



Tongaat CHC - Installation of 20kl Elevated Water Tank

C1.3 - FORM OF GUARANTEE

**G1.3 PERFORMANCE GUARANTEE -
GCC FOR CONSTRUCTION WORKS (2nd Edition - 2010)**

Head: Department of Health
KZN Department of Health:
Private Bag X 9051
Pietermaritzburg
3200

Sir,

ON DEMAND PERFORMANCE GUARANTEE

Tender Number ZNB5032/2022-H

Project Code N/A

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 Health

"Contractor" means: _____

"Engineer" means: _____

"Works" means: Tongaat CHC - Installation of 20kl Elevated Water Tank

"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: 10%
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)



Tongaat CHC - Installation of 20kl Elevated Water Tank

PART C2 - PRICING DATA

G2.1 PRICING INSTRUCTIONS
GCC FOR CONSTRUCTION WORKS (Second Edition 2010)

Project title:	Tongaat CHC - Installation of 20kl Elevated Water Tank		
Tender no:		Project Code:	N/A

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> <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 Tenderer submits his tender 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 : Health 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>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 : Health.</p>

<p>5</p>	<p>TIMELY ORDERING OF MATERIALS</p> <p>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.</p>
<p>6</p>	<p>ELECTRICAL LIGHTING, POWER AND WATER</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 Employer.</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>Tenderers 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.</p>
<p>7</p>	<p>IMPORT PERMITS, DUTIES AND SURCHARGES.</p> <p>All tenders 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 tender documents. If this day falls on a weekend or public holiday, the next working day must be used.</p> <p>Furthermore, Tenderers 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.</p> <p>Together with this, the Tenderer 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.</p>
<p>8</p>	<p>STANDARD SYSTEM OF MEASUREMENT WHERE BILLS OF QUANTITIES FORM PART OF THE TENDER DOCUMENTS</p> <p>The work executed under this Contract has been measured in accordance with the;</p> <p style="text-align: center;">Standard System of Measuring Builders Work (7th Edition)</p> <p>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.</p>
<p>9</p>	<p>PRICING OF ROCK EXCAVATIONS</p> <p>It is a condition of this tender that should the tenderer elect to price the Rock Excavation included in this tender, 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.</p>

10	<p>BROAD BASED BLACK ECONOMIC EMPOWERMENT</p> <ol style="list-style-type: none"> 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 tender. 				
11	<p>REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE</p> <ol style="list-style-type: none"> 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 varification 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 varified 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 varified CSD information. 5. Tenderers are required to fill in clearly, legibly, in bold print and black ink their CSD supplier number in the space hereunder: <table border="1" data-bbox="151 1261 1418 1406"> <tr> <td data-bbox="151 1261 624 1328">Name of Supplier</td> <td data-bbox="624 1261 1418 1328"></td> </tr> <tr> <td data-bbox="151 1328 624 1406">Central Supplier Database (CSD) Supplier Number:</td> <td data-bbox="624 1328 1418 1406"></td> </tr> </table>	Name of Supplier		Central Supplier Database (CSD) Supplier Number:	
Name of Supplier					
Central Supplier Database (CSD) Supplier Number:					
12	<p>TAX CLEARANCE REQUIREMENTS</p> <p>It is a condition of tender that the taxes of the successful tenderer must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the Tenderder'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.</p> <ol style="list-style-type: none"> 1 In order to meet this requirement tenderers are required to apply via e-filing at any SARS branch office nationally. The Tax Compliance Status (TCS) requirements are also applicable to foreign Tenderders / individuals who wish to submit Tenders. 2 SARS will then furnish the Tenderder 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 tenders 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. 				

	<p>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.</p>		
	<table border="1"> <tr> <td data-bbox="127 212 486 280">Security PIN Number</td> <td data-bbox="486 212 1404 280"></td> </tr> </table>	Security PIN Number	
Security PIN Number			
	<table border="1"> <tr> <td data-bbox="127 280 486 347">Company / Entity Tax Reference Number</td> <td data-bbox="486 280 1404 347"></td> </tr> </table>	Company / Entity Tax Reference 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 Tender, Conditions of Contract, Standard Preambles to all Trades, Specifications, Drawings and all other relevant documentation.</p>		
14	<p>VALUE ADDED TAX</p> <p>The tender 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>Tenderders are to take note that the contract price adjustments are not applicable to this contract. Tenderders 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>		



Tongaat CHC - Installation of 20kl Elevated Water Tank

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

Tongaat CHC - Installation of 20kl Elevated Water Tank

BILL NO. 1
C2.2 PRELIMINARY AND GENERAL

	NOTES	UNIT	QUANTITY	RATE	AMOUNT	
	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>v) Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable").</p> <p>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.</p> <p>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. <i>See Contract Data</i> .</p>					
	SECTION A: GENERAL CONDITIONS OF CONTRACT					
A1	<p>General (clause 1)</p> <p>F:..... V:..... T:.....</p>	Item				
A2	<p>Basis of Contract (clause 2)</p> <p>F:..... V:..... T:.....</p>	Item				
A3	<p>Engineer (clause 3)</p> <p>F:..... V:..... T:.....</p>	Item				
A4	<p>Contractor's General Obligation (clause 4)</p> <p>F:..... V:..... T:.....</p>	Item				
A5	<p>Time and Related Matters (clause 5) - As referred to in the Contract Data under Special Condition of Contract.</p> <p>F:..... V:..... T:.....</p>	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: Health) may apply any of the sanctions provided in the contract. Sanctions may include the application of a financial penalty of 0.04% 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 is not subject to any Contract Price Adjustment Provisions (CPAP)</p>				
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> <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			
<p>Carried forward to collection</p>			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:</p> <ol style="list-style-type: none"> 1. EPWP monthly data collection form 2. Worker monthly payment upload 3. Worker monthly proof of payment i.e <ol style="list-style-type: none"> 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>F:..... V:..... T:.....</p> <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> <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			
Carried forward to collection	Item		R	

