14.1. Testing At Contractor's Premises

An acceptance test shall be carried out at the Contractor's works to establish that the diesel generating plant and its ancillary equipment meets with the requirements of the specification. The Contractor shall give the consultant at least seven days notice prior to testing the plant. In the event of the plant failing the test and having to be re-tested, at some future date, all expenses (including travelling) incurred by the consultant in attending the second test will be to the Contractor's account. All fuel used for the test will be for the tenderers account.

- a) Simulate a mains failure to automatically start the plant from cold to test its ability to attain full rated speed and voltage and assume the full load in the specified time of ten seconds.
- b) Test run the plant at full load for a period of one hour.
- c) Immediately after the above specified run, without stopping the plant, run it for a further hour at 110 % load.
- d) Test the plant with regards to voltage dip, voltage and frequency recovery, with a sudden application of various loads.
- e) Test the plant for its ability to assume full rated load immediately on failure of the normal supply.
- f) Test and demonstrate (by simulation only where actual Conditions could damage the plant and its ancillary equipment) the correct operation of the engine safety controls and alarms together with other alarms as specified.
- g) Any other tests the client may consider necessary to establish that the diesel generator and its ancillary equipment as a whole is functioning correctly and in accordance with the specification.

NB The Contractor shall provide necessary instruments and equipment for carrying out the tests. The test equipment shall be capable of producing 100 % load for one hour and 110 % load for a further hour continuously without interruption. The test load shall be adjustable and balanced over three phases.

The instrumentation shall be capable of recording and producing printed data pertaining to transient voltage dips, recovery time, applied load, etc, as specified in Clause 9.5.

14.2. Tests On Site

On completion of the installation of the plant, the following test shall be carried out.

- a) Automatic starting and stopping with load change over. The load in this instance will be provided by the client.
- b) Test by simulation only of the operation of the engine protection and alarm devices.
- c) Any other tests which the consultant may require on site.

15. NOTICES & LABELS

15.1. Warning Notice

The Contractor shall provide and install in a conspicuous position in the plant room a clearly legible and indelible notice 450 x 450mm made from non-deteriorating material, preferably plastic with red letters on a white background worded to read as follows:

DANGER: THIS ENGINE WILL START WITHOUT NOTICE. TURN THE CONTROLLER OFF AND PRESS THE EMERGENCY STOP BUTTON IN BEFORE WORKING ON THE PLANT.

15.2 All labels shall be RED engraved letters on WHITE Ivorene glued with super glue or pop riveted to cover plates where applicable. Letter size shall be a minimum of 3mm.

16. OPERATING AND MAINTENANCE MANUALS, ETC.

The Contractor shall supply three complete comprehensive sets of operating and maintenance manuals, complete with schematic control diagrams and complete spare parts list for both engine and generator.

The above manuals are to be handed to the authorized representative on completion of the installation.

In addition a complete schematic diagram of the power and control circuitry is to be mounted in a glass fronted wooden or non-ferrous metal frame and fixed to the canopy door adjacent to the generator control panel.

The Contractor is to provide a schedule containing particulars and part numbers of all major components e.g. relays, timers etc. of the control circuitry to facilitate the ordering of spares.

NOTE: Under no circumstances will **Practical Completion** be taken of the plant and equipment unless these requirements have been completed.

17. DRAWINGS

Within one month of the receipt of order the successful Tenderer shall submit prints of each of the following drawings for approval:-

- a) General arrangement of the stand-by plant switchboard front panel.
- b) Schematic of the complete electrical systems, including starter motor, battery and automatic battery charger.
- c) Dimensioned layout of all plant in the canopy compartment.

18. SPARE PARTS

Tenderers must **provide an assurance** with their Tender that spare parts for the plant offered by them as a whole are readily available within the Republic of South Africa and to state where these **spare parts** are available.

19. GUARANTEE AND MAINTENANCE

19.1. General

The Contractor shall guarantee and maintain the Contract Works for a period of twelve months (12) after **Works Completion** of the plant. During the maintenance period the Contract Works shall be maintained as specified in Clause 21 by the Contractor and any defective material, equipment or workmanship (excepting proven, willful or accidental damage, or fair wear and tear) shall be made good with all possible speed at the Contractor's expense and to the satisfaction of the client.

