

**PROVINCIAL ADMINISTRATION OF KWAZULU-NATAL**  
**Department of Health**



**health**

**Department:**  
**Health**  
**PROVINCE OF KWAZULU-NATAL**

**PROVISIONAL BILLS OF QUANTITIES**

with GCC for Construction Works - Second Edition 2010

**CONTRACTUAL SECTION**  
**ONE VOLUME APPROACH**  
**SECTION 2 OF 2**

**KWAZULU NATAL: DEPARTMENT OF HEALTH:**  
**DANNHAUSER COMMUNITY HEALTH CENTRE: STRUCTURAL REPAIRS**

**Civil Engineer / Structural Engineer/Principal Agent**

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**Employer:**

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KwaZulu Natal Department of Health  
Private Bag X 9041  
**PIETERMARITZBURG**  
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Tel Number: 033 -341 7000  
Fax Number: N/A

**Quantity Surveyor**

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Vryheid  
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034 - 983 2836 - Fax Number  
vanniekerk@proqs.co.za

**Province:**

Department of Health , Central Supply Chain  
KwaZulu Natal Department of Health  
Private Bag X9041  
**Pietermaritzburg**  
3200  
Tel Number: 033 -341 7000  
Fax Number: N/A

Tender Number: ZNB 5469/2021-H  
CIDB Grading: 7GB  
ECDP Number:

Project Code: 31011048  
Document Date: 05 November 2021  
Contract Period: 18 Calendar Months

Contracting Party: \_\_\_\_\_  
CIDB Registration number: \_\_\_\_\_  
Central Suppliers Database Registration Number: \_\_\_\_\_

**KWAZULU NATAL: DEPARTMENT OF HEALTH: DANNHAUSER COMMUNITY HEALTH  
 CENTRE: STRUCTURAL REPAIRS**



**health**  
 Department:  
 Health  
 PROVINCE OF KWAZULU-NATAL

**SECTION 1 OF 2**  
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### **IMPORTANT NOTICE TO TENDERES**

Any reference to words Tender or Tenderer herein and/or in any other documentation shall be construed to have the same meaning as the words Tender or Tenderer. These forms are for internal and external use for the KwaZulu Natal Department of Health, Provincial Administration of KwaZulu-Natal.

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

No alternative Tenders will be accepted.

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

"Enterprise" shall mean the legal Tendering Entity or Tenderer who, on acceptance of the Offer, would become the contractor"



**health**

Department:  
Health  
PROVINCE OF KWAZULU-NATAL

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**KWAZULU NATAL: DEPARTMENT OF HEALTH: DANHAUSER COMMUNITY HEALTH CENTRE:  
STRUCTURAL REPAIRS**

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**THE CONTRACT**



**KWAZULU NATAL: DEPARTMENT OF HEALTH: DANNHAUSER COMMUNITY HEALTH CENTRE:  
STRUCTURAL REPAIRS**

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**C1 - AGREEMENT AND CONTRACT DATA**



**DEPARTMENT OF HEALTH: PIETERMARITZBURG DANNHAUSER COMMUNITY HEALTH  
CENTRE: STRUCTURAL REPAIRS**

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**FORM OF OFFER AND ACCEPTANCE**

## FORM OF OFFER AND ACCEPTANCE

Tender No - ZNB 5469/2021-H



**health**  
Department:  
Health  
PROVINCE OF KWAZULU-NATAL

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**KWAZULU NATAL: DEPARTMENT OF HEALTH: DANNHAUSER COMMUNITY HEALTH CENTRE:  
STRUCTURAL REPAIRS**

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### C.1.1 - FORM OF OFFER AND ACCEPTANCE

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

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





**DEPARTMENT OF HEALTH: PIETERMARITZBURG DANNHAUSER COMMUNITY HEALTH  
CENTRE: STRUCTURAL REPAIRS**

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**C1.2 - CONTRACT DATA**

<b>C 1.2 CONTRACT DATA:</b> with GCC for Construction Works - Second Edition 2010	
<b>CONTRACT DATA FOR:</b>	
<b>KWAZULU NATAL: DEPARTMENT OF HEALTH: DANNAUSER COMMUNITY HEALTH CENTRE: STRUCTURAL REPAIRS</b>	
Tender no: <b>ZNB 5468/2021-H</b>	
The General Conditions of Contract are the clauses contained in the General Conditions of Contract (2010) (Second Edition) published by the South African Institution of Civil Engineering. Copies of these conditions of contract may be obtained through most regional offices of the South African Institution of Civil Engineering, telephone number 011 805 5947 or by visiting their website at <a href="http://www.saice.org.za">www.saice.org.za</a> .	
<b>CONTRACT SPECIFIC DATA</b> The following contract specific data are applicable to this contract:	
<b>CONTRACT VARIABLES</b>	
This schedule contains all variables specific to this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the Tender documents. Both the pre-tender and post-tender categories form part of this agreement.	
Spaces requiring information must be filled in, shown as 'not applicable' or deleted but not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross referenced to the applicable clause of the schedule. Key cross reference clauses are italicised in [ ] brackets.	
The Engineer/Principal Agent, in accordance with Clause 1.1.1.16, shall obtain the specific approval from the Employer before executing any of his functions according to the "Conditions under which Consultants are appointed", or in the event where an employee of the Employer represents the Employer, the relevant General Delegations applicable at the time of executing his/her duties as described in Clause 3.1.2.	
Part 1: CONTRACT DATA PROVIDED BY THE EMPLOYER:	
PRE-TENDER INFORMATION	
CONTRACTING AND OTHER PARTIES	
(1.1.1.15)	Employer: Head: Health (KwaZulu Natal Department of Health: Province of KwaZulu-Natal) Postal address: Private Bag X 8041 PIETERMARITZBURG 3200 Tel: 033 -341 7000 Fax: N/A
(1.2.1.2)	Physical address: 310 Jabu Nalovu Street PIETERMARITZBURG 3200
(1.1.1.16)	Employers Agent 1 HSC Consulting Agent's service: Civil / Structural Engineer Postal address: P.O. Box 11106 Southernwood 5213 Tel: 043 743 9528 Fax: 043 743 5347
	Employers Agent 2 ProQS Vryheid Agent's service: Quantity Surveyor Postal address: P.O. Box 1546 Vryheid 3100 Tel: 034 - 863 2213 Fax: 034 - 863 2636
	Employers Agent 3 [Agents Name] Agent's service: [Identify Agent's Service, eg. Engineer] Postal address: [P.O. Box number] [Name of town] [Code] Tel: [Tel Number including Area Code] Fax: [Fax Number including Area Code]

PART 1: DATA PROVIDED BY THE EMPLOYER	
(1.1.1.3)	<p><b>Defects Liability Period</b></p> <p>The defects liability period is: A time measured from the date of the Certificate of Completion.                      Defects Liability Period is 12 Months for the whole of the Works</p>
<b>Latent Defect Period</b>	
(5.16.3)	The latent defect period is: <b>10 years after the Final Approval Certificate</b>
<b>Documentation required before Commencement of the Works:</b>	
(5.3.1)	The documentation required before commencement with the Works execution are:
(4.3)	<p><b>Health and Safety Plan</b></p> <p>The Contractor shall deliver his Health and Safety Plan of the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.</p>
(5.6)	<p><b>Initial Programme</b></p> <p>The Contractor shall deliver his programme of work within 14 calendar days after notice from the Employer, prior to the Commencement Date.</p>
(6.2)	<p><b>Guarantee</b></p> <p>The Contractor shall deliver his chosen Guarantee (security) for this Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.</p>
(8.6)	<p><b>Insurance</b></p> <p>The Contractor shall deliver his insurance for the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.</p>
	<p><b>Cash flow by contractor</b></p> <p>The Contractor shall deliver his Cash flow for the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.</p>
	<p><b>Priced Bill of Quantity</b></p> <p>The Contractor shall deliver his Priced Bills of Quantities with his tender at tender closing.</p>
	<p><b>Programme</b></p> <p>The Contractor is required to submit his Programme of Works in terms of Clause 5.6.1 and 5.3.1 and the Principal Agent is required to approve this within 7 days in terms of Clause 5.6.3</p>
	<p><b>Other requirements</b></p>
(5.3.2)	The time to submit the documentation required before commencement with Works execution is: <b>14</b> calendar days
<b>Non-Working days</b>	
(5.6.1)	<p><b>Non-Working days</b> Saturdays and Sundays</p> <p><b>Special non-working days</b> All Nationally Recognized Public Holidays and the year end break</p>
(5.6.1)	<p>First Year end break - commences <b>15-Dec-21</b>                      ends on <b>17-Jan-22</b></p> <p>Second Year end break - commences <b>15-Dec-22</b>                      ends on <b>10-Jan-23</b></p> <p>Third Year end break - commences <b>15-Dec-23</b>                      ends on <b>09-Jan-24</b></p> <p>Fourth Year end break - commences <b>15-Dec-24</b>                      ends on <b>08-Jan-25</b></p>
(3.1.3)	<p><b>Engineer/Principal Agent to consult with Employer</b></p> <p>The Engineer shall obtain the specific approval from the Employer before executing any of his functions according to the "Conditions under which Consultants are appointed", or in the event where an employee of the Employer represents the Employer, the relevant General Delegations applicable at the time of executing his/her duties.</p>
(6.2.1)	<p><b>Security</b></p> <p>The time to deliver the deed of guarantee is Prior to site hand over in terms of clause 5.3.1 and 5.3.2.</p>
(6.2.1)	Please see CONTRACT DATA - below to select Guarantee Option
<b>Commencement Date</b>	
Commencement date means the date of Site Hand over that should not occur prior to the Tenderer receiving one fully signed copy of the Offer and Acceptance in terms of the Form of Offer and Acceptance.	
<p>The Agreement comes into effect on the date where:                      The tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any)</p> <p>The agreement ("this document") consists of:                      1. Agreement and Conditions of Contract.                      2. Form of Offer and Acceptance.                      3. Contract Data.                      4. Scope of Works.                      5. Site Information.                      6. Drawings &amp; documents referred to in the 1 to 4 above.</p> <p>(See Form of Offer and Acceptance)</p>	
(5.3.1)	The contractor shall commence executing the Works within 7 calendar days from the Commencement Date.
(5.4.1)	Possession of the site will be given within 10 calendar days after the contractor has fulfilled the conditions (4.3, 5.6, 6.2, 8.6) and received the notification from the Employer of Site Hand Over where the contractor will receive one fully signed copy of the Form of Offer and Acceptance from the employer.
(5.6.1)	The Contractor shall deliver his programme of work within 14 calendar days after notice from the Employer, prior to the Commencement Date.

CONTRACT DETAILS													
[1.1.1.33]	Works description: Refer to document C3 – Scope of Work.												
[1.1.1.30]	Site description: Refer to document C4 – Site Information.												
Specific options that are applicable to a State organ only Where applicable:													
[11.10.6.2]	<p>1) Interest rate legislation: (a) In respect of interest owed by the employer, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and (b) In respect of interest owed to the employer, the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply</p> <p>2) Lateral support insurance to be effected by the contractor:</p> <table border="1"> <tr> <td>Yes</td> <td>No</td> <td>X</td> </tr> </table> <p>3) Payment will be made for materials and goods</p> <table border="1"> <tr> <td>Yes</td> <td>X</td> <td>No</td> </tr> </table> <p>4) Dispute resolution by litigation</p> <table border="1"> <tr> <td>Yes</td> <td>No</td> <td>X</td> </tr> </table> <p>5) Extended defects liability period applicable to the following elements:</p> <table border="1"> <tr> <td colspan="3">Building work, Electrical, Mechanical and Civil work</td> </tr> </table>	Yes	No	X	Yes	X	No	Yes	No	X	Building work, Electrical, Mechanical and Civil work		
Yes	No	X											
Yes	X	No											
Yes	No	X											
Building work, Electrical, Mechanical and Civil work													
[11.6.1.1.2]	The Value of material, supplied by the Employer, and not included in the Contract Price, is: R0,00												
[11.6.1.1.3]	The amount to cover Professional Fees, not included in the Contract Price, for repairing damage and loss to be included in the insurance: 30% of the Contract Price												
[11.6.1.3]	The limit for indemnity for liable insurance is: R80 million												
[11.5.1.2.3]	The percentage allowance to cover overhead charges for contractor and subcontractors, is: 33,30%												
[1.1.1.14]	<b>Practical Completion Date</b> The Practical Completion date is: A time measured from the Commencement date.												
[5.5.1]	For the works as a whole: The whole of the works shall be completed within: N/A Months (which shall be deemed to include all Non-Working Days, Special Non-Working Days and the year-end Builders Annual Industry Holiday Periods)												
[5.5.1]	The date for practical completion shall be: To be determined												
[5.13.1]	The penalty per calendar day shall be: 0,04% of the Contract Price, rounded to the nearest R10												
[5.5.1]	For the works in sections: The date for practical completion from the commencement date and the penalty per calendar day:												
[5.5.1]	Portion 1: Work Stage 1 to 12 & 54 to 59 - Zone 1, 2, 3a, 3b, 13a & 13b (Pharmacy, Administration, HASTI) 4 Calendar Months												
[5.13.1]	0,04% of the Contract Price, rounded to the nearest R10												
[5.5.1]	Portion 2: Work Stage 13 to 21 - Zone 4, 5a & 5b (Short Stay Ward, Casualty & Reception) 3 Calendar Months												
[5.13.1]	0,04% of the Contract Price, rounded to the nearest R10												
[5.5.1]	Portion 3: Work Stage 22 to 33 & 60 to 68 - Zone 6a, 6b, 7a, 7b, 14a, 14b & 15 (Maternity, Woman & Child Care, Domestic Services, Maintenance & Mortuary) 4 Calendar Months												
[5.13.1]	0,04% of the Contract Price, rounded to the nearest R10												
[5.5.1]	Portion 4: Work Stage 34 to 42 and 69 to 74 - Zone 8a, 8b, 9, 16a 16b (Radiology, Dentist, Rehabilitation, Additional Administration) 4 Calendar Months												
[5.13.1]	0,04% of the Contract Price, rounded to the nearest R10												
[5.5.1]	Portion 5: Work Stage 43 to 53 - Zone 10a, 10b, 11 & 12 (Common & Chronic Diseases, Counselling, TB & Infectious Diseases & Training Centre) 3 Calendar Months												
[5.13.1]	0,04% of the Contract Price, rounded to the nearest R10												
[5.5.1]	Portion 6: Work Stage 75 to 77 - Zone External Works, Contractual Requirements (Preliminaries) & Temporary Accommodation for Decanting purposes) 18 Calendar Months (Concurrent with Section 1, 2, 3, 4 & 5)												
[5.13.1]	0,04% of the Contract Price, rounded to the nearest R10												
[1.3.2]	The law applicable to this agreement shall be that of the: Republic of South Africa												
[11.10.1.5]	The percentage advance on materials not yet built into the Permanent Works is: 65,00%												
[11.10.3]	Percentage retention on amounts due to contractor is: The Percentage retention is nil. The only security required by the Employer will be such as selected by the Contractor on the Form of Offer and Acceptance and Part 2: CONTRACT DATA PROVIDED BY THE CONTRACTOR, point 2 - Documents, of the Contract Data. Maximum retention is: 0,00% of the Contract Price												
[11.6.1]	Notwithstanding anything to the contrary contained in the General conditions of Contract and Preliminaries, this contract could only, when the construction period exceeds 6 months and the contract exceeds R1,000,000.00, be subject to a Contract Price Adjustment Factor.												
[11.6.2]	Clause 6.8.2 the last part of the sentence saying "calculated according to the formula and the conditions set out in the Contract Price Adjustment Schedule." must be replaced by "calculated according to the Contract Price Adjustment Provisions (CPAP) Indices Application Manual for use with P0151 Indices (Revised 1 January 2013)" as published by Statistics South Africa. The Contract Price Adjustment Provision (CPAP) will be subject to the most recently released indices by Statistics South Africa. Tenderers are advised that with reference to Clause 3.4.6 of the Contract Price Adjustment Provisions (CPAP) Indices Applications Manual, the Head Public Works will not accept the submission by Tenderers of lists of additional items."												
[11.6.3]													
[11.6.2]	Where this contract is a Lump Sum contract, the contract will only be subject to Contract Price Adjustment Provisions (CPAP)(Revised 1 January 2013) where the contract period equals or exceeds 6 calendar months. The applicable work group shall be WG 180 for domestic buildings or WG 181 for commercial and industrial buildings only.												
[11.6.3]													