	UNIT	QUANTITY	RATE	AMOUNT
<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> <p>E12.7 SKILLS DEVELOPMENT ON SITE 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>	Item			
<p>F:..... V:..... T:.....</p> <p>E12.8 LABOUR ONLY Sub Contracting for local emerging enterprises Tenderers 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				

	UNIT	QUANTITY	RATE	AMOUNT
<p><u>TENDERER'S TO NOTE CONDITIONS</u></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><u>CO-ORDINATION</u></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>	Item			
<p><u>ATTENDANCE</u></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>	Item			
<p><u>E12.9 EPWP CONTRACT FOR LABOUR</u></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>				
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	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)				
E13.1	Provide and maintain a condom dispenser in terms of Clause 5.1a) F:..... V:..... T:.....	Item			
E13.2	Provide and maintain HIV/AIDS awareness posters terms of Clause 5.1b) F:..... V:..... T:.....	Item			
E13.3	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:.....	Item			
E13.4	Arrange for workers to attend the HIV Awareness Programme in terms of Clause 5.2.1b) F:..... V:..... T:.....	Item			
E13.5	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: Health) may apply any of the sanctions provided for in the contract. Sanctions may include the application of a financial penalty of 0.04% of the Contract Sum per calendar day of which the required reports has not been submitted.</i>	Item			
E14	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:.....	Item			
E15	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:.....	Item			
E16	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:.....	Item			
E17	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:.....	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
E18	<p>GENERAL PREAMBLES The Document Preambles will be the DOH Supplementary Preambles January 2009 Rev.3 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 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

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	
	17	R	
Carried forward to Final Summary		R	

Section No. 1
Preliminary & General
Summary



Tongaat CHC - Installation of 20kl Elevated Water Tank

PART C2.3 BILL OF QUANTITIES

Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>SECTION :B</u> <u>EARTHWORKS</u>				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	Excavation to be done to fit the registered Engineer's foundation design and specification.				
	<u>Geotechnical Test</u>				
1	Allow for a Geotechnical specialist to test ground samples and produce a Geotech Reports for the 15 sites which will allow the Professional Structural/Civil Design engineer to do foundation design.	Item	1		
	<u>Engineer's foundation design, design certificate, drawing, specification</u>				
2	Allow for a registered engineer to design all work pertaining to the tank stand foundations and slab, supplying of design certificate, engineering drawing, foundation construction specification and supervision of construction & certifying of foundations on all 15 sites.	Item	1		
	<u>Site Clearance</u>				
3	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees including compaction and carting away excavated materials	No	1		
	<u>Excavation in earth not exceeding 2m deep including compacting excavated surfaces</u>				
4	Excavation for 3m x 3m x 0.5m bases	m ³	5		
	<u>Extra over trench and hole excavations in earth for excavation in</u>				
5	Soft rock	m ³	2		
6	Hard rock	m ³	3		
	<u>Extra over all excavations for carting away</u>				
7	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m ³	5		
	<u>150mm Thick G5 material compacted to 98% MOD AASHTO density.</u>				
8	Under bases	m ³	2		
	Total carried to summary				R -
	SECTION B: EARTHWORKS				

Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
<u>CONCRETE, FORMWORK & REINFORCEMENT</u>						
<u>SUPPLEMENTARY PREAMBLES</u>						
<u>Cost of tests</u>						
The cost of making, storing and testing of concrete cubes as required under clause 7 "tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports to the Architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect						
<u>Formwork</u>						
Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"),						
<u>30 Mpa Reinforced concrete cast against excavated surfaces</u>						
1	Bases complete with holding down bolts for the tower structure	m ³	17			
<u>Test cubes</u>						
2	Making and testing 150 x 150 x 150mm concrete strength	No.	1			
<u>Steel reinforcement to concrete work</u>						
3	Reinforcement for each base as per design	No.	1			
<u>Formwork to sides</u>						
4	formwork to bases	m ²	12			
5	50mm blinding	m ³	2			
6	Grout	m ³	1			
Total carried to summary					R	-
CONCRETE, FORMWORK & REINFORCEMENT						

Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<u>ELEVATED WATER TANKS</u>					
1	Supply, deliver and install steel elevated 3660 x 2440 x 2440 mm (20 kl) Domestic Water Storage Tank (complete with covers, ball float valves, pressure control valve, air release valve, scour valve, valve chamber, ball pressure valve, coupling, level indicators, overflows, inlets, outlets and Ø65 drain connections as scheduled and specified) including a steel structure 10m high to support the tank complete with ladders, balustrades etc. Allow for a 65mm diameter bore for drain and over-flow facility, 50mm diameter bore for water inlet facility and 75mm diameter for water outlet facility and earthing. As per manufacturer details. To include HDG certificate, As Build drawings and 5 year guarantee of leaks	No	1		
2	75mm Nominal bore (Tank Water Outlet Pipe) Supply and Install Galvanized (GSM) Pipework c/w fittings and supports with pipe markers (Provisional Quantity)	m	300		
3	Water meter	No	1		
4	Supply, deliver and install 10 000 l plastic tank complete with fittings	No	2		
Total carried to summary					R -
ELEVATED TANKS					

Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
<u>PLUMBING AND DRAINAGE</u>						
<u>Excavations</u>						
1	Excavation in earth not exceeding 1m deep for pipe trenches	m ³	300			
2	Backfilling to pipe trenches compacted	m ³	270			
3	100mm Bedding under and filling around pipes	m ³	30			
<u>uPVC pipes</u>						
4	Lay 75mm uPVC class 9 including pressure test	m	300			
<u>Padlock</u>						
5	Supply one HA1 padlock c. w. keys for cat ladder trap and a water meter sleeve.	No	2			
6	Resurfacing of non-earth finishes (Tar, Paving, concrete and road markinh etc)	m ²	75			
7	To supply and install Control/Booster pumps with all the necessary fittings	No	1			
8	To supply and install trunk ins	No	1			
Total carried to summary					R	-

PLUMBING AND DRAINAGE				
SUMMARY PAGE				
Item		Page		AMOUNT
1	PRELIMINARY AND GENERAL	1		R -
2	EARTHWORKS	2		R -
3	CONCRETE, FORMWORK & REINFORCEMENT	3		R -
4	ELEVATED WATER TANKS	4		R -
5	PLUMBING AND DRAINAGE	5		R -
	Sub-total			R -
	Add 15% VAT			R -
	Carried to form of tender			R -



Tongaat CHC - Installation of 20kl Elevated Water Tank

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:	Tongaat CHC - Installation of 20kl Elevated Water Tank
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Tender no:		Project Code:	N/A
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1	<u>SECTION 1</u>
	<u>EXTENT OF THE WORKS</u>
	1.1 EMPLOYERS OBJECTIVES To have a backup water storage for at least 3 days. This will improve the working conditions awith adequate infrastructure.
	1.2 OVERVIEW OF THE WORKS Installation of 20 kl elevated water tanks including the installation of pumping equipment and reticulation
	1.3 EXTENT OF THE WORKS Site Clearance, Geotechnical survey, earthworks (foundations), concrete poring, installation of elevated tank, installation of pumping equipment, reticulation of water
	1.4 LOCATION OF THE WORKS Tongaat CHC: Co-ordinates; 29.5688° S, 31.1169° E
1.5 TEMPORARY WORKS All temporary work to comply with the Occupational Health and safety Act (Act 85 of 1993)	
2	<u>ENGINEERING</u>
	2.1 EMPLOYER'S/CONTRACTOR'S DESIGN Not applicable
	2.2 DESIGN BRIEF Not applicable
	2.3 DRAWINGS See list of Drawings/Annexures attached to this document

2.4 DESIGN PROCEDURES

Not applicable

3 PROCUREMENT

3.1 PREFERENTIAL PROCUREMENT PROCEDURES

This tender 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. Tenderders are referred to www.kzntreasury.gov.za for access to the relevant documents.

Tenderders are advised to familiarize themselves with the contents of the KwaZulu-Natal Supply Chain Management Policy Framework regarding Preference Point Systems, evaluation of tenders 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

Not applicable

3.4 PREFERRED SUBCONTRACTORS/SUPPLIERS

Not applicable

3.5 SUBCONTRACTING PROCEDURES

Not applicable

4 CONSTRUCTION

4.1 APPLICABLE SANS 2001 STANDARDS FOR CONSTRUCTION WORKS

The Contractor is referred to the "Model Preambles to Trades - 2008", any "Supplementary Preambles", the Electrical Specifications and Mechanical Specification for full descriptions of materials and methods referred to in these Bills of Quantities/Lump Sum documents, insofar as they apply. The Contractor is advised to study the "Standard Preambles to all Trades", any "Supplementary Preambles", the Electrical Specifications and Mechanical Specification, before pricing Bills of Quantities/Lump Sum documents.

Where the description in the Bills of Quantities/Lump Sum documents differ from those in the Standard Electrical Specifications, the descriptions in the Bills of Quantities/Lump Sum documents are to apply. No claim whatsoever will be allowed in respect of errors in pricing due to brevity of description of items in the Bills of Quantities/Lump Sum documents which are fully described when read in conjunction with the relevant Preambles and/or Specifications. Suppliers of materials and the like, whose quality systems apply with one or more of the SABS/SANS ISO 9000 Series should be used whenever possible in the absence of a particular SABS/SANS Specification Standard Mark.

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 tender 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 APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS

See above 4.1

4.3 PARTICULAR / GENERIC SPECIFICATIONS

The Contractor is referred to the following documents whether attached to this document or not:

<u>SPECIFICATION</u>	<u>PAGES</u>
Specification for HIV/AIDS Awareness (CIDB)	HIV1 TO HIV3
Specific Construction, Safety, Health and Environmental Plan	
Standard Preambles for all Trades (Rev 3) - DOH 2009	1 to 95
General Electrical Specification	E/1 to E/20
Lightning Protection Installation	LP/1 to LP/6

4.4 CERTIFICATION BY RECOGNIZED BODIES

Appointed consultants must be actively registered with their relevant professional discipline

4.5 AGRÉMENT CERTIFICATES

Not applicable

4.6 PLANT AND MATERIAL PROVIDED BY THE EMPLOYER

Not applicable

4.7 SERVICES AND FACILITIES PROVIDED BY THE EMPLOYER

None.

4.8 OTHER SERVICES AND FACILITIES

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.

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.

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.

5 MANAGEMENT

5.1 APPLICABLE SANS 1921 STANDARDS

SANS 876:2016 - Cable terminations and live conductors within air-filled enclosures (insulation co-ordination) for rated a.c. voltages from 7,2 kV up to and including 36 kV.

SANS 1874:2015 - Switchgear - Metal-enclosed ring main units for rated a.c. voltages above 1 kV and up to and including 36 kV.