19.2. Making Good

When called upon by the client the Contractor shall make good on site and shall bear all expense incidental thereto including making good of work by others, arising out of removal or reinstallation of equipment. All work arising from the implementation of the

guarantee or maintenance of equipment shall be carried out at times which will not result in any undue inconvenience to users of the equipment or occupants of premises.

If any defects are not remedied within a reasonable time the client may proceed to do the work at the Contractor's risk and expense, but without prejudice to any other rights which the client may have against the Contractor.

19.3. Latent Defects and Failure to Comply with Specification

The client reserves the right to demand the replacement or making good by the Contractor at his own expense of any part of the Contract which is shown to have any latent defects or not to have complied with the Specification, notwithstanding that such work has been taken over or that the guarantee period has expired.

19.4. Qualification by Tenderer

Should any specified materials or equipment in the Tenderer's opinion be of inferior quality, or be unsuitably employed, rated or loaded, the Tenderer shall prior to the submission of his tender advise the consultant accordingly. His failure to do so shall mean that he guarantees the work including all materials or equipment as specified.

20. **MAINTENANCE**

At six monthly intervals (2) during the guarantee period of twelve months, starting from the date of Works Completion, the Contractor shall adjust and maintain the standby plant and its ancillary equipment in proper working order. As a minimum requirement the Contractor shall:

- a) Check and top-up if necessary, the fluid levels in the radiator, engine sump, fuel oil tank and batteries.
- b) Test run the standby plant and ancillary equipment for a period of 15 minutes.
- c) Wipe down the standby plant and its ancillary equipment and report on any evidence of any fluid leaks or other defects.
- d) Fill in the standby plant logbook.

The cost of such inspections, maintenance, adjustments, repairs, etc., shall be included in the tender price, but the cost of renewing any part which may become worn through fair wear and tear, or damaged beyond the control of the Contractor (provided this is not due to unsuitable design) shall be excluded.

If during the guarantee and maintenance period the standby plant is not in working order for any reason for which the Contractor can be held responsible, then the Contractor will be notified and immediate steps shall be taken by him to remedy the defects. Should the standby plant defects be so frequent as to become objectionable or should the equipment otherwise prove unsatisfactory during the guarantee period of twelve months, the Contractor shall, if called upon by the client, at his own expense replace the whole or such parts thereof as the client may deem necessary with equipment to be specified by the client. Approval - tacit or otherwise - of the equipment installed shall be considered as provisional only and shall not invalidate the client's right as indicated above.

PART 2- PARTICULAR SPECIFICATION

1. GENERAL

This particular specification must be read with, and shall form part of, Part 1 of this document (Technical Specification).

In so far as the conditions contained herein are at variance with any obtained in the Technical Specifications, the contract shall be interpreted in terms of this Part 2 (Particular Specification).

2. SCOPE OF WORKS

The works consist of the supply, delivery, installation and commissioning of new canopy type Generators located at the GPS Co-ordinates below:

3. THE SITE

Summary of Clinics where generators will be installed:

Clinic Name	Co-ordinates		Altitude A.S.L (m)	Generator Size (kVA)
	S	E		
Charlestown	-27.423586	29.872780	1680	150
Durnacol	-28.047369	30.021361	1330	60
Emfundweni	-27.888306	30.197713	1215	60
Greenock	-27.857032	30.268567	1202	60
Groenvlei	-27.463236	30.229921	1785	100
Ingogo	-27.576419	29.910744	1250	60
Ladybank	-27.964157	30.215397	1212	60
Madadeni 7	-27.748780	30.032849	1216	100
Mndoza	-27.747374	30.190804	1198	60
Newcastle	-27.756889	29.930139	1187	60
Osizweni 1	-27.789960	30.130764	1215	60
Osizweni 3	-27.784505	30.161261	1213	60
Stafford	-27.769017	30.080919	1225	60
Sukumani	-27.865330	30.150033	1261	100
Thembalihle	-27.928752	30.247788	1197	60
Verdriet	-27.991315	30.146661	1296	60

Sizes are as per Last Column, however the size will be confirmed once the Contractor appointed Professional Service Provider has investigated the site and provided Design Report;

4. DESCRIPTION OF WORKS

4.1 INTRODUCTION

The works cover the supply, installation, testing and commissioning of Standby generator sets as outlined in 3 above.

Bills of Quantities are Provisional and require adjustment based upon the following:

It is a requirement of this Contract that the Contractor appoint a Professionally Registered Electrical Engineering Service Provider for the following portion of the works.