[5.14.5]	<p>The following clause must be added to clause 5.14.5:</p> <p>[5.14.5.6] The employers agent shall submit the final account within 3 calendar months to the principal agent.</p>
[10.5] [10.5.3] [10.9.1]	<p>The determinations of disputes shall be by ARBITRATION ONLY.</p> <p>The number of Adjudication Board Members to be appointed is: <span style="border: 1px solid black; padding: 0 10px;">One</span></p> <p>Replace the last part of the clause with the following: "...on the application of either party, by the Chairman, or his nominee of the Association of Arbitrators."</p>
	<p>Where CPAP is applicable, the contract sum will be adjusted in accordance with the Contract Price Adjustment Provisions (CPAP) as set out in the CPAP Indices Application Manual as published by Statistics South Africa, dated 1 January 2013 and any amendments thereto:</p> <ol style="list-style-type: none"> <li>1) Glass etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that work group unless specifically stated otherwise in the bills of quantities.</li> <li>2) In case of uninterruptible power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems shall be adjusted in accordance with Work Group 170.</li> <li>3) Further to clause 3.4.6 of the CPAP Indices Application Manual, the listing of additional items for exclusion by Tenderer's, will not be permitted.</li> </ol> <p>Alternative Indices: Not Applicable</p> <p>Details of changes made to the General Conditions of Contract for construction works (2010) Second Edition</p>
[1.1]	<p><b>Clause</b></p> <p>[1.1.1.5] COMMENCEMENT DATE – means the actual date of Site Hand over that should not occur prior to the Tenderer receiving one fully signed copy of the Offer and Acceptance in terms of the Form of Offer and Acceptance.</p> <p>[5.12.2.2] ABNORMAL CLIMATIC CONDITIONS - means conditions over and above what could reasonably be expected for the specific locality where the Works are being executed and include inter alia excessive rain, heat, cold, wind and any other climatic condition that would not normally be experienced during the season that the Works are executed in that area. The South African Weather Service's (<a href="http://www.weathersa.co.za">http://www.weathersa.co.za</a>) 10 year average climatic conditions statistics would be what could be reasonably expected for the specific locality where the Works are executed.</p> <p>[8.2.1] CONSTRUCTION GUARANTEE – means an on demand guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the Offer and Acceptance Form and the contract data.</p> <p>CONSTRUCTION PERIOD – means the period commencing on the commencement date and ending on the date of due completion date. This period will be deemed to commence on actual site hand over date to the contractor and end on the date of practical completion and shall include all annual industrial holiday periods, Sundays and public holidays.</p> <p>CORRUPT PRACTICE – means the offer, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.</p> <p>FINAL ACCOUNT - The document prepared by the principal agent, which reflects the contract value of the works at final approval or termination.</p> <p>FRAUDULENT PRACTICE – means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any Tenderer and includes collusive practice among Tenderers (prior to or after the Tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the Tenderer of the benefits of free and open competition.</p>
	<p>INTEREST – the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be in terms of the legislation of the Republic of South Africa, and in particular:</p> <ol style="list-style-type: none"> <li>(a) in respect of interest owed by the employer, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and</li> <li>(b) in respect of interest owed to the employer, the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply</li> </ol>
[1.1.1.16] [1.1.1.21]	<p>[1.1.1.16] ENGINEER/PRINCIPAL AGENT – means the person or entity appointed by the Employer and named in the Contract Data as the Engineer /Principal Agent to act as agent of the Employer. In the event of an Engineer/Principal Agent not being appointed, then all the duties and obligations of an Engineer/Principal Agent as detailed in the Contract shall be fulfilled by a representative of the Employer as named in the Contract Data. (Hereinafter referred to as Engineer)</p> <p>[1.1.1.21] GENERAL ITEMS - or preliminaries means items stipulated in the Pricing Data relating to general obligations, site services, facilities and/or items that cover elements of the cost of the work which are not considered as proportional to the quantities of the Permanent Works.</p>
[4.4.1] [6.2.1] [6.10.6.2]	<p>[4.4.1] Add the following to the clause 4.4.1: "The Contract shall only use subcontractors who are duly registered with the CIDB and who has an ACTIVE status at the time of submitting the Tender"</p> <p>[6.2.1] Refer to Offer and Acceptance form for the various options that the contractor may choose from in providing a form of Guarantee under "GUARANTEE OPTIONS".</p> <p>[6.10.6.2] Replace "at the prime overdraft rate, as charged by the Contractor's Bank," with "...at the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975)."</p> <p>Omit "...on all overdue payments from the date on which the same should have been paid..." and replace with "only after 30 calendar days from receiving written notice from the Contractor that the amount is overdue..."</p>
[5.12.3] [5.14.5.1]	<p><b>SPECIAL CONDITIONS OF CONTRACT</b></p> <p>Omit clause 5.12.3 and add the following:</p> <p>"5.12.3. If an extension of time is granted, the Contractor shall be paid such additional time-related General Items, including for special non-working days, if applicable as are appropriate regarding to any other compensation which may already have been granted in respect of the circumstances concerned. The reasons for extension of time that would invoke payment of time related General Items are inter alia:</p> <ol style="list-style-type: none"> <li>5.12.3.1 Failure to give possession of the site to the contractor.</li> <li>5.12.3.2 Making good physical loss and repairing damage to the works where the contractor is not at risk.</li> <li>5.12.3.3 Contract instructions not occasioned by default by the contractor.</li> <li>5.12.3.4 Failure to issue construction information in a timely manner or the late issue of a contract instruction following a request from the contractor.</li> <li>5.12.3.5 Late acceptance by the principal agent of a design undertaken by a selected subcontractor where the contractor's obligations have been met.</li> <li>5.12.3.6 Suspension or cancellation/termination invoked by a nominated or selected r/a subcontractor due to default by the employer or the principal agent.</li> <li>5.12.3.7 Insolvency of a nominated subcontractor.</li> <li>5.12.3.8 A direct contractor.</li> <li>5.12.3.9 Opening up and testing of work and materials and goods where such work is according to in accordance with the contract documents.</li> <li>5.12.3.10 The execution of additional work for which the quantity included in the bills of quantities is not sufficiently accurate.</li> <li>5.12.3.11 Late or failure to supply materials and goods for which the employer is responsible.</li> <li>5.12.3.12 Suspension of the works."</li> </ol> <p>Omit entire clause 5.14.5.1</p>

[5.16.4]

Add the following new clause "5.16.4. Upon the issue of a Final Approval Certificate, unless otherwise provided in the Contract: 5.16.4.1. The performance Guarantee (if any) shall be returned within 14 days to the guarantor in terms of Clause 7."

[6.2.2]

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

[6.2.3]

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

[8.3.2.2]

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

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

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

**MANAGING PROJECT DURATION**

- (a) The Contractor shall co-ordinate his programme with all other contractors whose work may precede or be executed simultaneously to his own. The Contractor will be called upon to plan and control the project using the Project Evaluation and Review Technique (PERT) or other approved Critical Path Method (CPM) network analysis of his events and activities and those of the sub-contractors in his employ and must co-ordinate his planning with any other contractor employed on the project. A fortnightly project control report will be expected from the Contractor in writing, evaluating any gains or delays against the critical path and he should allow for all costs involved in planning reviewing and updating the programme to the satisfaction of the Principal Agent against this item.
- (b) Activity and total float shall belong to the Employer.
- (c) The Contractor shall deliver his programme of work within 14 calendar days after notice from the Employer, prior to the Commencement Date.

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

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

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

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

**INCLEMENT WEATHER AND CLAIMS FOR DELAYS IN PERFORMANCE**

- (a) The Contract Sum includes a monthly allowance of 3 working days inclement weather during which rainfall exceeds 10mm per day for months as indicated in the Scope of Works. These days shall be reflected on the critical path of the Contractor's programme as specified in MANAGING PROJECT DURATION above.
- (b) Claims for delays in performance due to inclement weather shall be calculated separately for each calendar month and for the project as a whole. Delays or gains to the critical path shall be reflected in all revisions of the programme. An extension of time will only be granted where the following conditions are met:
  - (i) The criteria to be used for WORK stoppages shall be for safety hazards or poor quality of work.
  - (ii) The Employer's site representative or the Employer's Principal Agent, if the site representative is not available shall be notified when the Contractor stops the work and intends to claim performance delays. The Employer representative shall inspect the situation together with the Contractor and give an immediate decision.
    - 1. The stoppage claimed must cause a delay in the Completion Date of work. If the critical activities can proceed and a non-critical activity is delayed due to inclement weather no claims for delay shall be granted.
    - 2. No claims for stoppages less than 2(two) hours per day shall be considered.
    - 3. Claims granted for more than 2 (two) hours, but less than 10 (ten) hour (lunch included) day, shall be added together and expressed as full days.
    - 4. All claims shall be submitted in writing to the Principal Agent within one working day of the actual stoppage.
    - 5. The total delay in performance granted to the Contractor expressed in days shall be added to the contractual Completion Date of each section of the Works. The contractual penalty clause shall only come into effect after this newly arrived date.
    - 6. Total delays (in hours) will be rounded up or down to the nearest integer for the calculation of Working Days. The total hours (including lunch) per Working Day shall be 10 unless otherwise indicated on the Contractor's programme.
    - 7. Where the programmed delays for inclement weather exceed the actual delays incurred the Completion Date(s) will not be adjusted.
    - 8. Where the project includes trader's holidays the programmed durations for inclement weather shall be adjusted pro-rata to the actual Working Days.
    - 9. The total of all monthly delays due to inclement weather shall be calculated in accordance with the example given below:

Description	Months					Total
	Sept	Oct	Nov	Dec	Jan	
	Hours	Hours	Hours	Hours	Hours	Hours
Programmed Rain days	0	30	30	15	15	90
Actual Rain days	18	22	35	15	18	108
Difference	-18	8	-5	0	-3	-18
Estimated Extension of time - in working days						2

8 hereby

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

Tender no:	ZNB 5489/2021-H	Part 2: CONTRACT DATA PROVIDED BY THE CONTRACTOR:				
<b>POST-TENDER INFORMATION</b> Note: All information for this section requires consultation with the Contractor. The Engineer/Principal Agent shall not pre-select any of the alternatives available to the Contractor.						
<b>1 CONTRACT DETAILS</b>						
[1.1.1.9]	Contractor Name: _____					
[1.2.1.2]	Postal address: _____ _____ _____					
	Tel no _____	Fax no _____				
	Tax / VAT Registration No: _____	e-mail address _____				
	Physical address: _____ _____ _____					
[1.1.1.10]	The accepted contract price inclusive of tax is R :					
	[Amount in words]					
	Payment Of Preliminaries (Clause 6.7, 6.8, 6.10 and 6.11)					
	The preliminaries amounts shall be paid in terms of:	<table border="1"> <tr> <td>*Alternative A</td> <td>Yes</td> </tr> <tr> <td>**Alternative B</td> <td>N/A</td> </tr> </table>	*Alternative A	Yes	**Alternative B	N/A
*Alternative A	Yes					
**Alternative B	N/A					
	<i>* Assessed by the Engineer/Principal Agent as an amount prorated to the value of the Work duly executed in the same ratio as the Preliminaries bears to the Contract Price excluding VAT, Preliminary amount, Contingencies and any CPAP.</i> <i>** Calculated from the priced Bill of Materials/Lump Sum document. The Contractor and the Engineer/Principal Agent shall agree on a division of the priced Preliminaries items into: initial establishment charge, monthly charge and final dis-establishment charge.</i>					
	If the Contractor and the Engineer/Principal Agent can not agree, within 10 Working Days from the Commencement Date, on such a division then the Engineer/Principal Agent shall make a division of the Preliminaries to be incorporated in the valuations for each monthly payment certificate as follows: 10% of the General Items/Preliminaries amount shall not be varied 15% of the General Items/Preliminaries shall only be varied in proportion of the Contract Price to the Contract Sum 75% of the General Items/Preliminaries shall be varied in proportion to the revised Construction Period compared with the Initial Construction Period.					
	Adjustment of Preliminaries (Clause 6.7, 6.8, 6.10 and 6.11)					
Alternative A	For the adjustment of Preliminaries both the Contract Sum and the Contract Value (including tax) shall exclude the amount of Preliminaries, all Contingency Sum(s) and any provision for Cost Price Adjustment Provisions:- - An amount which shall not be varied. - An amount varied in proportion to the contract value as compared to the Contract Sum. - An amount varied in proportion to the Construction Period as compared to the initial Construction Period (excluding revisions to the Construction Period to which the Contractor is not entitled) to adjustment of the Contract Value in terms of the agreement. The Contractor shall provide a breakdown of charges (including tax) within 15 working days of the date of acceptance of tender and, where applicable, an apportionment of Preliminaries per section. If the Contractor and the Principal Agent cannot agree, within ten (10) Working Days from the Commencement Date, on such a division then the Principal Agent shall make a division of the Preliminaries to be incorporated in the valuations for each monthly payment certificate as follows: 10% of the amount shall not be varied 15% varied in proportion of the Contract Value to the Contract Sum 75% varied in proportion to the revised Construction period compared with the Initial Construction Period <b>Sectional Completion : Subdivision of Preliminaries Costs</b> For the adjustment of preliminaries for sections of the work the value of fixed, value, and time related amounts of the preliminaries for each section is required. The contractor is to provide such information within fifteen (15) working days of taking possession of the site, failing which the categorised preliminaries amounts shall be prorated to the value of each section. The above shall apply equally for projects where sectional completion was not contemplated at tender stage but subsequently occurred on an adhoc basis during construction of the works as agreed between the client and the employer. The original priced categorised amounts for fixed, value, and time related amounts shall be prorated to the value of each section. When an extension of time has been granted in terms of the GCC and the preliminaries require to be adjusted accordingly, the pertinent sectional (subdivided) categorised preliminaries amounts shall be utilised, where applicable and not the overall preliminary amounts. Where sectional completion is required in terms of the agreement, the Contractor shall provide the Principal Agent with the division of the above categorized amounts into sections. Should the Contractor fail to provide such information within the period stipulated the categorized amounts shall be prorated to the value of each section. <div style="text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO <span style="float: right;">yes / no</span> </div>					
Alternative B	The Contractor shall within 15 working days of the date of possession of the site provide the Principal Agent with a detailed breakdown of Preliminaries amounts for the works as a whole, or per section where applicable, including administration and supervisory staff charges and for the use of construction equipment in terms of the programme. <div style="text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO <span style="float: right;">yes / no</span> </div>					
	The contractor is informed that only option 'A' shall apply					

<b>2 DOCUMENTS</b>	
Contract documents marked and annexed hereto:	
Priced Bills of Quantities:	Yes <input type="text"/> No <input type="text"/>
Lump Sum document:	Yes <input type="text"/> No <input type="text"/>
Guarantee Options:	
Not applicable	
<b>2.2 DESIGN BRIEF</b>	
Not applicable	<input type="text"/> YES or NO
<b>2.3 DRAWINGS</b>	<input type="text"/> YES or NO
See list of drawings/Annexure's attached to this document.	<input type="text"/> YES or NO
<b>2.4 DESIGN PROCEDURES</b>	<input type="text"/> YES or NO
Not applicable	
Contract drawings:	Yes <input type="text"/> No <input type="text"/>
Other documents:	
Waiver of the Contractors lien or right of continuing possession is required. <input type="text" value="YES"/>	
<b>GUARANTEE OPTIONS</b>	
The Bidder agrees to provide a bank or insurance guarantee in accordance with clause 6.2.3 of the Conditions of the GCC2010 Contract within the period stated in the Contract Data. This guarantee shall be for a sum equal to an amount stated in the Contract Data.	
Guarantees submitted must be issued by either an Insurance company duly registered in terms of the Insurance Act (Long Term Insurance Act No 52 of 1998 or Short Term Insurance Act No 53 of 1998) or by a bank duly registered in terms of the Banks Act No 94 of 1990, on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.	
(a) the Tenderer accepts that in respect of contracts up to R1 million, a payment reduction of 5% of the contract value will be applicable and will be reduced by the Employer in terms of the applicable conditions of contract.	
(b) in respect of contracts above R1 million, the Bidder offers to provide security as indicated below: select one option	
(i) cash deposit of 10 % of the Contract Price	<input type="text"/>
(ii) bank or insurance Performance Guarantee of 10 % of the Contract Price	<input type="text"/>
(iii) cash deposit of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT)	<input type="text"/>
(iv) bank or insurance guarantee of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT)	<input type="text"/>
<b>NOTE:</b> Where the Tenderer has not selected one of the guarantee options above, the default option will be as if the Tenderer has selected a security of a bank or insurance guarantee of 5% of the value of the Works and a payment reduction of 5% of the value certified in the payment certificate excluding value added tax. - See GCC2010 clause 6.2.2 as amended in Contract Data .	
<b>3 SIGNATURES OF THE CONTRACTING PARTIES</b>	
Thus done and signed at ..... on ..... of ..... 20.....	
Name of signatory	for and behalf of the Employer who by signature hereof
Capacity of signatory	as Witness.
Thus done and signed at ..... on ..... of ..... 20.....	
Name of signatory	for and behalf of the Contractor who by signature hereof
Capacity of signatory	as Witness





**KWAZULU NATAL: DEPARTMENT OF HEALTH: DANNHAUSER COMMUNITY HEALTH CENTRE:  
STRUCTURAL REPAIRS**

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**C1.3 - FORM OF GUARANTEE**

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

Head: Public Works  
KZN Department of Health:  
Private Bag X 9041  
PIETERMARITZBURG  
3200

Sir,

**ON DEMAND PERFORMANCE GUARANTEE**

**Tender Number ZNB 5469/2021-H**

**Project Code 31011046**

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: 

<b>KWAZULU NATAL: DEPARTMENT OF HEALTH: DANNHAUSER COMMUNITY HEALTH CENTRE: STRUCTURAL REPAIRS</b>
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"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: 

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"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.