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>																																																																	
	<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:</p> <table border="1" data-bbox="268 353 1455 757"> <thead> <tr> <th colspan="3">CURRENT YEAR</th> <th>YEAR + 1</th> <th>YEAR + 2</th> </tr> </thead> <tbody> <tr><td>January</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>February</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>March</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>April</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>May</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>June</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>July</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>August</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>September</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>October</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>November</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>December</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr> </tbody> </table>	CURRENT YEAR			YEAR + 1	YEAR + 2	January	w/days	3	3	3	February	w/days	3	3	3	March	w/days	3	3	3	April	w/days	3	3	3	May	w/days	3	3	3	June	w/days	3	3	3	July	w/days	3	3	3	August	w/days	3	3	3	September	w/days	3	3	3	October	w/days	3	3	3	November	w/days	3	3	3	December	w/days	3	3	3
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5.3	<p>MANAGEMENT MEETINGS</p> <p>In order to facilitate the smooth functioning of the Works and to ensure the closest co-operation between all the parties concerned, the Employer will call for regular meetings to be held on the site, at which a senior member of the Contracting firm and the General Foreman of the Works will always be required to be present. In addition to the above, other persons will be required to attend these meetings as and when their presence is necessary, e.g., Consultants in all disciplines, representatives of the various Sub-Contractors, etc. Proper minutes of these meetings will be kept by the Employer/Principal Agent and copies will be circulated to all persons attending the meetings and to others who need to be kept informed.</p>																																																																	
5.4	<p>FORMS FOR CONTRACT ADMINISTRATION</p> <p>The Employer shall provide all necessary forms.</p>																																																																	
5.5	<p>ELECTRONIC PAYMENTS</p> <p>The Contractor shall provide all required information to the Employer to facilitate electronic payments upon request.</p>																																																																	
5.6	<p>DAILY RECORDS</p> <p>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.</p>																																																																	
5.7	<p>BONDS AND GUARANTEES</p> <p>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.</p>																																																																	

5.8	<p>PAYMENT CERTIFICATES</p> <p>Requirements will be in accordance with the Employers prescriptions.</p>
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"> - Electrical Compliance Certificate - Lightning Certificate - Electrical and Mechanical test certificates - SANS 10400-A:2010 compliance certificates - Latest National Building Regulation - Asbestos removal compliance certificates
5.11	<p>INSURANCE PROVIDED BY THE EMPLOYER</p> <p>Not Applicable</p> <p><u>SECTION 2</u></p> <p><u>SPECIFICATION DATA ASSOCIATED WITH SANS 1921-2004</u></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>The requirements for drawings, information and calculations for which the Contractor is responsible are:</p> <hr/> <p>The responsibility strategy assigned to the Contractor for the works is:</p> <p>Strategy A</p> <p>The structural engineer is:</p> <hr/> <p>Drawings & other info are to be submitted in accordance with the contractors programme</p> <p>Not applicable</p>

4.3	<p>The planning, programme and method statement are to comply with the following:</p> <p>N/A</p>
4.12.1	<p>Samples of materials</p> <p>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: TBC</p>
4.12.2	<p>Fabrication drawings that the contractor is to provide to the employer are:</p> <p>None</p>
4.12.3	<p>Office accommodation, equipment, accommodation for site meetings and other facilities for use by the employer and his agents are:</p> <p>OFFICE FOR FOREMAN</p> <p>Provide, erect, maintain and remove at completion a suitable temporary office for the Contractor or his Foreman, perfectly secured, lighted and ventilated and having a desk with drawers.</p> <p>TELEPHONE</p> <p>The Contractor shall provide a telephone on the site for the use of the Contractor and all Sub-Contractors for the duration of the Contract, and must make the necessary application for connection, give all notices and pay all fees, rentals and charges for the service and also for all calls.</p> <p>OFFICE FOR INSPECTOR OF WORKS</p> <p>Provide, erect, maintain and remove at completion a well constructed temporary office for the Inspector of Works not less than 4 x 3 m on plan and 3 m high to eaves to the approval of the Employer. The office shall be constructed of wood framing covered externally with corrugated iron or corrugated asbestos and with a lean-to roof covered with the same material as the external wall covering. The office shall be lined internally with soft board or other approved material and a ceiling shall be provided of the same material as the internal lining. A suspended wood floor shall be provided and is to finish not less than 300 mm above the ground level. A lockable door and a window, which provides adequate light and ventilation, shall be fitted. An office constructed of 115 mm thick brick-work and provided with a screeded concrete floor and roofed and ceiled as above described may be accepted as an alternative but prior permission of the Employer will be necessary before construction of such an office is commenced and his requirements shall be stated and fulfilled by the Contractor. The office shall be fitted in an approved manner with a sloping topped desk of height and length suitable for the laying out and studying of drawings, a desk or table with not less than two lock-up drawers, shelves, seating and wash-stand, and the Contractor shall provide all necessary attendance.</p> <p>TELEPHONE IN OFFICE FOR INSPECTOR OF WORKS</p> <p>The Contractor shall arrange for the installation of a lockable telephone in the Office for the Inspector of Works for the duration of the Contract. The Contractor will be required to make the necessary application for connection and give all notices on behalf of the Employer. The Employer will, however, be responsible for the direct payment of all fees, rentals and other charges by Telkom for the service for the Inspector of Works and for all calls made from this telephone.</p>