4.2 Design Criteria

Generators will be as per the KZN Department of Health Standard Specifications for Outdoor Canopy Sets. (Copy attached as Annexure "A"). The following are the main important requirements.

- Outdoor canopy type generators to be utilised. (Sound proof canopies be installed only where required).
- Self banded diesel fuel tank incorporated into the generator base suitable to operate for 72 hours at full load.
- Automatic start-up in the event of a ESKOM/Municipal power failure/outage.
- Prospective Contractor to comply with the DoH specification in its entirety. Tenderers are to familiarize themselves with the Specification as no additional costs pertaining to any requirements in the specification not catered for will be entertained.
- The use of only local manufacturer's/suppliers of generators that carry readily available spares shall be used by the prospective Contractor.

Generators will be sized as follows: Large Clinic: 150kVA, Medium Clinic: 100kVA and Small Clinic 60kVA. Clinics will be fully supplied with emergency power as it is too difficult to split emergency and normal supplies in an existing functioning facility as this will require a rewiring of the entire facility.

All associated electrical work, as well as the construction of concrete plinths will form part of the works.

The contract must provide for a registered professional electrical engineer to do necessary site investigations and oversee the installation of generator sets. This is to enable more efficient management of the contract.

The duties of the required register Professional Engineer (Or other suitably registered Professional as per ECSA requirements) include the following among others.

DESIGN ASPECT- REPORT TO BE PRODUCED

- Determine design loading for each clinic to establish and confirm generator size.
- Calculate and determine the size and quantity of electrical cabling.
- Draw up schematic representation for each project.
- Submit a costed bills of quantities for each installation

- Provide a project specific baseline Risk Assessment report
- Assist the contractor in developing a project and site specific Health and Safety Plan
- Submit Design Report to DOH Engineer for approval before installation of generator may take place.

COMPLETION ASPECT- REPORT AND AS BUILT DRAWINGS TO BE PRODUCED

- Check quality of work by Contractor to ensure compliance to DOH and Legislated Standards.
- Provide As Built Drawings of reticulation installed on site (Only works done by contractor)
- Provide all necessary documentation pertaining to quality checks done. (Including Factory Acceptance Tests etc)
- Check and certify Quantities of materials installed.
- Submit a draft final account for Approval by the Client

The Official site hand over certificate will only be issued upon the receipt of the Design documentation. Works/Practical completion will only be issued upon the receipt of the Completion documentation

A 3 year maintenance contract must be entered into with the service provider once the construction phase is completed.

The new generator set shall to be installed on a steel reinforced concrete plinth of sufficient MPa strength. Bund walls are not required as Self Bunded tanks are specified.

PART THREE- SCHEDULE OF EQUIPMENT

The Schedule of equipment offered shall be fully completed by the Tenderer.

GENERAL

Tenderers must complete the following schedule of information and are to submit with their Tender comprehensive literature on the equipment offered including countries of origin.

FAILURE TO COMPLETE AND SIGN THIS SCHEDULE IN ITS ENTIRITY SHALL LEAD TO DISQUALIFICATION OF THE BID.

3.1 OUTDOOR TYPE STANDBY GENERATOR SET- 150kVA

DIESEL ENGINE

- a) Make and Model
- b) Type (two or four stroke).....
- c) Performance Parameters
 - i) Rated output at sea level: Prime Power:kVA / kW.
Standby Power.....kVA / kW.
 - ii) Rated output atmetres above sea level (Altitude of hospital/Institution)
Prime PowerkVA / kW.
Standby Power.....kVA / kW.
 - iii) Ambient air temperatures atmetres above sea level (Altitude of hospital/Institution)
Minimum °C.....
Maximum ° C.....
- d) Governed speedRPM
- e) Number of cylinder.....
- f) Diameter of cylinders.....mm
- g) Stroke of piston.....mm
- h) Piston speed.....m/minute
- i) Type of air cleaner.....
- j) Type of lubricating oil filter
- k) Make and type of injection system
- l) Type and number of fuel filters.....

- m) Manufacture and type of turbo-charger
- n) Manufacturer and type of governor
- o) Max cyclic variations.....
- p) Speed variation for sudden release or application of load: i) Temporary.....
ii)Permanent
- q) 100% Rated full load may be applied seconds after initiation of starting sequence
- r) Specific fuel consumption at full load. Litres/ HR (submit curves).....
- s) Air quantity required for engine coolingcu.m/min.
- t) Cross sectional area of radiator air discharge outlet required

STARTING BATTERY

- a) Manufacturer
- b) Type
- c) Capacity.....
- d) Voltage.....