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**DEPARTMENT OF HEALTH: PIETERMARITZBURG DANNHAUSER COMMUNITY HEALTH CENTRE:  
STRUCTURAL REPAIRS**

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**PART C2 - PRICING DATA**

<b>C2.1 PRICING INSTRUCTIONS</b> GCC FOR CONSTRUCTION WORKS (Second Edition 2010)			
<b>Project title:</b>	<b>KWAZULU NATAL: DEPARTMENT OF HEALTH: DANNHAUSER COMMUNITY HEALTH CENTRE: STRUCTURAL REPAIRS</b>		
<b>Tender no:</b>	<b>ZNB 5469/2021-H</b>	<b>Project Code:</b>	<b>31011046</b>

### 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>
<b>1</b>	<p><b>MASSES AND MEASURING UNITS</b></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>
<b>2</b>	<p><b>PRICES FOR VARIATIONS</b></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>
<b>3</b>	<p><b>SCALE</b></p> <p>The scale to which the Drawings are made is only to be made use of when no figured dimensions are given either on the Drawings or in the tender documents and the figured dimensions are always to be followed though they may not coincide with the scale of the Drawings, but dimensions where possible are to be taken from the buildings.</p>
<b>4</b>	<p><b>PROVISIONAL ITEMS</b></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>

5	<p><b>TIMELY ORDERING OF MATERIALS</b></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>
6	<p><b>ELECTRICAL LIGHTING, POWER AND WATER</b></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>
7	<p><b>IMPORT PERMITS, DUTIES AND SURCHARGES.</b></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>
8	<p><b>STANDARD SYSTEM OF MEASUREMENT WHERE BILLS OF QUANTITIES FORM PART OF THE Tender DOCUMENTS</b></p> <p>The work executed under this Contract has been measured in accordance with the:</p> <p style="text-align: center;"><b>Standard System of Measuring Builders Work (7th Edition)</b></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 "Standard Preambles for all Trades (Rev 3) - DOH 2009" 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>

9	<p><b>PRICING OF ROCK EXCAVATIONS</b></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><b>BROAD BASED BLACK ECONOMIC EMPOWERMENT</b></p> <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>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.</li> </ol>		
11	<p><b>REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE</b></p> <ol style="list-style-type: none"> <li>1. In terms of the Public Finance Management Act (PFMA), 1999 (Act No 1 of 1999) Section 38 (1) (a) (iii) and 51 (1) (iii) and Section 76 (4) of PFMA National Treasury developed a single platform, The Central Supplier Database (CSD) for the registration of prospective suppliers including the verification functionality of key supplier information.</li> <li>2. Prospective suppliers will be able to self - register on the CSD website: <a href="http://www.csd.gov.za">www.csd.gov.za</a></li> <li>3. Once the supplier information has been verified with external data sources by National Treasury a unique supplier number and security code will be allocated and communicated to the supplier. Suppliers will be required to keep their data updated regularly and should confirm at least once a year that their data is still current and updated.</li> <li>4. Suppliers can provide their CSD supplier number and unique security code to organs of state to view their verified CSD information.</li> <li>5. Tenderers are required to fill in clearly, legibly, in bold print and black ink their CSD supplier number in the space hereunder:</li> </ol>		
	<table border="1"> <tr> <td data-bbox="343 1422 753 1478"><b>Name of Supplier</b></td> <td data-bbox="753 1422 1430 1478"></td> </tr> </table>	<b>Name of Supplier</b>	
<b>Name of Supplier</b>			
	<table border="1"> <tr> <td data-bbox="343 1478 753 1545"><b>Central Supplier Database (CSD) Supplier Number:</b></td> <td data-bbox="753 1478 1430 1545"></td> </tr> </table>	<b>Central Supplier Database (CSD) Supplier Number:</b>	
<b>Central Supplier Database (CSD) Supplier Number:</b>			
12	<p><b>TAX CLEARANCE REQUIREMENTS</b></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 Tenderer'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"> <li>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 Tenderers / Individuals who wish to submit Tenders.</li> <li>2. SARS will then furnish the Tenderer with a Tax Compliance Status (TCS) PIN that will be valid for a period of 1 (one) year from the date of approval.</li> </ol>		

	<p>3 In Tenders where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN.</p> <p>4 Application for Tax Compliance Status (TCS) PIN can be done via e-filing at any SARS branch office nationally or on the website <a href="http://www.sars.gov.za">www.sars.gov.za</a>.</p> <p>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 <a href="http://www.sars.gov.za">www.sars.gov.za</a>.</p> <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 <a href="http://www.sars.gov.za">www.sars.gov.za</a>.</p>
	<p><b>Security PIN Number</b></p>
	<p><b>Company / Entity Tax Reference Number</b></p>
<p>13</p>	<p><b>BILLS OF QUANTITIES/LUMP SUM DOCUMENT</b></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>
<p>14</p>	<p><b>VALUE ADDED TAX</b></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>
<p>15</p>	<p><b>FIXED PRICE CONTRACT</b></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: N/A</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. N/A</p>



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

		UNIT	QUANTITY	RATE	AMOUNT
A6	Payment and Related Matters (clause 6) F:..... V:..... T:.....	Item			
A7	Quality and Related Matters (clause 7) F:..... V:..... T:.....	Item			
A8	Risk and Related Matters (clause 8) F:..... V:..... T:.....	Item			
A9	Termination of Contract (clause 9) F:..... V:..... T:.....	Item			
A10	Claims and Disputes (clause 10) F:..... V:..... T:.....	Item			
<p><b>SECTION B: SANS 1921-1:2004 (Edition 1): CONSTRUCTION AND MANAGEMENT REQUIREMENTS FOR WORKS CONTRACTS: PART 1</b>            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			
<b>SECTION C: SCOPE OF WORK in accordance with SANS 10403</b> <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			
<b>SECTION D: SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 (Table A.1)</b>					
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	<b>Provision and erection of signboards - CLAUSE 4.14.6</b> F:..... V:..... T:.....	Item			
D12	<b>Termination, diversion or maintenance of existing services - CLAUSE 4.17.1</b> F:..... V:..... T:.....	Item			
D13	<b>Services which are known to exist - CLAUSE 4.17.3</b> F:..... V:..... T:.....	Item			
D14	<b>Detection apparatus - CLAUSE 4.17.4</b> F:..... V:..... T:.....	Item			
D15	<b>Additional health and safety requirements - CLAUSE 4.18</b> F:..... V:..... T:.....	Item			
<b>SECTION E: SPECIFIC PRELIMINARIES</b> <u>Section E contains Specific Preliminary Items which apply to this contract except where "N/A" (Not Applicable) appears against the Item.</u>					
E1	<b>PROPRIETARY BRANDED PRODUCTS</b> 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	<b>OVERTIME</b> 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	<b>AS BUILT DRAWINGS</b> 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><b>SITE INSTRUCTIONS</b></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><b>LABOUR RECORD</b></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: KZN Health) may apply any of the sanctions provided in the contract. Sanctions may include the application of a financial penalty of .04% of the Contract Sum per calendar day of which the required report has not been submitted.</i></p>	Item			
E6	<p><b>PLANT RECORD</b></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><b>NON CESSION OF MONIES</b></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><b>SECTIONAL COMPLETION</b></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			
Carried forward to collection				R	

	UNIT	QUANTITY	RATE	AMOUNT
<p><b>E8.1 Section 1</b></p> <p>Contractor to note that the section following on the previous section will only be allowed to commence once the existing section has been completed and the practical completion certificate has been issued (please refer to the provisional sectional completion programme / decanting plan / preliminary works methodology for more details)</p> <p>Work Stage 1 to 12 &amp; 54 to 59                      Zone 1, 2, 3a, 3b, 13a &amp; 13b (Pharmacy, Administration, HAST)                      Contract Period - 4 Calendar Months (Provisional)</p> <p>The contractor to allow for the issuing of all relevant temporary compliance documentation, temporary connections, temporary lighting, erecting and moving/repositioning of hoardings, dust screens, walkways, etc. for the duration of the relevant section including making good of all trades at end contract for all sections and sub-sections</p> <p>F:..... V:..... T:.....</p>	Item			
<p><b>E8.2 Section 2</b></p> <p>Contractor to note that the section following on the previous section will only be allowed to commence once the existing section has been completed and the practical completion certificate has been issued (please refer to the provisional sectional completion programme / decanting plan / preliminary works methodology for more details)</p> <p>Work Stage 13 to 21                      Zone 4, 5a &amp; 5b (Short Stay Ward, Casualty &amp; Reception)                      Contract Period - 3 Calendar Months (Provisional)</p> <p>The contractor to allow for the issuing of all relevant temporary compliance documentation, temporary connections, temporary lighting, erecting and moving/repositioning of hoardings, dust screens, walkways, etc. for the duration of the relevant section including making good of all trades at end contract for all sections and sub-sections</p> <p>F:..... V:..... T:.....</p>	Item			
<p><b>E8.3 Section 3</b></p> <p>Contractor to note that the section following on the previous section will only be allowed to commence once the existing section has been completed and the practical completion certificate has been issued (please refer to the provisional sectional completion programme / decanting plan / preliminary works methodology for more details)</p> <p>Work Stage 22 to 33 &amp; 60 to 68                      Zone 6a, 6b, 7a, 7b, 14a, 14b &amp; 15 (Maternity, Woman &amp; Child Care, Domestic Services, Maintenance &amp; Mortuary)                      Contract Period - 4 Calendar Months (Provisional)</p> <p>The contractor to allow for the issuing of all relevant temporary compliance documentation, temporary connections, temporary lighting, erecting and moving/repositioning of hoardings, dust screens, walkways, etc. for the duration of the relevant section including making good of all trades at end contract for all sections and sub-sections</p> <p>F:..... V:..... T:.....</p>	Item			
<b>Carried forward to collection</b>			R	



	UNIT	QUANTITY	RATE	AMOUNT
<p><b>E8.4 Section 4</b></p> <p>Contractor to note that the section following on the previous section will only be allowed to commence once the existing section has been completed and the practical completion certificate has been issued (please refer to the provisional sectional completion programme / decanting plan / preliminary works methodology for more details)</p> <p>Work Stage 34 to 42 and 69 to 74                      Zone 8a, 8b, 9, 16a 16b (Radiology, Dentist, Rehabilitation, Additional Administration)                      Contract Period - 4 Calendar Months (Provisional)</p> <p>The contractor to allow for the issuing of all relevant temporary compliance documentation, temporary connections, temporary lighting, erecting and moving/repositioning of hoardings, dust screens, walkways, etc. for the duration of the relevant section including making good of all trades at end contract for all sections and sub-sections</p> <p>F:..... V:..... T:.....</p>	Item			
<p><b>E8.5 Section 5</b></p> <p>Contractor to note that the section following on the previous section will only be allowed to commence once the existing section has been completed and the practical completion certificate has been issued (please refer to the provisional sectional completion programme / decanting plan / preliminary works methodology for more details)</p> <p>Work Stage 43 to 53                      Zone 10a, 10b, 11 &amp; 12 (Common &amp; Chronic Diseases, Counselling, TB &amp; Infectious Diseases &amp; Training Centre)                      Contract Period - 3 Calendar Months (Provisional)</p> <p>The contractor to allow for the issuing of all relevant temporary compliance documentation, temporary connections, temporary lighting, erecting and moving/repositioning of hoardings, dust screens, walkways, etc. for the duration of the relevant section including making good of all trades at end contract for all sections and sub-sections</p> <p>F:..... V:..... T:.....</p>	Item			
<p><b>E8.6 Section 6 (To Run Concurrent with Section 1, 2, 3, 4 &amp; 5)</b></p> <p>Contractor to note that this section will run concurrently with section 1 to 5 and must be completed and practical completion certificate issued on or before the 18 months contract period has expired (please refer to the provisional sectional completion programme / decanting plan / preliminary works methodology for more details)</p> <p>Work Stage 75 to 77                      Zone External Works, Contractual Requirements (Preliminaries) &amp; Temporary Accommodation for Decanting purposes                      Contract Period - 18 Calendar Months (Provisional)</p> <p>The contractor to allow for the issuing of all relevant temporary compliance documentation, temporary connections, temporary lighting, erecting and moving/repositioning of hoardings, dust screens, walkways, etc. for the duration of the relevant section including making good of all trades at end contract for all sections and sub-sections</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
E9	<p><b>LOCAL LABOUR</b></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			
E10	<p><b>IMPORT PERMITS AND DUTIES</b></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><b>CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP)</b></p> <p>Notwithstanding anything to the contrary contained in the GCC for Construction Works 2010 2nd Edition, this Contract shall only when the Construction Period exceeds 6 months and the Contract sum exceeds R1,000,000,00 be subject to the Contract Price Adjustment Provisions Indices Application Manual for use with P0151 indices (CPAP) (Revised 1 January 2013) as published by Statistics South Africa. Tenderers are advised that with reference to Clause 3.4.6 of the Contract Price Adjustment Provisions (CPAP) Indices Applications Manual, the Head: Public Works <u>will not accept the submission by Tenderers of lists of additional items.</u></p> <p>Where this contract is a Lump Sum contract, the contract will be subject to Contract Price Adjustment Provisions (CPAP) only where the contract period equals or exceeds 6 calendar months. The applicable work group shall be WG 180 for domestic buildings or WG 181 for commercial and industrial buildings.</p> <p>F:..... V:..... T:.....</p>	Item			
E12	<p><b>EPWP CONDITIONS AND SPECIFICATIONS</b></p> <p><b>12.1 EMPLOYMENT TARGETS</b></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>	Item			
Carried forward to collection				R	

	UNIT	QUANTITY	RATE	AMOUNT
<p><b>E12.1 b Employment requirements</b>                      Tenderers are advised that this contract will be subject to the Expanded Public Works Program (EPWP) aimed at alleviating and reducing unemployment.                      Tenderers must allow for any costs for the employment of unskilled labour as per the requirements of the EPWP program;</p> <p>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> <p>F:..... V:..... T:.....</p>	Item			
<p><b>E12.1 c Labour rate and payment intervals</b>                      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><b>12.2 LABOUR INTENSIVE CONSTRUCTION METHOD</b>  <b>E12.2 a Labour Intensive Construction (LIC) method</b>                      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><b>E12.2 b Labour Intensive Construction Method</b>                      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			
Carried forward to collection			R	

	UNIT	QUANTITY	RATE	AMOUNT
<p><b>E12.3 RECORD KEEPING</b></p> <p>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 Health 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><b>E12.4 EPWP REPORTING as per EPWP DATA FORM</b></p> <p>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 &amp; KZN Health with a written records, as per EPWP data form; which will be reflecting, beneficiaries full name &amp; 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"> <li>1. EPWP monthly data collection form</li> <li>2. Worker monthly payment upload</li> <li>3. Worker monthly proof of payment i.e             <ol style="list-style-type: none"> <li>3.1 Acknowledgement of receipt of payment or</li> <li>3.2 Payslips</li> <li>3.3 Bank statement highlighted the workers paid</li> </ol> </li> <li>4. Worker monthly training form</li> <li>5. Monthly attendance register</li> <li>6. Certified copies of ID's (once off)</li> <li>7. ID size photos (once off)</li> <li>8. Proof of UIF</li> <li>9. Proof of COIDA</li> </ol> <p>F:..... V:..... T:.....</p>	Item			
<p><b>E12.5 EPWP PROMOTION</b></p> <p><u>12.5.1 EPWP signage board</u></p> <p>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 MEDIUM " letters are to be used . Professional title to be 10 mm above line . Line thickness to be 8 mm thick . Space between bottom of the line and bottom of the lettering below the line has to be 100 mm. Letter sizes are as follows : Helvetica meduim 100 mm black upper case to be for project name and owner . Helvetica meduim 75mm black upper case only to be used for professional titles.Project name and owner shall be black lettering on white background.board sizes are as follows : Board to be minomum 2000mm from ground level and to be constructed from reinforced formed chromadek panels minimum 0,6mm thick chromadek. The contractor is responsible for ensuring that the project board remains neatly and safely erected for the full duration including maintenance period,after which the project board and post are to be dismantled and handed to the client in good order.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection				R

	UNIT	QUANTITY	RATE	AMOUNT
<p><u>12.5.2 Branding of labour apparel</u>                      Contractor &amp; 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> <p><b>E12.6 COMMUNITY LIAISON OFFICER (CLO)</b>  <u>UTILISATION OF A COMMUNITY LIAISON OFFICER</u>                      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><b>Key Responsibilities of the CLO are envisaged to include and not necessary be limited to:</b></p> <ol style="list-style-type: none"> <li>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.</li> <li>2. Assisting in sourcing labour-only domestic sub-contractors and the procurement of materials from local resources, as required by the contractor.</li> <li>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.</li> <li>4. Assisting contractor and stakeholders in the project in the resolution of any conflict which may arise.</li> <li>5. Establishing and ensuring that sufficient and open communication channels between the contractor and the work force are maintained.</li> <li>6. Establish and ensuring that efficient and open communication channels between the contractor and the community are maintained</li> <li>7. Identifying and reporting to the Contractor regarding issues where communication between stakeholder is necessary, recommend courses of action and facilitate such communications</li> <li>8. Assisting the Contractor and the work force in the establishment of grievance procedures and necessary recommenda-tion to the Contractor regarding the grievances and solution thereto.</li> <li>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.</li> <li>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.</li> </ol> <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: KZN Health</p> <p>F:..... V:..... T:.....</p>	Item			
	Item			
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	UNIT	QUANTITY	RATE	AMOUNT
<p><b>E12.7 SKILLS DEVELOPMENT ON SITE</b>                      Contractor in conforming to the object of EPWP that its beneficiaries need to be capacitated with skills that will render them employable in the future. It is then the responsibility of the Contractor that mandatory life skills are provided to 100% of workforce on site and on the job training to labourers from whom the potential for further development has been identified. The latter is not mandatory to all as it covers technical skills.</p> <p>Contractor should also make provision for the possibility that there might be local youth that will need to be placed on the project with an intention to be provided support towards improving their level of competency and productivity.</p> <p>Contractor shall also provide all necessary on-the-job training to targeted labour to enable such labour to master and advance on techniques required to undertake the work in accordance with requirements of the contract in a manner that does not compromise workers health and safety.</p> <p>F:..... V:..... T:.....</p> <p><b>E12.8 LABOUR ONLY Sub Contracting for local emerging enterprises</b>                      Tenderer's are advised that this contract is subject to the Expanded Public Works Programme (EPWP) and the following criteria will apply:</p> <p><u>African Equity Ownership</u></p> <p>a) The Tenderer is to allow for 5% of the total value of works to be undertaken by a Priority Population Group. This percentage excludes the costs of employing local unskilled labour. The allocation of this percentage from the Project, the screening of people, the selection of skills, will be for the Contractor to adjudicate.</p> <p>b) The Priority Population Group consists of women, youth and disabled people.</p> <p>c) The Contractor is to give first option for prospective PPG's from the surrounding areas of the Project. Should there be insufficient suitable people fitting the criteria of PPG's, the Contractor may hire people from further afield. This is to be done only after consultation with the Department of Works EPWP Co-ordinator and the Community Liaison Officer (CLO).</p> <p>d) A Mentor is to be employed by the Contractor, in consultation with the Department of Works for the purposes of quality control and liaison between the Contractor and the selected PPG's on site. The mentor will be responsible for ensuring an acceptable level of quality workmanship and that such work carried out by the PPG's is executed within the time frames stipulated.</p> <p>In so far as possible, the Contractor is encouraged to expand the PPG's skills, knowledge and performance levels.</p> <p>F:..... V:..... T:.....</p>	Item			
	Item			
	Carried forward to collection			R