	<p>SHED</p> <p>Provide, erect, maintain and remove at completion, ample temporary sheds for the proper storage of materials and for the use of the workmen, and remove when no longer required.</p>
<p>4.14.6</p>	<p>The requirement for provision and erection of signboards are:</p> <p>Supply, erect, maintain and remove at completion a painted notice board, size overall 2800 x 2345 mm high sign written to detail as Drawing No. T9506 which drawing is available from offices of the Department of Public Works. Only the official notice board is to be displayed on the site and no Sub-Contractor's boards will be permitted. The Contractor, at his own cost, may provide a board on which all sub-contract firms' names may be sign written. The notice board is to be to the approval of the Employer and is to be maintained in first class condition and placed where directed at the entrance to the site and remain there for the duration of the Contract.</p>
<p>4.17.1</p>	<p>Requirement for the termination, diversion or maintenance of existing services:</p> <p>Should the Contractor come in contact with any underground cables or pipes during excavations, immediate notification must be made to the Employer and all work in the vicinity of such cables, pipes, etc., shall cease until authority to proceed has been obtained from the Employer. Should the Contractor damage underground cables or pipes resulting in a disruption of services to an existing institution such damage shall be repaired immediately.</p>
<p>4.17.3</p>	<p>Services which are known to exist on the site:</p> <p>Investigate and provide detail drawings.</p>
<p>4.17.4</p>	<p>Requirement for detection apparatus</p> <p>None</p>
<p>4.18</p>	<p>ADDITIONAL HEALTH AND SAFETY REQUIREMENTS ARE:</p> <p>By the submission of a tender, any Tenderer will, if awarded the contract to which this tender document relates, be deemed to be the mandatory as envisaged by Section 37 (2) of the Act. As a mandatory the successful Tenderer 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 tender 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>Tenderers are advised that it is a Condition of this Tender that a 'Construction Phase Safety, Health and Environmental Plan' specifically relates to the project for which tenders are being submitted and must be prepared by the Tenderer and submitted with the other tender documents at the time of tender. Failure to do so will</p> <p>Tenderers are therefore advised to study the 'Construction Safety, Health and Environmental Specification' which is issued as part of this tender document, the Model Preambles to Trades - 2008, any project Specification included in this tender document and any and all drawings which are referred to and issued as part of this tender document before preparing their own project specific 'Construction Phase Safety, Health and Environmental Plan'. Tenderers are also advised that such a plan which is submitted with a tender but is incomplete or considered inadequate by the Employer or his Representative will invalidate the tender.</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>
<p>4.22</p>	<p>WORK BY NOMINATED AND SELECTED SUBCONTRACTORS COMPRISE:</p> <p>List of applicable sub-contractors to be compiled post award.</p>

G3.2 - 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.

- 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.

G3.3 - HIV/STI COMPLIANCE REPORT

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

Project Code:

Payment Claim number:

Period covered by payment claim:

1. Distribution of condoms (briefly describe where and how condoms are distributed).

2. Posters / pamphlets (briefly describe where posters were placed / how pamphlets were distributed).

3. Voluntary testing (briefly describe the actions taken / information provided to promote testing).

4. Counselling, support and care (summarise information provided).

5. HIV awareness programme (briefly describe action).

6. Schedule of construction workers exposed to the HIV awareness programme.

Name	<u>Identity number</u>	<u>Trade / occupation</u>	Name of <u>employer</u>

I hereby declare the above to be a true reflection of actions taken to ensure compliance with the specification.

For Contractor:

Employer's representative:

Name: _____

Name: _____

Signature: _____

Signature: _____

Date: _____

Date: _____



Tongaat CHC - Installation of 20kl Elevated Water Tank

PART C4. SITE INFORMATION

C4.1 SITE INFORMATION GCC FOR CONSTRUCTION WORKS (2 Edition of 2010)			
Project title:	Tongaat CHC - Installation of 20kl Elevated Water Tank		
Tender No.		Project Code:	N/A
C4.1 Site Information			
C4.1	GENERAL		
(a)	Tongaat CHC: 29.5688° S, 31.1169° E		
(b)			
(c)			
C4.2	GEOTECHNICAL INVESTIGATION REPORT		
(a)	Not applicable		



Tongaat CHC - Installation of 20kl Elevated Water Tank

PART C5 - DRAWINGS / ANNEXURES

ANNEXURES	
Annexure 1	Standard Preambles for all Trades (Rev 3) - DOH 2009
Annexure 2	General Electrical Specifications
Annexure 3	Lightning Protection Specifications
Annexure 4	Map of Tender submission location
Annexure 5	Joint Venture Agreement
Annexure 6	Health and Safety Specification
Annexure 7	Health and Safety Bill of Quantities
Annexure 8	Builders Lien Agreement
Annexure 9	Geotechnical Investigation Report (If applicable)
Annexure 10	EPWP Employment Contract
Annexure 11	Attendance Register - Infrastructure and Other projects
Annexure 12	EPWP Data Collection tool for Phase 3 system



Tongaat CHC - Installation of 20kl Elevated Water Tank

ANNEXURES

Annexure 6 - Health and Safety Specifications

Baseline Risk Assessment



KWAZULU-NATAL PROVINCE

HEALTH REPUBLIC OF SOUTH AFRICA

1. Introduction

The Department of Health Kwa Zulu Natal enters into contracts with Contractors for the installation of water tank at Tongaat CHC. 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/Contractor for the management of Health and Safety on the Health care facilities.

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 Principle Contractor will be required to submit a 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

For the purpose of the OHS Specification, the abbreviations and definitions given hereunder shall apply and the reference to on gender will also apply to the other gender.

“Client” means KZN Department of Health

“Agent” means a competent person who acts as a representative for a Client

“CR” refers to the Construction Regulations 2014

“OHS” means Occupational Health and Safety

“DoL” refers to the Department of Labour

“DOH” refers to the Department of Health

“NIHL” refers to the Noise Induced Hearing Loss Regulations

“HCS” refers to the Hazardous Chemical Substances Regulations

“GSR” refers to the General Safety Regulations

“GAR” refers to the General Administrative Regulations

“FR” refers to Facilities Regulations

“PPE” means Personal Protective Equipment

“MSDS” means Material Safety Data Sheets

“EIR” refers to the Electrical Installations regulations

“EMR” refers to Electrical Machinery Regulations

“ERW” refers to Environmental Regulations for Workplaces

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

“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.