ALTERNATOR

- a) Make
- b) Type
- c) Type of bearings
- d) Method of lubrication
- e) Rated load at 0.8 power factor at 400 / 230 volt 50Hz 3 Phase
 - i) Continuous ratingKva.....Amps.....
- f) Efficiency of alternator at full load
- g) Output voltage within governed speed range at
 - i) No loadVolts
 - ii) 50%loadVolts
 - iii) 100% loadVolts
 - iv) 110% loadVolts
- h) Method of voltage regulation

CONTROL CUBICLE

- a) Manufacturer
- b) Dimensions of control cubicle: Length.....mm
Width.....mm
Height.....mm
- c) Type of control equipment
- d) Type, make and rating of 4 pole by pass switch

- e) Type, make and rating of 4 pole motorised change-over switch
- f) Rupturing capacity at rated voltage of main circuitKA
- g) Method of tripping employed in main circuit breaker
- h) Range of load setting of main circuit breaker
- i) Electrical and mechanical interlock provided: YES..... NO..... TYPE

VOLTMETER

- a) Make and type
- b) Dial dimensions
- c) B.S.S. accuracy

MAXIMUM DEMAND AMMETERS

- a) Make and type
- b) Dial dimensions
- c) Time lag
- d) B.S.S. accuracy

FREQUENCY METER

- a) Make and type
- b) Dial dimensions
- c) B.S.S. accuracy

SELF BUNDED FUEL TANKS

- Base tank size
- Bulk tank size
- Bulk tank manufacturer and model number

EXHAUST

- Exhaust material
- Exhaust material, silencer and outlet pipe

MASS OF PLANTkg

OVERALL DIMENSIONS OF PLANT

- Length
- Height
- Width

3.2 OUTDOOR TYPE STANDBY GENERATOR SET- 100kVA

DIESEL ENGINE

- a) Make and Model
- b) Type (two or four stroke).....
- c) Performance Parameters
 - i) Rated output at sea level: Prime Power:kVA / kW.
Standby Power.....kVA / kW.
 - ii) Rated output atmetres above sea level (Altitude of hospital/Institution)
Prime PowerkVA / kW.
Standby Power.....kVA / kW.
 - iii) Ambient air temperatures atmetres above sea level (Altitude of hospital/Institution)
Minimum °C.....
Maximum °C.....
- d) Governed speedRPM
- e) Number of cylinder.....
- f) Diameter of cylinders.....mm
- g) Stroke of piston.....mm
- h) Piston speed.....m/minute
- i) Type of air cleaner.....
- j) Type of lubricating oil filter
- k) Make and type of injection system
- l) Type and number of fuel filters.....
- m) Manufacture and type of turbo-charger
- n) Manufacturer and type of governor
- o) Max cyclic variations.....
- p) Speed variation for sudden release or application of load: i) Temporary.....
ii)Permanent
- q) 100% Rated full load may be applied seconds after initiation of starting sequence
- r) Specific fuel consumption at full load. Litres/ HR (submit curves).....

s) Air quantity required for engine cooling cu.m/min.

t) Cross sectional area of radiator air discharge outlet required

STARTING BATTERY

a) Manufacturer

b) Type

c) Capacity.....

d) Voltage.....

ALTERNATOR

a) Make

b) Type

c) Type of bearings

d) Method of lubrication

e) Rated load at 0.8 power factor at 400 / 230 volt 50Hz 3 Phase

i) Continuous rating Kva..... Amps.....