	UNIT	QUANTITY	RATE	AMOUNT
<p><b>TENDERER'S TO NOTE CONDITIONS</b></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><b>CO-ORDINATION</b></p> <p>The Contractor is to co-ordinate the work of all the PPG's, Sub-Contractors and Nominated Sub- Contractors appointed direct by the Employer in such a manner and at all times as will suit the building programme and he is to allow adequate access, for the PPG's, where required, to carry out their work in an efficient manner as no claims for extras in this connection will be entertained.</p> <p>F:..... V:..... T:.....</p> <p><b>ATTENDANCE</b></p> <p>The Contractor may allow for attendance upon the PPG's concerned to execute the work. The Contractor is to allow the PPG's the use of any scaffolding belonging to him while it remains so erected on the site.</p> <p>Where scaffolding is necessary for the use by any PPG and the Contractor has not erected any for his own use or has removed same after his own use, the Contractor shall supply sufficient scaffolding to the PPG to be erected and dismantled by the PPG and returned to the Contractor.</p> <p>This attendance upon PPG's to execute the work is to include for the scaffolding provisions as aforesaid and, in addition, is to include for co-operating to the fullest extent with all the parties, attending on off-loading materials, providing suitable storage for tools and materials used by the PPG's, use of general facilities such as latrines, etc., supply and cost of power, lighting, water and the like.</p> <p>F:..... V:..... T:.....</p> <p><b>E12.9 EPWP CONTRACT FOR LABOUR</b></p> <p>It is compulsory that shortly after the contractor and or sub contractor has appointed local labour, the employment contract should be signed by both parties, prior to commencement with works on site. The employment contract forms part of the Ministerial Determination or from the regional EPWP officials. Each contract will lapse at the end of each financial year therefore requiring the Contractor to do a renewal of each contract should the need of employment still exist for that particular labourer.</p> <p>F:..... V:..... T:.....</p>	Item			
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Carried forward to collection				

	UNIT	QUANTITY	RATE	AMOUNT
<p><b>E12.10 EPWP SCOPE of WORK</b></p> <p><b>Note:</b>                      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><b>Note:</b>                      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 <a href="http://www.epwp.gov.za">www.epwp.gov.za</a>) Expanded Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice , shall apply to works described in the scope of work as being labour-intensive and which are undertaken by unskilled or semi-skilled workers.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection				R



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

		UNIT	QUANTITY	RATE	AMOUNT
E18	<p><b>GENERAL PREAMBLES</b></p> <p>The Document Preambles will be the "Standard Preambles for All Trades (Rev 3) - DOH 2009" and is obtainable from the various Regional Office's of the KwaZulu-Natal Department of Health 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><b>TRADE NAMES</b></p> <p>Wherever a Trade Name for any product has been described in the Bills of Quantities the Tenderer'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 Tenders.</p> <p>F:..... V:..... T:.....</p>	Item			
E20	<p><b>EXISTING PREMISES OCCUPIED</b></p> <p>Refer to Scope of Works Part C3 of this Tender Document for information on the occupation of existing buildings.</p> <p>F:..... V:..... T:.....</p>	Item			
E21	<p><b>INACCURATE AND DEFECTIVE WORK EXECUTED UNDER PREVIOUS CONTRACT</b></p> <p>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><b>VIEWING THE SITE IN SECURITY AREAS</b></p> <p>If the site is situated in a security area and the Tenderer must arrange with the Authorities to obtain permission to enter the site for Tendering purposes.</p> <p>F:..... V:..... T:.....</p>	Item			
E23	<p><b>COMMENCEMENT OF WORKS IN SECURITY AREAS</b></p> <p>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><b>ENTRANCE PERMITS TO SECURITY AREAS</b></p> <p>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><b>SECURITY CHECK OF PERSONNEL</b>                      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><b>PROHIBITION ON TAKING PHOTOGRAPHS</b>                      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><b>Management of Water</b> <span style="float: right;">Water</span>                      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> <p>F:..... V:..... T:.....</p>	Item			
E28	<p><b>COVID 19 - Compliance with OSH Act 1993 (85 of 1993) and Disaster Management Act 2002</b>                      Medical Screening of employees and visitors to site</p> <ul style="list-style-type: none"> <li>• The sanitization of work areas, transport for workers, facilities onsite</li> <li>• Record keeping of medical condition of all employees, subcontractors and visitors and report illnesses</li> <li>• Prevent overcrowding in workplaces</li> <li>• Onsite record keeping of medical condition of all employees and visitors</li> <li>• Development of COVID 19 - site management plan</li> <li>• Appoint a a COVID 19 compliance officer</li> <li>• Introduce Access Control to and from site</li> <li>• Daily disinfection of all work surfaces, construction vehicles, portable working tools, and equipment prior to resuming work each day</li> <li>• Clean of all toilets, dining areas, site office, common areas, door handles and shared electronic equipment</li> <li>• Construction vehicles to be cleaned and sanitized after each shift</li> <li>• Provision of hand sanitizers, paper towels, soap and water onsite</li> <li>• Provision of PPE and two (2) masks per employee</li> <li>• Provision of ventilated sick room</li> <li>• Signage, education and training onsite</li> </ul> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection					R

		UNIT	QUANTITY	RATE	AMOUNT
E29	<p><b>COMMUNITY LIAISON OFFICER (CLO)</b>            It should be noted that the Community Liaison Officer will be employed directly by the contractor only for the duration of the construction contract.            R 10,000 per month (for the duration of the construction contract)            The primary purpose of the CLO is to ensure that the local community gets maximum benefit from this construction contract through access to labour (skilled, semi-skilled and unskilled) and subcontracting.            The CLO must also act as a liaison officer for the contractor, to facilitate information flow to the community and other stakeholders.</p> <p><b>REQUIREMENTS:</b></p> <ul style="list-style-type: none"> <li>• Must be a member of the local community and stationed, live, in the same municipal ward where the project is located</li> <li>• Grade 12 certificate with basic computer literacy.</li> <li>• Must be able to communicate, read and write in English and Zulu.</li> <li>• Must be reliable and accountable.</li> <li>• Must know the area thoroughly.</li> <li>• Must be currently unemployed.</li> <li>• Should be prepared to work under difficult conditions.</li> <li>• Should have skills in conflict resolution.</li> <li>• Should have an understanding of construction field and be able to communicate with contractors and sub-contractors.</li> <li>• Should not be a contractor.</li> <li>• Willingness to spend extended periods in the field and work irregular hours.</li> </ul> <p><b>DUTIES :</b></p> <ul style="list-style-type: none"> <li>• Liaison between the community and the contractor.</li> <li>• Responsible to provide a link between local resources and the contractor.</li> <li>• Prepare a database of local resources.</li> <li>• Keep the contractor aware of community affairs and possible dynamics.</li> <li>• Assist the contractor's supervisory staff in the management of workers.</li> <li>• Report monthly to the Labour Desk, and the community structures with respect to local involvement targeting, training and the equity status of employees.</li> <li>• Complete the necessary administrative tasks related to implementation of projects.</li> </ul> <p>F:..... V:..... T:.....</p>	Item	1	180 000.00	180 000.00
	<b>Carried forward to collection</b>				<b>R</b>

<b>SECTION 1</b>			
<b>SUMMARY – PRELIMINARY &amp; GENERAL</b>			
<b>Collection</b>	<b>Page No.</b>	<b>Amount</b>	
	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	
	18	R	
	19	R	
	20	R	
<b>Carried forward to Final Summary</b>		R	
<b>Bill No. 1 Preliminary &amp; General Summary</b>			

Item No	Quantity	Rate	Amount R
<p><b><u>BILL No 1</u></b></p>			
<p><b><u>ALTERATIONS (PROVISIONAL)</u></b></p>			
<p><b><u>(CPAP WORK GROUP NO. 102 UNLESS OTHERWISE STATED)</u></b></p>			
<p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>Proprietary items or materials</u></b></p>			
<p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p>			
<p><b><u>Explosives</u></b></p>			
<p>No explosives whatsoever may be used for demolition purposes unless otherwise stated</p>			
<p><b><u>General</u></b></p>			
<p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent</p>			
<p>Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent</p>			
<p><b>Carried to Collection</b></p>			R
<p>Section No. 2                  Bill No. 1                  ALTERATIONS (PROVISIONAL)                  ProQS Vryheid ©                  OCTOBER 2021</p>			

Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehanging, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately

Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc

Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing

With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork

Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary

The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)

Where structures which support existing roof structures are to be demolished the contractor must provide temporary support until new supporting structures are in place

Where structures which support existing walls above doors (Lintels) are to be demolished the contractor must provide temporary support until new supporting structures are in place

**Carried to Collection**

**R**

Section No. 2  
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Old materials from alteration, except where described to be re-used or handed over, become the property of the contractor who must allow credit for same in the Final Summary

Old materials from the alteration, except where described to be re-used or handed over, as well as all rubbish, etc., must be regularly carted from the site and not be allowed to accumulate on or around the site

None of the old materials are to be used for new work except where specifically described being set aside for re-use

Where certain materials or articles from demolitions or articles are described as to be handed over by the Contractor to the Client or Representative/Agent, such materials or articles shall be properly stored by the contractor, until handing over thereof. The contractor must obtain an official receipt listing the materials or articles and dates of handing over. If the contractor fails to submit the receipt when requested, it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Department for the full replacement value thereof, which amount will be deducted from any monies due to the contractor

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**DECANTING**

**Decanting staff in phases**

- 1 Allow for decanting the staff of the Dannhauser Community Health Centre for the duration of the construction period into three Prefabricated Buildings, etc

(See attached decanting plan - Preliminary Works Methodology)

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**TEMPORARY SHORING, PROPPING AND LATERAL SUPPORT, ETC**

**Temporary support, etc including removal**

2	Temporary propping and lifting (maximum 15mm) of existing openings, soffits, beams, slabs or trusses not exceeding 3,5m high with hydraulic lifts / jacks with lifting capacity of 3 tons per meters including wooden bearers, releasing of roof trusses (if and where required) complete as per "Methodology for Installation of Bearings Below Pharmacy Roof Slab" (L.I.)	m	228
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**Temporary barriers, screens, etc including removal**

3	2000mm High dust screen fixed to plastered brickwork, of 21mm thick veneered shutterboard including lighting, doors, corners, ends, etc	m	500
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**Sundries**

4	Allow for temporary propping of existing openings, soffits, beams, slabs, trusses, etc. not exceeding 3.5m high, with adjustable galvanized tubular steel slab props with up to 50 kN load-bearing capacity including timber sole plates, etc. installed as per manufactures specification	No	80
5	Allow for temporary propping of existing openings, soffits, beams, slabs, trusses, etc. exceeding 3.5m and not exceeding 5.0m high, with adjustable galvanized tubular steel slab props with up to 50 kN load-bearing capacity including timber sole plates, etc. installed as per manufactures specification	No	40

**REMOVAL OF EXISTING WORK**

**Breaking up and removing reinforced concrete, including cutting off and removing reinforcement**

6	50mm Bitumen asphalt road surfacing (L.I.)	m2	5 845
7	100mm Thick surface beds (L.I.)	m2	6 980

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<b><u>Break down and remove brickwork, etc</u></b>		
8	Half brick wall (L.I.)	m2 237
9	One brick wall (L.I.)	m2 392
10	Brick-on-edge header course lintels (L.I.)	m 92
<b><u>Carefully take out and remove doors, windows, etc from brickwork to be demolished, set aside to be re-used</u></b>		
11	Timber single door and steel frame not exceeding 2m2 (L.I.)	No 10
12	Timber double door and steel frame exceeding 2,5m2 and not exceeding 5m2 (L.I.)	No 5
<b><u>Take down and remove roofs, floors, panelling, ceilings, partitions, etc</u></b>		
13	Corrugated sheet steel roof covering and timber purlins where necessary (L.I.)	m2 128
14	Sheet steel gutters and downpipes from roofs (L.I.)	m 77
<b><u>Carefully take out and remove roofs, floors, panelling, ceilings, partitions, etc set-aside for re-use</u></b>		
<b>Note: Contractor will be held responsible for all damages, however caused, to ceilings, finishes, etc in all rooms where the existing roof coverings have been removed, created openings in wall, etc and he must make good all damages at his own expense to the approval of the employer</b>		
15	Corrugated sheet steel roof covering and timber purlins where necessary (L.I.)	m2 100
16	Sheet steel gutters and downpipes from roofs (L.I.)	m 1 059
<b><u>Take down and remove roofs, floors, panelling, ceilings, partitions, etc</u></b>		

**Note: Where ceilings removed, allow for services**

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17	Gypsum plasterboard ceilings, including timber brandering, cornices, etc (L.I.)	m2	531
18	Fibre cement ceilings, including cornices, etc (L.I.)	m2	205
19	Fibre cement fascia and barge boards from roofs (L.I.)	m	238
	<b><u>Carefully out and remove sundry joinery work, fittings, etc and making good cement plaster - set-aside for re-use</u></b>		
20	Timber bumper rails, etc (L.I.)	m	45
	<b><u>Take out and remove sundry joinery work, fittings, etc and making good cement plaster</u></b>		
21	Timber skirtings (L.I.)	m	234
22	200 x 100 x 32mm Backing plate, plugged to brickwork with three solid brass screws (L.I.)	No	32
	<b><u>Take up and remove, vinyl floor coverings, carpets, etc and preparing screeds for new floor coverings</u></b>		
23	Vinyl tile floor covering (L.I.)	m2	550
24	Wall-to-wall carpet floor covering (L.I.)	m2	185
	<b><u>Carefully take out and remove existing ironmongery, etc, and set aside for re-use</u></b>		
	<b>Note: Contractor will be held responsible for any damage caused as result of mishandling loss, damage, etc and shall make good or replace where necessary at his own expense to the approval of the employer</b>		
25	45mm Aluminium straight edge protector, type ESA/ESB (L.I.)	m	40
26	"TR200" 200 x 29mm Deep lipped channel profile wall protectors, clipped onto rebated laminated timber plank (L.I.)	m	80

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27	Cam action door closer with 90 degree fixed position hold open with arm bracket, etc. fixed to metal or timber (L.I.)	No	15	
28	Mortice Locksets (L.I.)	No	20	
29	Pair of door handles (L.I.)	No	20	
30	Pair of hinges (L.I.)	No	20	
31	Nickle plated flush bolts (L.I.)	No	20	
32	Stainless steel kick and push plates (L.I.)	No	20	
33	Double action floor spring complete with stainless steel cover plate, bottom strap, top centre with 90 degrees fixed position hold open, etc (L.I.)	No	18	
	<b><u>Carefully out/off and remove sundry metalwork, etc and set aside for re-use</u></b>			
34	Steel single gate and frame not exceeding 2,5m2, including making good face brick (L.I.)	No	6	
	<b><u>Hack up/off and remove ceramic/clay tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u></b>			
35	Tiles to floors (L.I.)	m2	984	
36	Tiles to walls (L.I.)	m2	140	
	<b><u>CUTTING THROUGH FLOORS AND CEILINGS</u></b>			
	<b><u>Cutting through and breaking up</u></b>			
37	100mm Thick reinforced concrete surface bed for 700mm wide concrete wall footings and making good concrete on both sides of new half brick walls (making good floor finishes elsewhere) (L.I.)	m	70	
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	<b><u>Break out for and form opening through brick wall for window frame including precast or concrete lintels, closing cavities, making good plaster on both sides, into reveals (window and paint elsewhere measured)</u></b>			
43	Opening for window size 900mm x 1000mm high in 220mm brick wall (L.I.)	No	1	
	<b><u>PREPARATORY WORK TO EXISTING SURFACES</u></b>			
	<b><u>Preparation to existing vertical surfaces</u></b>			
44	Hacking faces of existing plastered wall to receive plaster (plaster elsewhere measured) (L.I.)	m2	6 482	
	<b><u>Preparation to existing horizontal surfaces</u></b>			
45	Make good defects in existing floor screed with 'Pavelite', including preparing existing screed by removing all spalled material and scrubbing floors to remove all trace of foreign matter (L.I.)	m2	550	
	<b><u>Sundries</u></b>			
46	Cut out and fit brass dividing strip or weather bar in existing concrete floor (Dividing strip elsewhere)	m2	28	
	<b><u>MAKING GOOD OF FINISHES, ETC</u></b>			
	<b><u>Making good face brickwork</u></b>			
47	Check and service existing joints including scraping out and replacing cement mortar where necessary, and clean all existing face brickwork (L.I.)	m2	411	
48	Carefully cut out and remove damaged face bricks from face brick wall, rake out mortar and build in new face bricks to match the existing with colour matched tinted mortar (L.I.)	m2	369	
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<b><u>Making good 30mm cement screeds</u></b>			
49	Floors where half brick walls removed (L.I.)	m	79
50	Floors where one brick walls removed (L.I.)	m	177
51	Rake out existing polysulphide expansion joint filler and prepare to receive new (L.I.)	m	1 457
<b><u>Making good internal cement plaster</u></b>			
52	On walls where half brick cross walls removed (L.I.)	m	9
53	On concrete beams (L.I.)	m	32
54	Chase out plaster cracks minimum 200mm both sides to form recess 25mm wide and 20mm deep, and fill with 1:3 cement mortar, including fixing strip of galvanized bird wire not less than 300mm wide to brickwork and floating up smooth with polyfiller skimcoat to match existing (L.I.)	m	864
55	Chase out plaster cracks minimum 500mm both sides to form recess 20mm wide and 30mm deep, and fill with 1:4 cement mortar, including fixing 50 x 50 x1.8mm thick galvanised "Weldmesh", not less than 400mm wide to brickwork with "Hilti" nails or staples and floating up smooth to match existing (L.I.)	m	1 296
56	Cut recess in plastered brick walls for wedging and pinning metal flashing (elsewhere)	m	43
57	Cut recess in plastered brick walls for wedging and pinning stepped metal apron flashing (elsewhere)	m	43
<b><u>External brick-on-edge header course copings, sills, etc of external face bricks (to match existing) pointed with flush horizontal and vertical joints</u></b>			
58	220mm Wide door threshold where one brick wall removed (L.I.)	m	73

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**Making good gypsum plasterboard ceilings and timber branderling**

59	Ceilings where 110mm brick walls removed (L.I.)	m	9
60	Ceilings where 220mm brick walls removed (L.I.)	m	104

**SERVICE EXISTING EQUIPMENT, REPAIRS, ETC**

**Service existing aluminium windows**

61	Overhaul, adjust and service window size, 600 x 600mm high to ensure proper operation (L.I.)	No	16
62	Overhaul, adjust and service window size, 600 x 900mm high to ensure proper operation (L.I.)	No	12
63	Overhaul, adjust and service window size, 600 x 1200mm high to ensure proper operation (L.I.)	No	6
64	Overhaul, adjust and service window size, 1511 x 475mm high to ensure proper operation (L.I.)	No	4
65	Overhaul, adjust and service window size, 900 x 1000mm high to ensure proper operation (L.I.)	No	6
66	Overhaul, adjust and service window size, 1800 x 600mm high to ensure proper operation (L.I.)	No	2
67	Overhaul, adjust and service window size, 1200 x 900mm high to ensure proper operation (L.I.)	No	5
68	Overhaul, adjust and service window size, 1200 x 1000mm high to ensure proper operation (L.I.)	No	8
69	Overhaul, adjust and service window size, 1700 x 900mm high to ensure proper operation (L.I.)	No	4
70	Overhaul, adjust and service window size, 1800 x 475mm high to ensure proper operation (L.I.)	No	4
71	Overhaul, adjust and service window size, 1800 x 900mm high to ensure proper operation (L.I.)	No	4