“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

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

“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

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

“OHS File” means a file or other record containing information in writing required by Construction Regulations

3. Principal Contractor Requirements

3.1 Section 37(2) (Legal) Agreement

A section 37(2) agreement must be signed between DOH and the principal contractor at the time of awarding the contract. The principal contractor must ensure that a section 37(2) agreement is compiled between the principal contractor and all their appointed contractors for the contract.

The original copy of the section 37(2) agreements must be retained by the contractor and a copy retained by the responsible Project Manager. A copy all the agreement must form part of the respective contractor's OHS file.

3.2 Notification of Construction Work

The principal contractor must notify the relevant provincial director of the Department of Labour (DoL) of the intention of carrying out any construction work as defined in Construction Regulations 3.

A copy of the notification letter sent to the DoL shall be forwarded to the project manager on the same day as sent to the DoL. A copy of the letter and their approval must be kept in the OHS file.

3.3 Occupational Health and Safety (OHS) Act

The Principal contractor and contractor shall have an up to date copy of the OHS Act and regulations at all work sites which will be available to all employees.

3.4 OHS Policy

Principal Contractor and all appointed contractors shall have an OHS Policy. The policy must be signed by the organisation's CE or the appointed assistant to the CE Section 16(2). Where possible, the policy must be displayed in a prominent place within the workplace. A copy of the policy shall be kept in the OHS file.

3.5 Letter Of Good Standing

The principal contractor and all his/her appointed contractors shall be registered with an appropriate employment compensation commissioner and have available a valid letter of good standing from such commissioner. The obligation lies with the contractors to ensure that the letter of Good standing remains valid throughout the contract period. A copy of the letter must be filed in the contract OHS file.

3.6 OHS Plan

The Principal Contractor must provide a suitable, sufficiently documented and coherent site specific OHS plan based on the Client Specification. The plan must be applied from the date of commencement of and the duration of the construction work and which must be reviewed and updated as work progresses.

The contents of the OHS plan shall include but not limited to the following:

- Brief description and duration of the project
- Letter of good standing
- Health & Safety policy
- Covid-19 management
- Incident management
- Waste management
- Baseline risk assessment
- Relevant checklists and registers
- Preliminary induction program
- Site specific organogram
- Public safety management
- First aid
- House keeping
- Personal Protective Equipment and clothing
- Safety monitoring
- Site rules
- Site access
- Restrictions
- Communication

- Toolbox talks
- Proof of competency for the following legal appointees:- Construction Manager; Construction Supervisor; Construction OHS Officer; Risk Assessor; Incident investigator; First Alder; Scaffold erector and inspector; and any other relevant appointees made under this project.

3.7 Management & Supervision of Work

Construction Manager: The Principal Contractor shall appoint in writing a full time competent person as construction manager with the duty of managing all the construction work on a single site, including the duty of ensuring Occupational Health & Safety compliance and in the absence of a manager an alternative must be appointed. The appointed construction manager may not manage any construction site other than the site in respect of which he or she has been appointed.

Construction Health & Safety Officer: The construction manager must in writing appoint a full time/Part time Safety Officer to assist in the control of all OHS related aspects in the site. The appointed Safety Officer shall be registered with the CPCMP or has proof of application for registration to the said body; furthermore, he/she must have 2 years relevant experience.

Construction Supervisor: The construction manager must in writing appoint construction supervisors responsible for construction activities and ensuring OHS compliance on the site.

3.8 Risk Assessment for Construction Work

The principal contractor must, before the commencement of any construction work and during such construction work, have risk assessments performed by a competent person appointed in writing, which risk assessments form part of the OHS plan to be applied on site. 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.

The principal contractor shall comply with the requirements of CR 9

3.9 Fall Protection

The principal contractor must designate a competent person to be responsible for preparation of a fall protection plan. The fall protection plan shall be implemented and reviewed accordingly. Fall protection plan must be specific to the work that is being conducted.

The principal contractor must comply with the requirements of CR 10

3.10 Construction Vehicles and Mobile Plant & Transportation

All motor vehicles driven / operated by contractors within the project shall, in all respects, comply with the National Road Traffic Act. Designated drivers shall be in possession of the relevant driver's licence, valid for the class of vehicle. Contractors must maintain their vehicles in a roadworthy condition and ensure a vehicle license is valid. Contractor vehicles can be subject to inspections by the Client/Agent's representative. Vehicles which are not roadworthy will not be permitted to be used on the project. The principal contractor must comply with the requirements of CR 23

3.11 Transportation of workers

Contractors shall not transport persons at the back of a truck/LDV except if a proper canopy and suitable seating has been provided. Contractors shall not transport persons together with goods or tools unless there are appropriate areas or sections of the vehicle in which such goods or tools are stored.

3.12 Housekeeping & General safeguarding on construction site

The principal contractor shall maintain a high standard of housekeeping within their sites for the duration of the project. Prompt disposal of waste materials, scrap and rubbish is essential. Materials/objects shall not be left unsecured in elevated areas –falling objects may cause serious injuries/fatalities.

The principal contractor must comply with the requirements of CR27 and ERW

3.13 Stacking and Storage on Construction Sites

The principal contractor must comply with the requirements of GSR 8 and CR 28

3.14 Fire Precautions on construction sites

The principal contractor must comply with the requirements of ERW 9 and CR 29

3.15 Construction Employees Facilities

The principal contractor must provide at or within reasonable access of every construction site the following clean, hygienic and maintained facilities:

- (a) Shower facility
- (b) at least one (1) sanitary facility for each sex and for every 30 workers
- (c) Changing facility for each sex and
- (d) sheltered eating areas

The principal contractor must comply with the requirements of CR 30 and FR

3.16 Emergency management

The art of emergency preparedness and response is to minimise the effects of any emergency and to restore normal activities as soon as practical. The Principal Contractor, together with his appointed contractors, shall develop their own emergency response plan for both their worksites and offices. Periodic emergency drills must be undertaken to test the effectiveness of the plan. This must be recorded and provided on request.