f) Efficiency of alternator at full load

g) Output voltage within governed speed range at: i) No load Volts

ii) 50% load Volts

iii) 100% load Volts

iv) 110% load Volts

h) Method of voltage regulation

CONTROL CUBICLE

a) Manufacturer

b) Dimensions of control cubicle: Length.....mm

Width.....mm

Height.....mm

c) Type of control equipment

d) Type, make and rating of 4 pole by pass switch

e) Type, make and rating of 4 pole motorised change-over switch

f) Rupturing capacity at rated voltage of main circuitKA

g) Method of tripping employed in main circuit breaker

h) Range of load setting of main circuit breaker

i) Electrical and mechanical interlock provided: YES..... NO..... TYPE

VOLTMETER

a) Make and type

b) Dial dimensions

c) B.S.S. accuracy

MAXIMUM DEMAND AMMETERS

- a) Make and type
- b) Dial dimensions
- c) Time lag
- d) B.S.S. accuracy

FREQUENCY METER

- a) Make and type
- b) Dial dimensions
- c) B.S.S. accuracy

SELF BUNDED FUEL TANKS

Base tank size

Bulk tank size

Bulk tank manufacturer and model number

EXHAUST

Exhaust material

Exhaust material, silencer and outlet pipe

MASS OF PLANTkg

OVERALL DIMENSIONS OF PLANT

Length

Height

Width

3.3 OUTDOOR TYPE STANDBY GENERATOR SET- 60kVA

DIESEL ENGINE

- a) Make and Model
- b) Type (two or four stroke).....
- c) Performance Parameters
- i) Rated output at sea level: Prime Power:kVA / kW.
Standby Power.....kVA / kW.
- ii) Rated output atmetres above sea level (Altitude of hospital/Institution)
Prime PowerkVA / kW.
Standby Power.....kVA / kW.
- iii) Ambient air temperatures atmetres above sea level (Altitude of hospital/Institution)
Minimum °C.....
Maximum °C.....
- d) Governed speedRPM
- e) Number of cylinder.....
- f) Diameter of cylinders.....mm
- g) Stroke of piston..... mm
- h) Piston speed.....m/minute
- i) Type of air cleaner.....
- j) Type of lubricating oil filter
- k) Make and type of injection system
- l) Type and number of fuel filters.....
- m) Manufacture and type of turbo-charger
- n) Manufacturer and type of governor
- o) Max cyclic variations.....
- p) Speed variation for sudden release or application of load: i) Temporary.....
ii)Permanent
- q) 100% Rated full load may be applied seconds after initiation of starting sequence
- r) Specific fuel consumption at full load. Litres/ HR (submit curves).....

- s) Air quantity required for engine coolingcu.m/min.
- t) Cross sectional area of radiator air discharge outlet required

STARTING BATTERY

- a) Manufacturer
- b) Type
- c) Capacity.....
- d) Voltage.....

ALTERNATOR

- a) Make
- b) Type
- c) Type of bearings
- d) Method of lubrication
- e) Rated load at 0.8 power factor at 400 / 230 volt 50Hz 3 Phase
 - i) Continuous rating Kva..... Amps.....
- f) Efficiency of alternator at full load
- g) Output voltage within governed speed range at:
 - i) No loadVolts
 - ii) 50%loadVolts
 - iii) 100% loadVolts
 - iv) 110% loadVolts
- h) Method of voltage regulation

CONTROL CUBICLE

- a) Manufacturer
- b) Dimensions of control cubicle:
 - Length.....mm
 - Width.....mm
 - Height.....mm
- c) Type of control equipment
- d) Type, make and rating of 4 pole by pass switch
- e) Type, make and rating of 4 pole motorised change-over switch
- f) Rupturing capacity at rated voltage of main circuitKA
- g) Method of tripping employed in main circuit breaker
- h) Range of load setting of main circuit breaker
- i) Electrical and mechanical interlock provided: YES..... NO..... TYPE

VOLTMETER

- a) Make and type
- b) Dial dimensions
- c) B.S.S. accuracy

MAXIMUM DEMAND AMMETERS

- a) Make and type
- b) Dial dimensions
- c) Time lag
- d) B.S.S. accuracy

FREQUENCY METER

- a) Make and type
- b) Dial dimensions
- c) B.S.S. accuracy

SELF BUNDED FUEL TANKS

- Base tank size
- Bulk tank size
- Bulk tank manufacturer and model number

EXHAUST

- Exhaust material
- Exhaust material, silencer and outlet pipe

MASS OF PLANTkg

OVERALL DIMENSIONS OF PLANT

- Length
- Height
- Width

3.3 TYPE AND RATING OF EQUIPMENT TO BE USED FOR LOAD TESTS

.....

3.4 COMPANY NAME AND ADDRESS OF BULK TANK INSTALLATION

... N/A for this BID.....

.....

IS THE TENDERER A DIESEL GENERATOR SET MANUFACTURER WITH LOCAL MANUFACTURING AND BACKUP FACILITIESYES / NO.....

IS THE TENDER 100% TO SPECIFICATIONYES / NO.....

If the answer is NO, provide reasons for the deviation from the specification.

DATE..... SIGNATURE OF TENDERER.....

COMPANY STAMP