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72	Overhaul, adjust and service window size, 2400 x 600mm high to ensure proper operation (L.I.)	No	5	
73	Overhaul, adjust and service window size, 900 x 2210mm high to ensure proper operation (L.I.)	No	3	
74	Overhaul, adjust and service window size, 1000 x 2210mm high to ensure proper operation (L.I.)	No	3	
75	Overhaul, adjust and service window size, 2400 x 900mm high to ensure proper operation (L.I.)	No	3	
76	Overhaul, adjust and service window size, 1200 x 1290mm high to ensure proper operation (L.I.)	No	4	
77	Overhaul, adjust and service window size, 1200 x 1500mm high to ensure proper operation (L.I.)	No	2	
78	Overhaul, adjust and service window size, 1200 x 1545mm high to ensure proper operation (L.I.)	No	6	
79	Overhaul, adjust and service window size, 1700 x 1460mm high to ensure proper operation (L.I.)	No	7	
80	Overhaul, adjust and service window size, 1800 x 1460mm high to ensure proper operation (L.I.)	No	2	
81	Extra on servicing existing aluminium window sash for supply and fitting new handle (L.I.)	No	9	
82	Extra on servicing existing aluminium window sash for supply and fitting new friction stay (L.I.)	No	8	
	<b><u>Service existing aluminium doors</u></b>			
83	Examine existing single door and frame, size 1250 x 2100mm high, refit loose items, replace missing items, repair, service and adjust to ensure proper working condition (L.I.)	No	5	
84	Examine existing double door and frame, size 1800 x 2064mm high, refit loose items, replace missing items, repair, service and adjust to ensure proper working condition (L.I.)	No	8	
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85	Examine existing double fire door and frame, size 1800 x 2064mm high, refit loose items, replace missing items, repair, service and adjust to ensure proper working condition (L.I.)	No	7	
	<b><u>Service existing sanitary fittings</u></b>			
86	Examine existing ceramic basins, wash and clean overflows, service taps thoroughly and replace washers, fit new plug and chain, seal area between basin and walls with clear silicone, and leave perfect in working order (L.I.)	No	40	
87	Examine existing stainless steel sink, clean overflows, service taps thoroughly and replace washers, fit new plug and chain, seal area between sink and walls with clear silicone, and leave perfect in working order (L.I.)	No	40	
88	Examine existing showers, take out and replace existing shower rose with Cobra "Power" vandal resistant shower head (code KP2.51) with ball joint connection and leave perfect in working order (L.I.)	No	10	
89	Service existing water closet including cistern, flushing mechanism, etc including replacing damaged and defective parts and leave in good working order (L.I.)	No	40	
90	Service existing urinal including, flushing mechanism, etc including replacing damaged and defective parts and leave in good working order (L.I.)	No	16	
	<b><u>Ceilings, cornices, etc</u></b>			
91	Re-align and re-fix existing loose cornices (L.I.)	m	94	
92	Re-align and re-fix existing loose fascia boards and barge boards including new H-type jointing strips (L.I.)	m	71	
	<b><u>Fittings, etc.</u></b>			
93	Re-hung and secure loose light fittings (L.I.)	No	50	
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<b><u>Service existing inspection chambers, manholes, etc</u></b>				
94	Examine existing manhole, clean overflows, and leave perfect in working order and replace covers (covers elsewhere) (L.I.)	No	24	
95	Examine existing catch pit, clean overflows, and leave perfect in working order (L.I.)	No	33	
<b><u>Repair and renovate metalwork</u></b>				
96	Profiled metal sheeting roof covering, including securing with bolts, etc (paint elsewhere measured) (L.I.)	m2	100	
<b><u>INSTALLATION OF ITEMS PREVIOUSLY SET ASIDE FOR RE-USE</u></b>				
<b><u>Doors</u></b>				
97	Timber single door and steel frame not exceeding 2m2 (L.I.)	No	10	
98	Timber double door and steel frame exceeding 2,5m2 and not exceeding 5m2 (L.I.)	No	5	
<b><u>Roof sheets, fittings, etc</u></b>				
99	Re-install existing profiled or corrugated metal roofing including roof covering previously set aside for re-use, tighten, replace as necessary and seal all side laps, end laps, ridges and all roof screws using minimum 75 x 75 "Sealoflex" waterproofing system to existing corrugated roof (Measured on flat) (L.I.)	m2	100	
100	Re-install steel gutters and downpipes from roofs (L.I.)	m	1 059	
<b><u>Steel gates</u></b>				
101	Clean, service existing steel single gate and frame not exceeding 2,5m2, including making good (L.I.)	No	6	
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<u>Ironmongery</u>		
102	"TR200" 200 x 29mm Deep lipped channel profile wall protectors, clipped onto rebated laminated timber plank (L.I.)	m 80
103	45mm Aluminium straight edge protector, type ESA/ESB (L.I.)	m 40
104	Locksets (L.I.)	No 20
105	Door handles (L.I.)	No 20
106	Hinges (L.I.)	No 20
107	Flush bolts (L.I.)	No 20
108	Double action floor spring complete with stainless steel cover plate, bottom strap, top centre with 90 degrees fixed position hold open, etc (L.I.)	No 18
109	Cam action door closer with 90 degree fixed position hold open with arm bracket, etc. fixed to metal or timber (L.I.)	No 15
110	Kick plates and push plates (L.I.)	No 20
111	200 x 100 x 32mm Backing plate, plugged to brickwork with three solid brass screws (L.I.)	No 32
<u>Sundry joinery</u>		
112	Timber bumper rail (L.I.)	m 45

**REMEDIAL WORK (Provisional)**

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Note:

The following work will only be executed upon instruction from the Employer (KZN Department of Health) through the Principal Agent if and when required and instructed by the Director of Health at KZN Department of Health

The Employer shall not be held responsible or liable to the Contractor for any financial claims in the event that no or limited work is executed under this provision

Allowances for remedial work to be carried out on work previously carried out

113 Allow the money provision of R950 000,00 (Nine Hundred and Fifty Thousand Rand) for remedial work to be carried out as directed by the Principal Agent

Item

950 000.00

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**Dewatering of excavations**

The Contractor shall allow for removing seepage and other water from subterranean sources from the excavations by pumping, baling or otherwise

Accurate records of all such dewatering shall be kept to determine the total volume of water so removed and a clear distinction shall be made between water from subterranean sources and other water

**Filling**

Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material

**Testing**

*Prices for filling are to include for all necessary density tests in accordance with SANS 1200D*

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**EXCAVATION, FILLING, ETC OTHER THAN BULK**

**Excavation in earth not exceeding 2m deep**

1	Reduced levels under floors (L.I.)	m3	1 380
2	Trenches (L.I.)	m3	85

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<b><u>Extra over trench and hole excavation in earth for excavation in</u></b>				
3	Soft excavations (L.I.)	m3	115	
4	Intermediate excavations (L.I.)	m3	58	
<b><u>Earth filling obtained from the excavations (not compacted)</u></b>				
5	In prescribed stock piles on site (L.I.)	m3	51	
<b><u>Extra over all excavations for carting away</u></b>				
6	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor (L.I.)	m3	1 414	
<b><u>Risk of collapse of excavations</u></b>				
7	Sides of trench and hole excavations not exceeding 1,5m deep (L.I.)	m2	146	
<b><u>Keeping excavations free of water</u></b>				
8	Keeping excavations free of water other than subterranean water		Item	
<b><u>FILLING, ETC</u></b>				
<b><u>Filling obtained from the excavations and/or prescribed stock piles on site</u></b>				
9	Backfilling to trenches, holes, etc compacted to 95% Modified AASHTO density (L.I.)	m3	51	
<b><u>Approved filling of G7 material supplied by the contractor</u></b>				
10	Under floors, steps, pavings, etc compacted to 93% Modified AASHTO density (L.I.)	m3	690	
11	Under floors, steps, pavings, etc compacted to 95% Modified AASHTO density (L.I.)	m3	690	
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<b><u>Approved filling of G4 material supplied by the contractor</u></b>		
12	Under floors, steps, pavings, etc compacted to 95% Modified AASHTO density (L.I.)	m3 22
<b><u>Coarse river sand filling supplied by the contractor</u></b>		
13	Under floors etc (L.I.)	m3 138
<b><u>Compaction of surfaces</u></b>		
14	Compaction of ground surface in trenches including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density (L.I.)	m2 73
15	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density (L.I.)	m2 4 600
<b><u>Prescribed density tests on filling</u></b>		
16	"Modified AASHTO Density" test	No 50
<b><u>SOIL POISONING</u></b>		
<b><u>Soil insecticide in accordance with SANS 10124</u></b>		
17	Under floors, etc including forming and poisoning shallow furrows against foundation walls, etc, filling in furrows and ramming	m2 4 600
18	To bottoms and sides of trenches, etc	m2 296

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	<p><b><u>BILL No 3</u></b></p> <p><b><u>CONCRETE, FORMWORK AND REINFORCEMENT (PROVISIONAL)</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 110 UNLESS OTHERWISE STATED)</u></b></p> <p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p> <p><b><u>Cost of tests</u></b></p> <p>The costs of making, storing and testing of concrete test 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 on the tests to the representative/agent. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the representative/agent</p>			
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	<p>Section No. 2                      Bill No. 3                      CONCRETE, FORMWORK AND REINFORCEMENT (PR                      ProQS Vryheid ©                      OCTOBER 2021</p>			

**Formwork**

Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use

The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES**

**15Mpa/19mm concrete**

1	Surface blinding under footings and bases (L.I.)	m3	6
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**REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES**

**25Mpa/19mm concrete**

2	Strip footings, bases, etc (L.I.)	m3	37
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**REINFORCED CONCRETE CAST ON/IN FORMWORK**

**25Mpa/19mm concrete**

3	Concrete walkways cast in panels, laid to fall, with control joints filled with polysulphide sealant (L.I.)	m3	460
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**CONCRETE TESTING**

**Concrete strength test cubes**

4	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	75
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**Concrete moisture content test**

5	"Tramex Concrete Moisture Encounter CME 4" test	No	25
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**CONCRETE SUNDRIES**

**Finishing top surfaces of concrete smooth with a steel trowel**

6	Surface beds, slabs, etc to falls and currents (L.I.)	m2	4 600
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**Finishing top surfaces of concrete smooth with a power float**

7	Surface beds, slabs, etc to falls and currents (L.I.)	m2	460
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**SMOOTH FORMWORK (DEGREE OF ACCURACY II)**

**(CPAP Work Group No. 111)**

**Smooth formwork to sides**

8	Edges, risers and reveals not exceeding 300mm high	m	2 910
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**MOVEMENT JOINTS ETC**

**Expansion joints with 10mm closed cell expanded between vertical concrete surfaces, including formwork to edge**

9	Not exceeding 300mm high	m	2 407
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**Two layers of 375 micron damp proof course in slip joints between horizontal concrete and brick surfaces including cement mortar**

10	Joints not exceeding 300mm wide (Provisional)	m	1 457
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	<b><u>Expansion joints with bitumen impregnated softboard between vertical concrete surfaces</u></b>			
11	10mm Joints not exceeding 300mm wide (Provisional) (L.I.)	m	1 244	
	<b><u>"Honel 5N50" Teflon or equal approved slide slip joints between existing horizontal concrete and brick surfaces complete as per "Methodology for Installation of Bearings Below Pharmacy Roof Slab"</u></b>			
12	Joints not exceeding 300mm wide (Provisional)	m	505	
	<b><u>Saw cut joints</u></b>			
13	Form 3 x 30mm saw cut to top of concrete within twelve hours of pouring (L.I.)	m	995	
	<b><u>High tensile steel dowel bars (Provisional)</u></b>			
14	16mm Diameter staggered dowel bars 700mm long, doweled and epoxied 200mm deep with "HILTI HY200" or equivalent into existing concrete surface beds, including drilling holes through existing concrete (L.I.)	No	256	
	<b><u>REINFORCEMENT (PROVISIONAL)</u></b>			
	<b><u>(CPAP Work Group No. 114)</u></b>			
	<b><u>Mild steel reinforcement to structural concrete work</u></b>			
15	12mm Diameter bars (L.I.)	t	0.27	
	<b><u>High tensile steel reinforcement to structural concrete work</u></b>			
16	10mm Diameter bars (L.I.)	t	0.62	
17	12mm Diameter bars (L.I.)	t	0.62	
	<b><u>Fabric reinforcement</u></b>			
18	Type 193 fabric reinforcement in concrete surface beds etc (L.I.)	m2	4 600	

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<p><b><u>BILL No 4</u></b></p>			
<p><b><u>MASONRY (PROVISIONAL)</u></b></p>			
<p><b><u>(CPAP WORK GROUP NO. 116 UNLESS OTHERWISE STATED)</u></b></p>			
<p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>Proprietary items or materials</u></b></p>			
<p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p>			
<p><b><u>Sizes in description</u></b></p>			
<p>Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick</p>			
<p><b><u>Cement mortar</u></b></p>			
<p>Unless otherwise described, all brickwork shall be built in 1:5 cement mortar</p>			
<p><b><u>Hollow walls, etc</u></b></p>			
<p>Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole. Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixal" bitumen emulsion waterproof coating</p>			
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**Face bricks**

Bricks shall be ordered timeously to obtain uniformity in size and colour

**Samples, etc**

Rates for brickwork, faced brickwork, etc shall include for all required samples

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**BRICKWORK****FOUNDATIONS (PROVISIONAL)**

**Brickwork of NFX bricks (14 MPa nominal compressive strength) in 1:5 mortar in stretcher bond**

1	Half brick walls (L.I.)	m2	49
2	One brick walls (L.I.)	m2	73
3	345mm Brick walls (L.I.)	m2	73

**BRICKWORK SUNDRIES****SUPERSTRUCTURE**

**Brickwork of NFX bricks (14 MPa nominal compressive strength) in 1:5 mortar in stretcher bond**

4	Half brick walls (L.I.)	m2	237
5	One brick walls (L.I.)	m2	312
6	345mm Brick walls (L.I.)	m2	312

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<b><u>BRICKWORK SUNDRIES</u></b>				
<b><u>Bagging of 1:3 cement and sand mixture</u></b>				
7	On brick walls	m2	330	
<b><u>Brickwork reinforcement</u></b>				
8	75mm Wide reinforcement built in horizontally (L.I.)	m	697	
9	150mm Wide reinforcement built in horizontally (L.I.)	m	1 064	
<b><u>Joint forming material in movement joints</u></b>				
10	10mm Bitumen impregnated fibre board built in vertically between brick skins (L.I.)	m2	2 286	
11	20mm thick x 150mm wide "Jointex" or equally approved closed cell void former built in vertically between brick skins (L.I.)	m	2 053	
<b><u>Mild steel dowel bars</u></b>				
12	6mm Diameter dowel bar 450mm long with one end anchored 100mm deep in side of existing walls with "Sika Anchorfix-S" adhesive to manufactures specifications and the other side embedded 350mm into bed joint of the new wall (Provisional)	No	65	
<b><u>High tensile steel dowel bars (Provisional)</u></b>				
13	16mm Diameter staggered dowel bars 400mm long, dowelled and epoxied 350mm deep with "HILTI HY200" or equal approved at 300mm centres into existing brickwork, including drilling holes through existing brickwork and cement mortar (L.I.)	No	80	
<b><u>Prestressed fabricated concrete lintels including necessary temporary supports</u></b>				
14	110 x 75mm Lintels in lengths not exceeding 3m (L.I.)	m	92	
<b><u>Turning pieces to lintels etc</u></b>				
15	220mm Wide turning pieces (L.I.)	m	92	
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16	345mm Wide turning pieces (L.I.)	m	92
	<b><u>Galvanised hoop iron cramps, ties, etc</u></b>		
17	30 x 2mm Wall tie strips shot pinned to concrete and with ties bent out and built into brickwork (L.I.)	m	164
18	30 x 2mm Hoop iron roof tie 1 620mm girth, bent to form 150mm T-shaped end embedded in brickwork and concrete and other end wrapped around, drawn tight and spiked to roof timbers (L.I.)	No	170
19	30 x 1.6mm Wall tie strips of hoop iron fixed to the brickwork over full height (L.I.)	No	198
	<b><u>FACE BRICKWORK</u></b>		
	<b><u>Face bricks to be "Corobrik FBX" or equivalent approved in stretcher bond in colours to match existing, pointed with recessed horizontal and vertical joints with a gauge of 85mm</u></b>		
20	Extra over brickwork in foundations for face brickwork (Provisional) (L.I.)	m <sup>2</sup>	73
21	Extra over brickwork for face brickwork externally (L.I.)	m <sup>2</sup>	110
22	Extra over brickwork for brick-on-edge header course lintels one course high, pointed on face and 110mm soffit (L.I.)	m	92
	<b><u>Brick-on-edge header course copings, sills, etc of "Corobrik Firelight Travertine FBX" face bricks or equivalent in colours to match existing, pointed with 6mm recessed joints on all exposed faces</u></b>		
23	220mm Wide sills set sloping and slightly projecting (L.I.)	m	92
24	220mm Copings on top of one brick walls (L.I.)	m	73

**REMEDIAL WORK (Provisional)**

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Note:

The following work will only be executed upon instruction from the Employer (KZN Department of Health) through the Principal Agent if and when required and instructed by the Director of Health at KZN Department of Health

The Employer shall not be held responsible or liable to the Contractor for any financial claims in the event that no or limited work is executed under this provision

Allowances for remedial work to be carried out on work previously carried out

25 Allow the money provision of R500 000,00 (Five Hundred Thousand Rand) for remedial work to be carried out as directed by the Principal Agent