3.17 First Aid Facilities

The principal contractor must appoint in writing a competent first aider trained to level 2. A first aid box depending on the number of people on site must be provided and inspected on a monthly basis. A list of emergency numbers must be posted at phones and in all offices and available in vehicles if practicable. All first aid incidents must be reported to the project manager and OHS department.

The principal contractor must comply with the requirements of GSR 3

3.18 Medical Certificates

The principal contractor must ensure that all employees have valid medical certificates. DOH will only accept medical certificates conducted by an Occupational Health Practitioner. The principal contractor shall provide a documented process for managing those employees who are issued with a conditional certificate of fitness.

3.19 Induction training

The principal contractor shall ensure that all employees undergone the project safety induction programme prior to commencing work on site. Attendance registers must be completed of any induction training given, which must indicate that they are receiving and understanding the induction training

3.20 Tool box talks / pre job meetings

A meeting must be held prior to the commencement of the day's work with all relevant personnel associated with the work task in attendance. The job, relevant procedures, associated hazards, safety measures, i.e., the task risk assessments shall be discussed. Each employee who attends the briefing shall sign an attendance list of that pre-job brief form undertaking that they have an understanding of the tasks, risks and control measures required.

Where possible, tool box talks can be included in the pre-job brief meetings. If this does not occur, then weekly tool box talks must be conducted. The toolbox talk topics will be based on OHS issues pertaining to the construction site and or the project. The topic contents shall be in writing. Attendance registers with the topic listed shall be kept.

3.21 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.

3.22 Incident Management

The principal contractor must have a detailed; clearly defined incident management procedure. A competent person to investigate incidents must be appointed in writing. All incidents including near misses shall be reported to the DOH OHS & Project Manager before the end of the shift. All incidents shall be reported and investigated in terms of the section 24, 25, GAR 8 and 9 of the OHS Act. Copies of the investigation reports must be filed in the OHS file. A comprehensive and detailed investigation report shall be submitted to the OHS Department & Project manager within 14 days after the incident

3.23 Personal Protective Equipment

The principal contractor must provide free of charge all the necessary PPE required for the task. A detailed programme for issuing, maintenance and replacement of PPE shall be provided by the principal contractor. PPE must comply with the PPE requirements as per the SABS. All employees must be trained on the correct use of PPE. Monthly PPE inspections must be conducted. Employees must sign an undertaking to wear such PPE as supplied to them. A PPE issuing register shall be kept in the OHS file

3.24 Environmental Management

The principal contractor must prevent environmental degradation throughout the project. Thee contractor must provide an environmental management plan detailing what actions will be taken for the activities to ensure environmental impact is avoided and or reduced. Where hazardous waste is generated, a record for its disposal shall be kept on file. All waste must be disposed in a registered waste disposal site. The principal contractor must comply with the requirements of HCS regulations

3.25 Audits

The principal contractor's OHS Plan will be audited as to confirm compliance to the requirements in the OHS specification. Once there is compliance only then will the principal contractors SHE plan be approved by the OHS department and or project manager. The implementation of the SHE Plan will be audited by Client or its agent on a monthly basis.

Note: DOH/the client reserves the right to conduct unannounced audits on contractors

3.26 OHS File

A SHE file means a file or other record in permanent form, containing the information about the safety and health management system during construction and all information relating to the post-construction phase after handover to the client, so that the client can maintain the works in a healthy and safe way. The principal contractor is required to keep a SHE file on every project site.

The sequence of filing the documentation must be kept in the same sequence as listed in this SHE specification. Each record shall be separated by partitions to afford easy identification and access. Each partition must be labelled. On completion of the construction work/project, the principal contractor must hand over a consolidated safety and health file to the project manager. The principal contractor must also hand over all drawings, designs,

lists of materials used, and other applicable information about the completed structure, as well as the list of subcontractors, the agreement, and the type of work completed

3.27 Appointment of a Principal Contractor

The principal contractor will be appointed by DOH on the awarding of the contract and will be responsible and accountable for all legislative and DOH requirements for the duration of the contract. Principal contractor shall not commence with the project work until such times as he/she has been appointed in writing in terms of OHS Act Construction Regulation 5(1) (k),

3.28 Appointment of contractors

The principal contractor may appoint contractors to assist in the contract. All appointments shall be done in writing and will form part of the SHE plan. Adequate training and instruction must be given to the appointees and the principal contractor must ensure that all appointed contractors understand their roles and responsibilities.

3.29 Principal Contractor Organogram

The principal contractor must provide an organisational organogram related to this contract, depicting all the levels of responsibility from the CE down to the supervisors responsible for the contract. The relevant positions held names of appointees and legal appointments must be listed. The principal contractor must ensure that all appointed contractors comply with this requirement. The principal contractor is responsible for keeping copies of all of the organograms' as well as submitting them with the OHS plan. All organograms' shall be updated timeously when appointments are changed. This diagram must be kept up to date and filed in the project OHS files.

3.30 Legal & Other Appointments

The principal contractor must make the relevant legislative and non-statutory appointments, which will be required to remain valid throughout the life of the project. The responsibilities of the individual appointments made must reflect the requirements as listed in the respective Acts and form a part of the appointment. Appointees shall be suitably trained and found to be competent for the responsibilities assigned. Copies of all the appointments must be kept in the OHS file.