Item

500 000.00

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	<p><b><u>BILL No 5</u></b></p> <p><b><u>WATERPROOFING (PROVISIONAL)</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 120 UNLESS OTHERWISE STATED)</u></b></p> <p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p> <p><b><u>Labour Intensive</u></b></p> <p>All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted</p> <p>The Contractor must take this method of construction into consideration when programming the works</p> <p><b><u>DAMP PROOFING OF WALLS AND FLOORS</u></b></p> <p><b><u>One layer of 375 micron embossed black polyethylene sheeting damp proof course (complying with SANS 952-1969 as Type B) in</u></b></p>			
1	Walls (L.I.)	m2	9	
	<p><b><u>One layer of 250 micron green polyethylene sheeting (complying with SANS 952-1969 as Type C) sealed at laps with approved pressure sensitive tape</u></b></p>			
2	Under surface beds (L.I.)	m2	4 600	
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	<b><u>Cementitious waterproofing system comprising patching defects with polymer modified flexible (PMF) waterproofing slurry and three full coats PMF waterproofing slurry applied with a brush to a final dry film thickness of 2 to 3mm</u></b>		
3	On walls	m2	40
	<b><u>JOINT SEALANTS, ETC</u></b>		
	<b><u>"Sikaflex AT Facade" or equivalent approved joint sealant</u></b>		
4	10mm In joints between concrete and walls	m	3 105
	<b><u>Two layers, three "Plymalthoid" joint sealing</u></b>		
5	10mm In joints between concrete and walls	m	952
	<b><u>"abe Duracol G" with "Epidermix 326" or equivalent approved two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u></b>		
6	3 x 5mm In saw cut joints in floors	m	995
7	10 x 25mm In expansion joints in floors including raking out expansion joint filler as necessary.	m	1 244
	<b><u>"abe Duracol G" with "Epidermix 365" or equivalent two-part, solvent free, polyamide cured liquid epoxy sealing compound including backing cord, bond breaker, primer, etc</u></b>		
8	10 x 25mm In expansion joints in walls etc including raking out expansion joint filler as necessary	m	1 705

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<p><b><u>BILL No 6</u></b></p>			
<p><b><u>ROOF COVERINGS (PROVISIONAL)</u></b></p>			
<p><b><u>(CPAP WORK GROUP NO. 124 UNLESS OTHERWISE STATED)</u></b></p>			
<p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>Proprietary items or materials</u></b></p>			
<p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p>			
<p><b><u>Fixing</u></b></p>			
<p>Fixing shall be done according to SANS 1200HB with minimum 225mm end laps</p>			
<p><b><u>Labour Intensive</u></b></p>			
<p>All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted</p>			
<p>The Contractor must take this method of construction into consideration when programming the works</p>			
<p><b><u>PROFILED METAL SHEETING AND ACCESSORIES</u></b></p>			
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**0.58mm "GRS Klip-Tite 700" or equivalent Z275 ISQ 550 heavy industrial galvanized profiled sheet steel to match existing, fixed to timber purlins at max 1000mm centres using "KL700" clips which must be screw fixed to timber purlins with self drilling water head "PH2" screws, accessories complete with galvanised fixing brackets, etc. all in accordance with manufacturer's recommendations (purlins elsewhere measured)**

1	Roof covering with pitches not exceeding 25 degrees (L.I.)	m2	128
2	Counter flashing 185mm girth, two times bent along girth (L.I.)	m	42
3	Head wall flashing 337mm girth, once bent along girth in conjunction with broad flute serrated closers (L.I.)	m	42
4	Ridge Cap 462mm girth 1 bend in conjunction with broad flute serrated closers (L.I.)	m	25
5	Valley Gutter 616mm girth, 4 times bent along girth (L.I.)	m	25
6	Narrow and broad flute closers (L.I.)	m	92
<b><u>Sundries</u></b>			
7	"Sondor Performance Foams" or equally approved expanded polyethylene polyclosures (L.I.)	m	92

**ROOF AND WALL INSULATION**

**"Sisalation 420" or equivalent fire retardant industrial grade reinforced aluminium foil insulation double sided, durable, reflective foil laminate incorporating a fire retardant between the various substrates, bonded together with low density polyethylene**

8	Insulation laid taut over purlins/battens and fixed concurrent with roof covering, including taped laps and nylon straining wires (L.I.)	m2	128
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	<p><b><u>BILL No 7</u></b></p> <p><b><u>CARPENTRY AND JOINERY (PROVISIONAL)</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 126 UNLESS OTHERWISE STATED)</u></b></p> <p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p> <p><b><u>Fixing</u></b></p> <p>Unless otherwise described all carpentry and joinery work shall be deemed to be fixed complete with all sawn timbers spiked on and all wrought timbers nailed on. Other methods of fixing are specially described as follows:</p> <p>a. "Bolted on" shall mean fixed with bolts, the bolts and the holes elsewhere measured</p> <p>b. "Plugged" shall mean fixed with hardened steel nails or with spikes or wire nails as is suitable for the member concerned to and including hardwood plugs set in brickwork, blockwork or concrete</p> <p>c. "Plugged and screwed" shall mean fixed with screws to and including patent fibre or plastic plug set in brickwork, blockwork or concrete</p> <p style="text-align: right;"><b>Carried to Collection</b></p> <p>Section No. 2                      Bill No. 7                      CARPENTRY &amp; JOINERY (PROVISIONAL)                      ProQS Vryheid ©                      OCTOBER 2021</p>			R

d. "Plugged and pelleted" shall mean plugging as last described and screwing with the heads of screws sunk and pelleted with pellets of same timber as that being fixed, glued in

**Pretreatment of timber**

All timber including scaffolding, formwork, etc. used on site shall be free of borer or other beetle and termite infection. All permanent softwood fixed in buildings shall be treated against borer, etc. in accordance with Government Notice R451 of 1969-03- 28 using Class B or C preservative. The type of preservative used shall be appropriate to the use of the timber. Any prescribed treatment shall comply with SANS 05

When treated timbers are cut, the cut surfaces shall be effectively brushed with at least two coats of preservative solution.

**Decorative laminate finish**

Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**Making good of existing**

Unless otherwise described all work to carpentry and joinery shall be deemed to be in patches and small areas.

**EAVES, VERGES, ETC**

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<p><b><u>"Everite Nutec" high density plain ungrooved fascia boards, twice screwed with 12 x 40mm countersunk brass screws at 900mm centres with aluminium H-profile fascia joiner between boards and aluminium H-profile fascia corner joiners at board ends</u></b></p>			
1	12 x 225mm Fascia and barge boards (L.I.)	m	315
<p><b><u>FLOORS AND SKIRTINGS</u></b></p>			
<p><b><u>Wrought meranti</u></b></p>			
2	19 x 75mm Skirtings including 19mm quadrant bead, plugged (L.I.)	m	234
<p><b><u>ROOF SUNDRIES</u></b></p>			
<p><b><u>Sundries</u></b></p>			
3	Two coats creosote on sawn roof timbers (L.I.)	m2	12
<p><b><u>BUMPRAILS, ETC</u></b></p>			
<p><b><u>Wrought meranti</u></b></p>			
4	200 x 100 x 32mm Backing plate, plugged to brickwork with three solid brass screws (L.I.)	No	41
<p><b><u>Wrought laminated saligna</u></b></p>			
5	300 x 30mm Thick bumper rails, plugged to brickwork with two solid brass screws at maximum 450mm centres and silicon sealant for the entire length (L.I.)	m	45
<p><b><u>REMEDIAL WORK TO JOINERY FITTINGS</u></b></p>			
<p><b><u>(Provisional)</u></b></p>			

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Note:

The following work will only be executed upon instruction from the Employer (KZN Department of Health) through the Principal Agent if and when required and instructed by the Director of Health at KZN Department of Health

The Employer shall not be held responsible or liable to the Contractor for any financial claims in the event that no or limited work is executed under this provision

**Furniture, fittings, etc.**

- 6 Provide the sum of R350 000 (Three Hundred and Fifty Thousand Rands) for unforeseen remedial works to Carpentry & Joinery installation
- 7 Profit
- 8 Attendance

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350 000.00

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<p><b><u>BILL No 8</u></b></p>			
<p><b><u>CEILINGS, PARTITIONS ETC (PROVISIONAL)</u></b></p>			
<p><b><u>(CPAP WORK GROUP NO. 129 UNLESS OTHERWISE STATED)</u></b></p>			
<p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p>			
<p><b><u>Proprietary items or materials</u></b></p>			
<p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p>			
<p><b><u>Flush plastered gypsum plasterboard suspended bulkheads</u></b></p>			
<p>Descriptions shall be deemed to include any additional studs at ends and intersections, corner beads, cornices at junctions with ceilings, jointing compound, tape, etc</p>			
<p><b><u>Fixing</u></b></p>			
<p>Unless otherwise described all carpentry and joinery work shall be deemed to be fixed complete with all sawn timbers spiked on and all wrought timbers nailed on. Other methods of fixing are specially described as follows:</p>			
<p>a. "Bolted on" shall mean fixed with bolts, the bolts and the holes elsewhere measured</p>			
<p>b. "Plugged" shall mean fixed with hardened steel nails or with spikes or wire nails as is suitable for the member concerned to and including hardwood plugs set in brickwork, blockwork or concrete</p>			
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c. "Plugged and screwed" shall mean fixed with screws to and including patent fibre or plastic plug set in brickwork, blockwork or concrete

d. "Plugged and pelleted" shall mean plugging as last described and screwing with the heads of screws sunk and pelleted with pellets of same timber as that being fixed, glued in

**Branding**

Branding shall be nailed and in addition be tied with a wire tie at every third junction to the support structure

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**Making good of existing**

Unless otherwise described all work to ceilings , partitioning, etc. shall be deemed to be in patches and small areas.

**CEILING TIMBERS, BEADS, INSULATION, ETC**

**Wrought meranti**

1	10 x 40mm Cornices, plugged (L.I.)	m	47
2	32 x 32mm Cornices, plugged (L.I.)	m	94
3	76 x 75mm Cornices, plugged (L.I.)	m	141

**"Isotherm" or equivalent insulation**

4	50mm Thick insulation closely fitted and stapled to rafters all to manufactures specifications (L.I.)	m2	736
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**NAILED UP CEILINGS**

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	<b><u>6.4mm "Rhino" gypsum plasterboard ceiling with H-profile galvanised steel jointing strips</u></b>			
5	Ceilings including 38 x 50mm sawn softwood branderling at 450mm centres generally in one direction and 38 x 38mm branders and cross branders at joints and edges of boards (L.I.)	m2	381	
	<b><u>9.5mm "Rhino" gypsum plasterboard ceiling with taped joints and 3-6mm "Rhinolite" skim plaster</u></b>			
6	Ceilings including 38 x 50mm sawn softwood branderling at 450mm centres generally in one direction and 38 x 38mm branders and cross branders at joints and edges of boards (L.I.)	m2	136	
	<b><u>4mm "Everite" nutec fibre cement ceiling board complete with scrimed joints screwed up to timber battens</u></b>			
7	Ceilings including 38 x 50mm sawn softwood branderling at 450mm centres generally in one direction and 38 x 38mm branders and cross branders at joints and edges of boards (L.I.)	m2	136	
	<b><u>SUSPENDED CEILINGS</u></b>			
	<b><u>9.5mm "Rhino" or equivalent plasterboard flush plastered ceiling system, screwed up to tee suspension system including galvanised main tees, cross tees, hold down clips, wedges, reinforcement splines, etc all suspended with galvanised hangers at centres not exceeding 1200mm</u></b>			
8	Ceilings suspended not exceeding 1m below timber trusses (L.I.)	m2	150	
	<b><u>Gypsum plasterboard cornices</u></b>			
9	75mm Coved cornice (L.I.)	m	70	

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	<b><u>4mm "Everite" nutec fibre cement ceiling board complete with skimmed joints screwed up to tee suspension system including galvanised main tees, cross tees, hold down clips, wedges, reinforcement splines, etc all suspended with galvanised hangers at centres not exceeding 1200mm</u></b>		
10	Ceilings suspended not exceeding 1m below timber trusses (L.I.)	m2	69
11	Ceilings suspended not exceeding 1m below timber concrete soffits (L.I.)	m2	69
	<b><u>OWAcoustic Cosmos 68/N needed mineral wool ceiling tiles size 600 x 600 x 15mm thick with square edge and white painted finish laid on OWA Construct S15 pre-painted exposed T15 tee suspension system including galvanised main tees, cross tees, hold down clips, wedges, reinforcement splines, etc all suspended with galvanised hangers at centres not exceeding 1200mm</u></b>		
12	Ceilings suspended not exceeding 1m below timber trusses (L.I.)	m2	69
	<b><u>OWA pre-painted No 56/20 - SM25 shadowline cornices</u></b>		
13	Galvanised pre-painted shadowline cornice, plugged (L.I.)	m	70
	<b><u>6mm Fibre cement ceiling tiles, size 600 x 600 x 15mm thick with square edge and white vinyl face covering laid to white pre-painted exposed tee suspension system including galvanised main tees, cross tees, hold down clips, wedges, reinforcement splines, etc all suspended with galvanised hangers at centres not exceeding 1200mm</u></b>		
14	Ceilings suspended not exceeding 1m below timber trusses (L.I.)	m2	69

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**6mm Fibre cement ceiling tiles, size 600 x 1200 x 15mm thick with square edge and white vinyl face covering laid to white pre-painted exposed tee suspension system including galvanised main tees, cross tees, hold down clips, wedges, reinforcement splines, etc all suspended with galvanised hangers at centres not exceeding 1200mm**

15 Ceilings suspended not exceeding 1m below timber trusses (L.I.)

m2

69

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	<p><b><u>BILL No 9</u></b></p> <p><b><u>FLOOR COVERINGS, WALL LININGS, ETC (PROVISIONAL)</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 130 UNLESS OTHERWISE STATED)</u></b></p> <p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p> <p><b><u>Fixing</u></b></p> <p>Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc</p> <p><b><u>Preparation for vinyl sheeting/tiles</u></b></p> <p>(a) All foreign matter to be removed from the floor surface by scrapping or rubbing down the area with carborundum</p> <p>(b) Screeds to be level and even with all high points ground down</p> <p><b><u>Fixing</u></b></p> <p>Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc</p> <p style="text-align: right;"><b>Carried to Collection</b></p> <p>Section No. 2                      Bill No. 9                      FLOOR COVERINGS, WALL LININGS, ETC (PROVISIO                      ProQS Vryheid ©                      OCTOBER 2021</p>			R



**General**

Carpeting shall be laid in strict accordance with SABS 0186-1990

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**Making good of existing**

Unless otherwise described all work to floor coverings, wall linings, etc. shall be deemed to be in patches and small areas.

**FLOOR COVERINGS**

**2.5mm Thick "Marley HD" or equivalent fully flexible seamless vinyl sheeting with welded joints fully bonded with adhesive**

1	On floors (L.I.)	m2	550
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**Carpet including adhesive to match existing**

2	On floors (L.I.)	m2	185
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**Clean, strip tiles and apply two coats of metallised floor dressing to match existing**

3	On floors (L.I.)	m2	550
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**SKIRTINGS, NOSINGS, ETC**

**"Marley Extruda MFE5" or equivalent skirtings, nosings, etc**

4	275mm High skirtings sealed to wall (L.I.)	m	234
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**WALL AND CORNER PROTECTORS**

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	<b><u>"FloorworX Intrad PVC Grey" or equivalent plastic high impact resistant wall and corner protection system</u></b>			
5	"TR200" 200 x 29mm Deep lipped channel profile wall protectors, clipped onto rebated laminated timber plank (elsewhere measured) (L.I.)	m	94	
	<b><u>"Genesis" or equivalent</u></b>			
6	45mm Aluminium straight edge protector, type ESA/ESB (L.I.)	m	47	
7	60 x 3mm PVC cover strip welded on both sides (code: CIA606) (L.I.)	m	47	
	<b><u>POLISH, SEALERS, ETC</u></b>			
	<b><u>Wash down floors and clean with "Gloria Blue Concentrate" or equivalent floor vinyl floor cleaner, allow to dry and apply two coats of "Gloria A.P." or equivalent metallised floor sealer and finish with two coats of "Gloria Forte" or equivalent metallised floor dressing</u></b>			
8	To vinyl floor finishes (L.I.)	m2	550	
	<b><u>TESTING</u></b>			
	<b><u>Testing</u></b>			
9	Floor moisture content test complete	No	15	
	<b><u>REMEDIAL WORK (Provisional)</u></b>			
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**Note:**

The following work will only be executed upon instruction from the Employer (KZN Department of Health) through the Principal Agent if and when required and instructed by the Director of Health at KZN Department of Health

The Employer shall not be held responsible or liable to the Contractor for any financial claims in the event that no or limited work is executed under this provision

**Allowances for remedial work to be carried out on work previously carried out**

10 Allow the money provision of R430 000,00 (Four Hundred and Thirty Thousand Rand) for remedial work to be carried out as directed by the Principal Agent

Item

430 000.00

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	<p><b><u>BILL No 10</u></b></p> <p><b><u>IRONMONGERY (PROVISIONAL)</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 132 UNLESS OTHERWISE STATED)</u></b></p> <p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p> <p><b><u>Finishes to ironmongery</u></b></p> <p>Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded</p> <p><b><u>Fixing</u></b></p> <p>Unless otherwise described all ironmongery shall be deemed to be fixed to timber, complete with and including matching screws:</p> <p>a. "Bolted on" shall mean fixed with bolts</p>			
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b. "Plugged" shall mean fixed with matching screws to and including hardwood plugs set in brickwork, blockwork or concrete

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**HINGES, BOLTS, ETC**

**"Assa Abloy" or equivalent**

1	AL8208-225AS Nickle plated flush bolts (L.I.)	No	20
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**"Union" or equivalent**

2	8352-100SB Ball bearing butt hinges (L.I.)	No	20
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3	100mm Galvanised steel loose-pin hinges welded in position (L.I.)	No	20
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**LOCKS**

**Keys**

Unless otherwise described locks shall have two keys each

**"Solid" or equivalent**

4	"Solid Art 390/313" Three lever mortice lockset and satin chrome plated handles (L.I.)	No	5
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5	"Solid Art 390/313" Four lever mortice lockset and satin chrome plated handles (L.I.)	No	5
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6	"Solid Art 390/313" Five lever mortice lockset and satin chrome plated handles (L.I.)	No	5
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<b><u>"Union" or equivalent</u></b>				
7	37651 Helping hand facility indicator bolt fixed to metal (L.I.)	No	5	
<b><u>"Cisa" or equivalent</u></b>				
8	"42022-50" Deadbolt (L.I.)	No	5	
9	"0G300-07-12" 59mm Double cylinder (L.I.)	No	5	
<b><u>"Howick Metals" or equivalent</u></b>				
10	H415 900 x 200mm Aluminium lever action flush bolts fixed to timber (L.I.)	No	10	
11	H460 180 x 200mm Aluminium lever action flush bolts fixed to aluminium (L.I.)	No	10	
<b><u>DOOR CLOSURES</u></b>				
<b><u>"Dorma" or equivalent</u></b>				
12	"TS92" Cam action door closer with 90 degree fixed position hold open with arm bracket fixed to metal (L.I.)	No	10	
13	"Dorma BTS 75V" Double action floor spring complete with "7410" stainless steel cover plate, "7421" bottom strap, "8062" top centre with 90 degrees fixed position hold open (L.I.)	No	2	
14	"Dorma BTS 80" Double action floor spring with switchable hold open option complete with 7410 stainless steel cover plate, 7421 bottom strap, 8062 top centre with 90 degrees fixed position hold open (L.I.)	No	2	
<b><u>CATCHES, CABIN HOOKS, ETC</u></b>				
<b><u>"QS Products" or equivalent</u></b>				
15	200mm "QS4449/4" cabin hook and eye including 100 x 100 x 20mm chamfered hardwood block twice oiled and plugged (L.I.)	No	10	
<b><u>PUSH PLATES AND KICK PLATES</u></b>				
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Grade 304 stainless steel 0.9mm thick sheeting with No 4 brushed finish on outer face complete with a stripable PVC plastic protective layer and plate sealed to face of timber doors with sikaflex - 11FC adhesive and finishing the two outer edge of each panel with a neat joint against the edge reveal projecting capping

16 1800mm Wide x 2064mm high kick plate (L.I.)

No

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**Aluminium doors, windows, etc**

Doors and windows shall comply with AAAMSA design criteria

Glazing shall comply with SAGGA regulations. Glass shall be as described in the headings to window descriptions. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules/drawings

Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed

For purpose made windows and doors, refer to drawings annexed to these bills of quantities

The following certificates shall be provided prior to commencement of site work:

1. A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product
2. A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively
3. A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked
4. A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years

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**General**

The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**GALVANISED STEEL DOOR FRAMES**

**1.6mm Rebated frame suitable for half brick wall with three 100 x 75mm stainless steel ball bearing butt hinges fitted to frame for each door leaf**

1	Frame for door size 813 x 2031mm high (L.I.)	No	10
2	Frame for door size 1100 x 2064mm high (L.I.)	No	10

**1.6mm Double rebated frame suitable for one brick wall with three 100 x 75mm stainless steel ball bearing butt hinges fitted to frame for each door leaf**

3	Frame for door size 813 x 2031mm high (L.I.)	No	10
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**ALUMINIUM GLAZED DOORS AND FRAMES**

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**Matt grey blue epoxy powder coated aluminium doors and frames, with 6.8mm toughened laminated safety glass according to SABS regulation DSS SANS 10400 part N 2008 3rd ed, and to comply with SAGGA and AAMSA requirements. Including Aluminium Burglar Guards**

4	Single door size 1250 x 2100mm high overall glazed with 6,8mm Thick SmartGlass PVB normal strength "Cool Gray" glass, installed by the professional glazer in strict accordance with SABS standards, with stainless steel cladding (as per existing), hung to Aluminium frame (Frame elsewhere measured) and fitted with "Solid" 315/A40 76mm Cylinder lock with 810/B30 double cylinder, one pair "Solid Delta" on rose 432/C91 handles and one pair of "Solid" 841/C91 Escutcheons (All to match existing installed) (L.I.)	No	5
5	Double door size 1800 x 2064mm high overall in two equal leaves meeting stiles with each leaf having mild rail forming two rebated openings each glazed with 6,8mm Thick SmartGlass PVB normal strength "Cool Gray" glass, installed by the professional glazer in strict accordance with SABS standards, with stainless steel cladding (as per existing), hung to Aluminium frame (Frame elsewhere measured) and fitted with "Solid" 315/A40 76mm Cylinder lock with 810/B30 double cylinder, one pair "Solid Delta" on rose 432/C91 handles and one pair of "Solid" 841/C91 Escutcheons (All to match existing installed) (L.I.)	No	4
6	Double door size 1800 x 2395mm high overall in two equal leaves meeting stiles with each leaf having mild rail forming two rebated openings each glazed with 6,8mm Thick SmartGlass PVB normal strength "Cool Gray" glass, installed by the professional glazer in strict accordance with SABS standards, with stainless steel cladding (as per existing), hung to Aluminium frame (Frame elsewhere measured) and fitted with "Solid" 315/A40 76mm Cylinder lock with 810/B30 double cylinder, one pair "Solid Delta" on rose 432/C91 handles and one pair of "Solid" 841/C91 Escutcheons (All to match existing installed) (L.I.)	No	1

**ALUMINIUM FRAMES**

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**Matt grey blue epoxy powder coated aluminium frames**

7	120 x 75mm Rebated frame fitted with three 100mm aluminium butt hinges to suit single door size 1250 x 2100mm high (L.I.)	No	5
8	120 x 75mm Rebated frame fitted with six 100mm aluminium butt hinges to suit double door size 1800 x 2395mm high (L.I.)	No	1

**ALUMINIUM GLAZED WINDOWS, BURGLAR BARS, ETC**

**Purposed made Natural anodised aluminium frame, with 4mm toughened laminated safety glass according to SABS regulations DSS SANS 10400 art N 2008 3rd ed & to comply with SAGGA & AAMSA requirements. Including Aluminium Burglar Guards to match existing**

9	Window size 800 x 1000mm high (to match existing) (L.I.)	No	3
10	Window size 1800 x 1460mm high (to match existing) (L.I.)	No	5
11	Window size 1200 x 2210mm high (to match existing) (L.I.)	No	1

**Purposed made Natural anodised aluminium frame, with 4mm obscure toughened laminated safety glass according to SABS regulations DSS SANS 10400 art N 2008 3rd ed & to comply with SAGGA & AAMSA requirements. Including Aluminium Burglar Guards to match existing**

12	Window size 600 x 600mm high (to match existing) (L.I.)	No	5
13	Window size 600 x 900mm high (to match existing) (L.I.)	No	5
14	Window size 600 x 1200mm high (to match existing) (L.I.)	No	5

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**Mix**

Granolithic shall attain a compressive strength of at least 35MPa. The coarse aggregate shall comply with SANS 1083 and shall generally be capable of passing a 10mm mesh sieve. Where the thickness of the granolithic exceeds 25mm, the size of the coarse aggregate shall be increased to the maximum size compatible with the thickness of the granolithic

**Panels**

Granolithic shall be laid in panels not exceeding 14m<sup>2</sup> for monolithic finishes, not exceeding 9,5m<sup>2</sup> for bonded finishes and not exceeding 6m<sup>2</sup> for all external granolithic. Wherever possible, panels shall be square but at no time should the length of the panel exceed 1,5 times its width

Where possible joints between panels shall be positioned over joints in the floor slab and shall be at least 3mm wide through the full thickness of the finish, separated by strips of wood or fibreboard and finished with V-joints

**Laying**

Monolithic granolithic shall be applied to the partially set slab and thoroughly compacted and lightly wood floated to the required levels

Bonded granolithic shall be applied to the slab after applying a 1:1 sand-and-cement slurry brushed over the surface and allowed to partially set before applying the granolithic. The granolithic shall be thoroughly compacted and lightly wood floated to the required levels

After wood floating, the monolithic and bonded granolithic shall remain undisturbed until bleeding has ceased and the surface has stiffened. Any remaining bleed water and laitance shall then be removed and the surface steel trowelled or power floated

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**Curing, seasoning and protection**

Granolithic shall be covered with clean hessian with waterproof building foil over and kept wet for at least seven days after laying

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**SCREEDS**

**3:1 Cement plaster screed wood floated on concrete**

1	30mm Thick on floors and landings (L.I.)	m2	550
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**"Flowcrete" Isocrete self levelling screed applied strictly according to the manufacturer's instructions**

2	Average 7mm thick self levelling screed on screed (elsewhere measured) (L.I.)	m2	550
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**GRANOLITHIC**

**Untinted 35MPa hardened granolithic on concrete**

3	30mm Thick on floors and landings (L.I.)	m2	183
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**INTERNAL PLASTER**

**Cement plaster steel trowelled, on brickwork**

4	On walls (L.I.)	m2	4 438
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5	On narrow widths (L.I.)	m2	32
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**METAL LATHING**

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<b><u>12 x 40mm Expanded steel mesh lathing with 1,6 x 2,5mm strands (mass 4,1kg/m2)</u></b>	m	216	
6 Strips 600mm wide fixed at 200mm centres along both edges to brickwork or concrete with hardened steel clout headed nails (L.I.)			
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<p><b><u>TILING (PROVISIONAL)</u></b></p>			
<p><b><u>(CPAP WORK GROUP NO. 144 UNLESS OTHERWISE STATED)</u></b></p>			
<p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>Proprietary items or materials</u></b></p>			
<p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p>			
<p><b><u>Fixing</u></b></p>			
<p>Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat</p>			
<p>Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from the "Tal Professional" range of products as recommended by the manufacturer of the tiles</p>			
<p><b><u>Labour Intensive</u></b></p>			
<p>All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted</p>			
<p>The Contractor must take this method of construction into consideration when programming the works</p>			
<p><b><u>WALL TILING</u></b></p>			
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<p><b><u>200 x 200 x 10mm White glazed ceramic tiles, fixed with "Tal Gold Star 6" rapid setting tile adhesive mixed with "Tal Bond" bonding liquid in lieu of water to well-prepared plaster (plaster elsewhere) and flush pointed with white "Tal" wall grout, tiles laid with 3mm continuous joints in both directions</u></b></p>				
1	On walls (L.I.)	m2	140	
2	On walls in splashbacks (L.I.)	m2	13	
3	On narrow widths (L.I.)	m2	6	
<p><b><u>FLOOR TILING</u></b></p> <p><b><u>300 x 300 x 8mm "Johnson Johnson" or equivalent porcelain tiles, fixed with "Tal Gold Star 6" rapid setting tile adhesive mixed with "Tal Bond" bonding liquid in lieu of water to screed (screed elsewhere) and flush pointed with dove grey "Tal" floor grout, tiles laid with 3mm continuous joints in both directions</u></b></p>				
4	On floors and landings (L.I.)	m2	984	
5	100mm High cut skirting (L.I.)	m	6	
<p><b><u>SUNDRIES</u></b></p> <p><b><u>"M Trim" or equivalent aluminium corner protectors, stair nosings, expansion joint strips, etc</u></b></p>				
6	Type "ASE 120" 10 x 10mm Natural anodized straight edge trim (L.I.)	m	6	
7	Type "ASCW480" 48mm Natural anodized structural wall joint cover (L.I.)	m	6	
8	Type "ASQE 120" 8 x 12mm Natural anodized square edge trim (L.I.)	m	6	
9	Type "AWTIR120.N" 46 x 12mm Natural anodized transition cover with and including capping strip base (L.I.)	m	6	
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**"M Trim" or equivalent stainless steel corner protectors, stair nosings, expansion joint strips, etc**

10	Type "STIICP100.B" 25 x 10mm High brushed stainless steel wall corner protector bedded in tile adhesive (L.I.)	m	6
11	Type "STIRCP300.B" 30 x 30 x 10mm High brushed stainless steel wall external corner protector bedded in tile adhesive (L.I.)	m	6
12	Type "SCP750.B" 75 x 75mm High brushed stainless steel wall external corner protector bedded in tile adhesive (L.I.)	m	6

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	<p><b><u>BILL No 14</u></b></p> <p><b><u>PLUMBING AND DRAINAGE (PROVISIONAL)</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 146 &amp; 148 UNLESS OTHERWISE STATED)</u></b></p> <p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p> <p><b><u>uPVC pipes and fittings</u></b></p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed</p> <p><b><u>uPVC pressure pipes and fittings</u></b></p> <p>Pipes for water supply shall be of the class stated</p> <p>Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings</p> <p>Pipes of 50mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints</p>			
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**Copper pipes**

Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground

**Lead pipes and fittings**

All soldered joints shall be wiped and brass unions shall be used for jointing lead to steel

**Reducing fittings**

Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained

**Wire gratings**

Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings

**Flush pans**

Flush pans shall have straight or side outlets and "P" or "S" traps as necessary

**Stainless steelbasins, sinks, wash troughs, urinals, etc**

Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable

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**Waste unions**

Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings

**The following shall be applicable to all services and ducts that pass through indicated fire separating elements as per SANS Part T:**

A service pipe, conduit, duct, sleeve, cable or other equipment recessed into any structural or separating element which is required to have a fire resistance, shall be set into such element in such a manner that such fire resistance is not reduced to below the required fire resistance.

A service that penetrates through any wall or floor where such wall or floor is required to have a fire resistance, shall be sealed in such a manner that fire shall not penetrate such wall or floor. Such fire stop shall have a fire resistance of not less than 30 minutes as indicated on the drawings

A fire damper, which shall comply with the requirements of SANS 193 and sans 10400 Part T, shall be provided in an air duct in any position where such duct passes through a required division or occupancy separating element or any element required for the enclosure of an emergency route, or passes into any duct. The contractor must provide a COC from a registered company indicating compliance regarding the fire seals and dampers

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**RAINWATER DISPOSAL**

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**Seamless Aluminium Industrial Gutter or equivalent**

1	150 x 150 x 115mm Ogee gutter baked enamel finish fixed with concealed brackets (L.I.)	m	77
2	Extra over gutter for stopped end (L.I.)	No	20
3	Extra over gutter for outlet (L.I.)	No	20
4	Extra over gutter for angle (L.I.)	No	20
5	150mm Rainwater down pipes (L.I.)	m	73
6	Extra over rainwater pipe for bend (L.I.)	No	40
7	Extra over rainwater pipe for shoe (L.I.)	No	20

**REMEDIAL WORK TO PLUMBING & DRAINAGE INSTALLATION (Provisional)**

**Allowances for remedial work to be carried out on existing plumbing and drainage installation**

8	Allow the money provision of R150 000,00 (Hundred and Fifty Thousand Rand) for remedial work to be carried out as directed by the Principal Agent	Item	150 000,00
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	<p><b><u>BILL No 15</u></b></p> <p><b><u>ELECTRICAL INSTALLATION (PROVISIONAL)</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 160 UNLESS OTHERWISE STATED)</u></b></p> <p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Project specification and drawings</u></b></p> <p>The project specification (Electrical Specification) and any relevant drawings applicable to the electrical installation are appended to this section or at the end of this document. This specification and drawings are the basis of the descriptions in these bills of quantities and is to be read in close conjunction with the said descriptions. Prices will be deemed to have allowed therefor</p> <p><b><u>Quality specification</u></b></p> <p>The quality specification applicable to the electrical installation is not bound into this document but is available for perusal by tenderers during office hours at the offices of the representative/agent. Tenderers are expected to acquaint themselves fully with the contents of aforementioned document and will be deemed to have allowed therefore in the tender</p>			
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**General**

The firm which is to carry out the electrical work shall be a firm of experienced specialists to be employed as a domestic subcontractor to the main contractor

The measurement of these quantities is provisional and will be subject to re-measurement. All payments for work done will be based on the original quantities unless the quantities for the cables, conduits and conductors have been adjusted in terms of the foregoing

No allowance has been made in the measurement of conductors for additional lengths at connection points and prices for the measured conductors shall be deemed to include therefore

Draw wires, unless required to be left in, are not measured separately and prices for sleeves and conduits shall be deemed to include therefore

Prices for conduits shall include for fixing to all types of surfaces, in chases including chasing, casting in or building into brickwork etc

The complete installation must comply to the relevant SANS specifications and the Standard specification in this document. Therefore Bidders are advised to study the specification before the Bill is to be priced.