4. Management of COvid-19

4.1 Covid- 19 Documentation

The principal contractor shall develop a policy on COvid-19; signed by CEO

Covid-19 prevention and management plan must be developed

Conduct a risk assessment to determine exposure to Covid-19

Daily Safety Task Instructions (DSTI's) shall include Covid-19.

4.2 Hand washing facilities

Construction sites must be equipped with hand washing facilities at the usual welfare facilities.

Ensure soap and fresh water is readily available and kept topped up at all times.

Ensure regular cleaning of hand wash facilities and provide adequate bin for disposal of hand paper towels with regular disposal.

Hand washing techniques posters shall be posted around the hand washing facilities

Hand sanitising agents must also be placed at strategic areas

4.3 Medical Certificates of Fitness

Principal contractor shall keep copies of employee's medical certificates of fitness on site safety file.

Having studied the medical certificates of all employees; the principal contractor must ensure that high risk employees are managed accordingly i.e. employees with underlying medical conditions

4.4 Screening

The principal contractor must ensure that all personnel accessing their sites are screened.

All cases referred for testing shall be reported to relevant Department of Health's project manager.

4.5 Travel to site

The principal contractor shall arrange safe transportation of employees to and from site.

Ensure that vehicles are disinfected on daily basis.

Where single occupancy of vehicle is not practicable; employees shall sit as far apart as the vehicle allows; and all windows must be kept open.

8.6 Eating Areas

The principal contractor must ensure that there are dedicated eating areas for employees.

Ensure that eating areas are kept in a hygienic condition and disinfected after use.

The contractor shall stagger breaking times to reduce congestion and contact.

Employees shall be encouraged to follow the acceptable social distancing measures and seating arrangements must be as such.

Hand washing facilities and or sanitisers must be provided in these areas.

8.7 Changing facilities

The principal contractor shall introduce staggered start and finish times to reduce congestion and contact at all times.

Changing facilities shall be cleaned and disinfected regularly.

Based on the size of each facility; the contractor shall determine how many people can use a changing facility at any one time to maintain the acceptable distance

8.8 Avoiding close working

There will be circumstances where it is not possible or safe for employees to distance themselves from each other by the acceptable distance.

Principal contractor shall ensure that where the acceptable distance is not practicable:-

- employees have no symptoms of Covid-19;
- allow only 1 person per m²
- PPE is worn correctly and is in line with risk assessment and
- Supervision is maintained throughout the activity.

4.9 Deliveries

All personnel delivering equipment and material to site shall be subjected to screening.

Equipment and materials delivered on site must be disinfected at a designated decontamination area to avoid transition of the virus.

4.10 Personal Protective & Equipment Clothing

Personal protective equipment & clothing refers to a variety of barriers, used alone or in combination, to protect against hazardous agents in the environment.

The principal contractor shall ensure that his employees and sub-contractor employees are issued with suitable PPE and that PPE is worn at all times and in a correct manner

Ensure that used PPE is disposed of in an acceptable manner.

4.11 Training & awareness

The principal contractor shall ensure continuous training and awareness on Covid-19 and measures that can be used to minimise the spread

Training to include but not limited to:-

Cough etiquette; social distancing; Hand washing; Screening station;

Correct use and disposal of PPE

Reporting of symptoms to the employer ; Any other topic relevant to the pandemic.

4.12 Cleaning Procedures

The principal contractor shall establish adequate cleaning and disinfection procedures and intervals thereof.

This includes but limited to:-

- cleaning to prevent contamination
- taps and hand washing facilities; toilet flush and seats
- door handles; handrails on staircases and corridors

- lift and hoist controls
- machinery and equipment controls; keyboards; photocopiers and other office equipment

5. 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)

6. 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 elevated water tanks: Tongaat CHC** 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



health
 Department:
Health
PROVINCE OF KWAZULU-NATAL

Baseline Risk Assessment: TONGAAT CHC: SUPPLY AND INSTALLATION OF 20 KL ELEVATED WATER TANK. 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
Site establishment	Vegetation clearing (Manual)	Snakes	Snake bites	Safety	Health	Environmental	Proper Risk assessment Method statements Adequate	Contractor
		Insects	Insect bites		Skin infections	Land pollution		
		Poisonous vegetation	Skin rashes. Death		Dust inhalation			
		Extreme weather	Heat & cold					

	conditions					supervision		
	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	Muscular strains Hand injuries Cuts; abrasions Bruises Fractures	Injuries Fractures			Supervision HIRA Method statement Training proper	Contractor

			Tripping Hidden services	electrocution					barricading PPE Service detection	
	Electrical connection to the site office	Electricity Sharp edges Poor working postures	Electrocution; death Cuts Muscular pains	Injuries Electrocution					Supervision 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

Earthworks	Trenching	Mechanical Excavation	Driven machinery		Availability of	Contractor
		Hand excavation	Use of hand tools Awkward postures		Driven machinery competency certificate Medical fitness HIRA Vehicle and tool inspections Supervision Signage Barricade Trench inspections Availability of geotechnical reports (Where required)	

Concrete works	Concrete mixing	Cement dust Awkward postures hand tools	Hand injuries	Respiratory irritation Musculoskeletal disorders			HIRA Supervision Tool inspections PPE Medical fitness MSDS communication	Contractor
Elevated tank installation	Tank elevation	Working at heights Use of crane	Fractures Falls off the crane Fractures Property damage				HIRA WAT Competency certificates for crane driver Medical certification Supervision	Contractor

Pipe works	Pipe laying & connection	Dust Hand tools Awkward postures	Hand injuries	Respiratory irritation Musculoskeletal problems			HIRA Supervision PPE Medical certification Tool inspections	Contractor