**PROVISIONAL SUMS FOR ELECTRICAL WORKS**

**Note:**

The following work will only be executed upon instruction from the Employer (KZN Department of Health) through the Principal Agent if and when required and instructed by the Director of Health at KZN Department of Health

The Employer shall not be held responsible or liable to the Contractor for any financial claims in the event that no or limited work is executed under this provision

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**Electrical works**

- 1 Provide the sum of R250 000 (Two Hundred and Fifty Thousand Rand) for remedial work to electrical installation
- 2 Profit
- 3 Attendance

Item

250 000.00

Item

Item

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	<p><b><u>BILL No 16</u></b></p> <p><b><u>MECHANICAL INSTALLATIONS (PROVISIONAL)</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 160 UNLESS OTHERWISE STATED)</u></b></p> <p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p>Tenderers are referred to the project specifications and supplementary preambles for full descriptions of materials, etc., to be used. All work shall be done strictly in accordance with specifications and Manufacturer's instructions and leave in perfect working order after completion.</p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p> <p><b><u>Specifications, drawings, etc</u></b></p> <p>Tenderers are advised to study the General Specification before pricing this bill</p> <p>This bill must be read together with the Project Specification for LP Gas Installation compiled by the Consulting Mechanical Engineers attached to this tender document and follow the design requirements to acquaint themselves with the fill requirements of the installation</p>			
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**General**

The description of items in this section is abbreviated description of the work to be done and of materials to be used, the tenderers are therefore referred to the full description and complete specification

All rates are to include all necessary fabrication and installation costs. Unless specifically stated the description of pipes shall be deemed to include all necessary fittings, fixings and painting

**PROVISIONAL SUMS FOR MECHANICAL WORKS**

**Note:**

The following work will only be executed upon instruction from the Employer (KZN Department of Health) through the Principal Agent if and when required and instructed by the Director of Health at KZN Department of Health

The Employer shall not be held responsible or liable to the Contractor for any financial claims in the event that no or limited work is executed under this provision

**Mechanical works**

- 1 Provide the sum of R150 000 (Two Hundred and Fifty Thousand Rand) for remedial work to mechanical installation
- 2 Profit
- 3 Attendance

Item  
Item  
Item

150 000.00

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	<b><u>BILL No 17</u></b>			
	<b><u>GLAZING (PROVISIONAL)</u></b>			
	<b><u>(CPAP WORK GROUP NO. 150 UNLESS OTHERWISE STATED)</u></b>			
	For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>Proprietary items or materials</u></b>			
	Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
	<b><u>Labour Intensive</u></b>			
	All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted			
	The Contractor must take this method of construction into consideration when programming the works			
	<b><u>GLAZING TO EXISTING ALUMINIUM WINDOWS WITH PINNED-ON BEADS</u></b>			
	<b><u>6.38mm Neutral strength reflective low emissivity clear laminated safety glass</u></b>			
1	Panes exceeding 0,1m <sup>2</sup> and not exceeding 0,5m <sup>2</sup> (L.I.)	m2	10	
2	Panes exceeding 0,5m <sup>2</sup> and not exceeding 2m <sup>2</sup> (L.I.)	m2	5	
	<b><u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u></b>			
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6mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork

3 Mirror 600 x 900mm high with four screws (L.I.)

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<p><b><u>PAINTWORK (PROVISIONAL)</u></b></p>			
<p><b><u>(CPAP WORK GROUP NO. 152 UNLESS OTHERWISE STATED)</u></b></p>			
<p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>Proprietary items or materials</u></b></p>			
<p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p>			
<p><b><u>SABS Specifications</u></b></p>			
<p>Matt or eggshell decorative paint for interior works : SANS 515</p>			
<p>High gloss enamel paint : SANS 630 Grade I</p>			
<p>Primers for wood for external work : SANS 678 Type I</p>			
<p>Primers for wood for internal work : SANS 678 Type III</p>			
<p>Zinc chromate primers for steel : SANS 679 Type I</p>			
<p>Undercoats for paints (except emulsion paint) : SANS 681 Type I</p>			
<p>Aluminium paint : SANS 682 Grade II</p>			
<p>Roof paints : SANS 683 Type B (oil based)</p>			
<p>Structural steel paint : SANS 684 Type B</p>			
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Wash primer (metal etch) : SANS 723

Road marking paint : SANS 731 part 1

Varnish for interior use : SANS 887 Type I

Roof paints : SANS 940 (emulsion based)

Emulsion paints : SANS 1227 (textured : interior / exterior)

Alkali - resistant primer : SANS 1416

Emulsion paints : SANS 1586 (gloss, semi gloss, matt : interior / exterior)

Calcium plumbate primer : SANS 5912

**General**

All primers, emulsion paints, enamels, stains, varnish, etc are to comply with the relevant SANS Specification

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**PREPARATORY WORK TO EXISTING SURFACES**

**Previously painted plastered surfaces**

Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth

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Previously painted metal surfaces

Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal

Previously painted wood surfaces

Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth

**PAINTWORK ETC TO PREVIOUSLY PAINTED WORK**

**ON PLASTER ETC**

**Remove loose and peeling paint back to a firm edge by scraping, sanding or other suitable means, feather the edges with 100 grit sandpaper and ensure surface is dust free, remove surface contaminants using a sugar soap solution, and apply one coat alkali resistant primer, two coats "Velvagio" polyurethane enamel paint**

1	Existing internal floated plastered walls (L.I.)	m2	12 963
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**Remove loose and peeling paint back to a firm edge by scraping, sanding or other suitable means, feather the edges with 100 grit sandpaper and ensure surface is dust free, remove surface contaminants using a sugar soap solution, and apply "Ivory Industrials (Pty) Ltd Code 129Y" or equivalent reinforced waterproofing system and three finishing "Ivory Industrials (Pty) Ltd Code 1067" water dispersed epoxy coating at a nominal dry film thickness of 150 microns**

2	Existing internal floated plastered walls (L.I.)	m2	880
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**ON SMOOTH CONCRETE SURFACES**

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	<b><u>Remove loose and peeling paint back to a firm edge by scraping, sanding or other suitable means, feather the edges with 100 grit sandpaper and ensure surface is dust free, remove surface contaminants using a sugar soap solution, and apply one coat alkali resistant primer, two coats "Velvagro" polyurethane enamel paint</u></b>		
3	Existing ceilings and beams (L.I.)	m2	285
4	Existing internal concrete modular block window surrounds (L.I.)	m2	250
	<b><u>ON BRICKWORK</u></b>		
	<b><u>Prepare and apply 10% solution of spirit of salts and and apply two coats "Plascon Thermoplastic Brick Dressing"</u></b>		
5	Clean down existing face bricks with 10% solution of spirit of salts and wire brush, rinse thoroughly with clean water and apply two coats "Plascon Thermoplastic Brick Dressing" (L.I.)	m2	4 163
	<b><u>ON PLASTER BOARD</u></b>		
	<b><u>Prepare and apply one coat alkali resistant primer and two coats "Double Velvet" acrylic emulsion paint</u></b>		
6	On ceilings (L.I.)	m2	1 672
	<b><u>ON FIBRE CEMENT</u></b>		
	<b><u>Prepare and apply one coat alkali resistant primer and two coats "Double Velvet" acrylic emulsion paint</u></b>		
7	Ceilings and cornices (L.I.)	m2	849
8	Fascias and barge boards (L.I.)	m2	714

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**ON METAL**

**Clean all surfaces with "Polycell Sugar Soap" solution using wire brush, remove all loose and flaky paint and sand surfaces to a firm edge, rinse with tap water and allow to dry, spot prime with "Plascon Coastcote Primer red Oxide (SNK 2)" and apply two coats "Plascon Nuroof Acrylic Roof Paint (TRP)", strictly to manufactures specification**

9 Profiled metal roof sheeting and accessories (L.I.) m2 6 384

**Remove all paint and rust completely, apply one coat rust remover and remove rust by means of wire brushing and wash thoroughly with tap water, dry surface rapidly then apply one coat rust converter copiously to areas where tightly adherent rust remains and allow coating to turn black, ensure surfaces are clean, dry and sound, apply one universal undercoat and two coats superior quality water based enamel paint with a minimum 7 year quality guarantee**

10 Existing painted door frames (L.I.) m2 98

11 Existing painted structural steel columns, beams, etc (L.I.) m2 98

12 Existing painted eaves, gutters, etc (L.I.) m2 371

**ON WOOD**

**Stop, fill sand down and apply one coat "Plascon Wood Primer", two coats "Plascon Velvaglo" or equivalent superior quality "Polyurethane enamel" paint**

13 Doors (L.I.) m2 55

14 Skirtings, cornices, rails, etc not exceeding 300mm girth (L.I.) m 4 687

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	<u>Stop, fill sand down and apply one coat suitable for "Supawood", two spayed coats "Polyurethane velvet enamel" or equivalent superior quality paint</u>			
15	Fittings (L.I.)	m2	9	
	<b><u>PAINTWORK ETC TO NEW WORK</u></b>			
	<b><u>ON INTERNAL FLOATED PLASTER SURFACES</u></b>			
	<u>Prime with one coat alkali resistant primer, two coats "Velvagio" polyurethane enamel or equivalent superior quality satin finish non-drip enamel paint with a minimum 10 year quality guarantee</u>			
16	Internal walls (L.I.)	m2	7 031	
	<b><u>ON WOOD</u></b>			
	<u>Stop, fill sand down and apply one coat "Plascon Wood Primer", one coat "Plascon Universal Undercoat" and two coats "Plascon Velvagio" or equivalent superior quality polyurethane enamel paint</u>			
17	Skirtings, cornices, rails, etc not exceeding 300mm girth (L.I.)	m	279	
	<b><u>ON PLASTER BOARD</u></b>			
	<u>Prepare and apply one coat alkali resistant primer and two coats "Double Velvet" acrylic emulsion paint</u>			
18	On ceilings (L.I.)	m2	531	
	<b><u>ON FIBRE CEMENT</u></b>			
	<u>Prepare and apply one coat alkali resistant primer and two coats "Double Velvet" acrylic emulsion paint</u>			
19	Ceilings and cornices (L.I.)	m2	205	
20	Fascias and barge boards (L.I.)	m2	84	
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<p><b><u>BILL No 1</u></b></p>			
<p><b><u>ROADWORKS, PARKING AREAS, PAVINGS (PROVISIONAL)</u></b></p>			
<p><b><u>(CPAP WORK GROUP NO. 154 UNLESS OTHERWISE STATED)</u></b></p>			
<p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>Proprietary items or materials</u></b></p>			
<p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p>			
<p><b><u>Nature of ground</u></b></p>			
<p>No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling</p>			
<p><b><u>Carting away of excavated material</u></b></p>			
<p>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site</p>			
<p><b><u>Grass planting and turfing</u></b></p>			
<p>Supply, deliver and lay Royal or Silverton Blue Cynodon sods in instant lawn format</p>			
<p><b>Carried to Collection</b></p>			R
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**Fertilizer**

Apply 2:3:2 and Zn at 600kg per ha and rake into surface

Apply Ammonium Sulphate at 500kg per ha 14 days after planting and monthly for six months thereafter

**Weed killer**

Spray grass with 'Methalachlor' or equivalent product at 2.4 litres per ha

**Watering and rolling**

Initially apply 10 litres of water per m2 per day for 10 days

Thereafter water weekly at 20 litres per m2 per week for a high quality finish

**Filling**

Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material

**Testing**

Prices for filling are to include for all necessary density tests in accordance with SANS 1200D

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted.

The Contractor must take this method of construction into consideration when programming the works

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**Sealing cracks**

The tendered rates shall include full compensation for providing, mixing, heating (where required) and applying all the materials as specified, and for all equipment, labour, supervision and incidentals for completing the work. No additional payment will be made for multiple applications of material, and payment will not distinguish between the various types, widths or lengths of cracks

The tendered rate shall include full compensation for procuring and supplying all materials, labour, transport and other incidentals required to complete the work in accordance with the specifications

**Single seal**

The tendered rates shall include full compensation, inter alia, for furnishing all materials, marking the centre line or reference lines, spraying of binder, spreading of aggregate, rolling, removing of dust or deleterious material, supplying of water and spraying of haul roads and construction roads, trimming the edges of the completed surface, and all other incidentals necessary for completing the work as specified, except the precoating of aggregate, which shall be paid for separately."

**Bituminous binder variation**

The unit of measurement for bitumen binder in respect of an increase or a decrease in the specified rates of application shall be the litre measured at spraying temperature. (The contractor must note that the nominal rates of application are specified in net bitumen cold)

**Aggregate variations**

The unit of measurement for aggregate in respect of an increase or a decrease in the specified rates of application shall be the cubic metre of aggregate

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**Application of fog spray**

The tendered rate shall include full compensation for furnishing the material and applying the fog spray as specified.

**Precoating of aggregate**

The tendered rate shall include full compensation for furnishing the equipment and materials and precoating the aggregate as specified, including the handling, stockpiling and protecting the stockpiles against inclement weather

**ROADWORK, WALKWAYS, ETC**

**REMEDIAL WORK TO EXISTING PAVING AND WALKWAYS**

**Precast concrete block road surfacing**

Paving shall be laid in accordance with SANS 1200 MJ, SANS 1058 and the Concrete Masonry Association's specifications

Clean sand shall be swept into joints between roadstones at completion

**Carefully take out and remove existing paving, etc. and set aside for re-use**

1	220 x 108.5 x 50mm Thick clay paving, etc (L.I.)	m2	697
2	500 x 500 x 50mm Thick concrete paving, etc (L.I.)	m2	1 626
3	Defective kerb, including concrete haunching (L.I.)	m	750

**Making good defective kerbing**

4	Cut out all loose, defective pointing and rounded angles and re-point and round angles smoothly with 3:1 cement mortar to match existing (L.I.)	m	113
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**Re-use of existing components**

**Note: Contractor to allow 10% on their rate for additional material that might be required**

5	Clean out and prepare paving set-aside for re-use, including making good and re-instate 220 x 108.5 x 50mm thick concrete paving laid to falls on 20mm thick sand layer with joints filled in with sand, compacted with a vibration compactor (sand elsewhere measured) (L.I.)	m2	697
6	Clean out and prepare paving set-aside for re-use, including making good and re-instate 500 x 500 x 50mm thick concrete paving laid to falls on 20mm thick sand layer with joints filled in with sand, compacted with a vibration compactor (L.I.)	m2	1 626
7	Clean out and prepare kerbs set-aside for re-use, including excavation, backfilling, concrete haunching, and make good to match existing (L.I.)	m	113

**BITUMEN ROAD SURFACING**

**Bitumen road surfacing:**

8	Preparing existing road surfaces and seal with a Bitumen "Slurry Seal" with a conventional "Slurry" with an anionic stable grade emulsion at 1000 litres per 170m2 on existing premix surface in poor condition complete (L.I.)	m2	5 845
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**Sealing cracks with 200mm wide geotextile**

9	Cleaning crack with cold compressed air, priming, and sealing using "COLSEAL" bitumen emulsion crack sealant all a per manufactures specification (L.I.)	m	3 340
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**PRECAST CONCRETE PAVING BLOCKS**

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	<b><u>Site clearance</u></b>				
10	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc (L.I.)	m2	1 828		
	<b><u>Excavation not exceeding 2m deep</u></b>				
11	Over site between buildings, retaining walls, etc to reduce levels (L.I.)	m3	880		
	<b><u>Extra over bulk excavation for excavation in</u></b>				
12	Soft excavations (L.I.)	m3	88		
13	Intermediate excavations (L.I.)	m3	44		
	<b><u>Extra over all excavations for carting away</u></b>				
14	Surplus material from stock piles on site to a dumping site to be located by the contractor (L.I.)	m3	880		
	<b><u>Risk of collapse of excavations</u></b>				
15	Sides of bulk excavations not exceeding 1,5m deep (L.I.)	m2	690		
	<b><u>Earth filling supplied by the contractor under pavings etc</u></b>				
16	Sub-base course G7 (crusher run) under roads and parking areas etc compacted to 95% Mod AASHTO density (L.I.)	m3	623		
17	Filling of C4 material in accordance with SANS 1200 MJ, compacted to 97% Mod AASHTO density stabilised with 3% cement (L.I.)	m3	531		
	<b><u>Coarse river sand filling</u></b>				
18	Under floors, etc (L.I.)	m3	106		
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<b><u>Compaction of surfaces</u></b>			
19	Compaction of ground surface under pavings etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density (L.I.)	m2	4 151
<b><u>Prescribed density tests on filling</u></b>			
20	"Modified AASHTO Density" test	No	50
<b><u>Weedkiller (active ingredients metalaclor 102,8 g/l, terbitilasien 248,6 g/l and atrasiem 248,6 g/l) mixed in the proportion of 100 ml weedkiller to 100 l water and applied at a rate of 10 l/m<sup>2</sup></u></b>			
21	Under paving etc (L.I.)	m2	4 151
<b><u>One layer of 250 micron green polyethylene sheeting (complying with SABS 952-1969 as Type C) sealed at laps with approved pressure sensitive tape</u></b>			
22	Under surface beds (L.I.)	m2	4 151
<b><u>80mm Thick segmental "Corobrik Grey Corolocks-A" precast concrete interlocking block paving of 200 x 100mm paving blocks in accordance with SANS 1058, laid to falls on 20mm thick sand layer with joints filled in with sand, compacted with a vibration compactor (sand elsewhere measured)</u></b>			
23	80mm Thick paving laid to herringbone pattern (L.I.)	m2	1 828
<b><u>Precast concrete finished smooth on exposed surfaces including bedding, jointing and pointing</u></b>			
24	Kerb (SANS 927 fig 3) 150 x 300mm high with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint including excavation, backfilling, etc (L.I.)	m	4 007
25	Mountable kerb (SANS 927 fig 3) 300 x 150mm high with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint including excavation, backfilling, etc (L.I.)	m	834

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	<b><u>Prepare and apply one coat white reflective road marking paint on precast concrete paving blocks, etc</u></b>			
26	100mm Wide line (L.I.)	m	600	
27	1400mm Wheelchair sign (L.I.)	No	5	
28	Traffic arrow 900 x 150mm wide extreme (L.I.)	No	10	
29	Paraplegic parking motif 1000 x 1000mm maximum (L.I.)	No	5	
	<b><u>Roadsigns</u></b>			
30	900mm Diameter regulation "STOP" sign in accordance with SABS standards fitted and fixed on creosoted pole, 4500mm high and bedded in 450 x 450 x 600mm deep concrete footing, including all necessary excavation, etc (L.I.)	No	2	
	<b><u>RETAINING WALLS, ETC.</u></b>			
	<b><u>Break up and remove brickwork, etc</u></b>			
31	One brick wall (L.I.)	m2	600	
	<b><u>Open face excavation over sloping site</u></b>			
32	In bulk excavations for cutting back face of existing embankments (L.I.)	m3	180	
	<b><u>Excavation not exceeding 2m deep</u></b>			
33	Trenches (L.I.)	m3	60	
	<b><u>Extra over trench and back excavations in earth for excavation in</u></b>			
34	Soft excavations (L.I.)	m3	60	
35	Intermediate excavations (L.I.)	m3	24	
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<b><u>Extra over all excavations for carting away</u></b>				
36	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor (L.I.)	m3	224	
<b><u>Risk of collapse of excavations</u></b>				
37	Sides of trench and hole excavations not exceeding 1,5m deep (L.I.)	m2	200	
<b><u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density</u></b>				
38	In backfilling to retaining walls, etc (L.I.)	m3	16	
<b><u>Earth filling supplied by the contractor under parking areas, roadways, etc</u></b>				
39	Filling of G7 material in accordance with SANS 1200 DM, compacted in 150mm layers to 93% Mod AASHTO density (L.I.)	m3	46	
<b><u>Approved filling material supplied by the contractor</u></b>				
40	19mm Stone filling around perforated pipe (L.I.)	m3	44	
<b><u>Compaction of surfaces</u></b>				
41	Compaction of ground surface under pavings etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density (L.I.)	m2	420	
<b><u>25MPa/19mm concrete</u></b>				
42	Strip footings (L.I.)	m3	29	
<b><u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in 1:5 mortar in stretcher bond</u></b>				
43	220mm Brick walls in foundations (L.I.)	m2	140	
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	<b><u>Face bricks to be "Corobrik FBA" or equivalent in stretcher bond in colours to match existing, pointed with recessed horizontal and vertical joints with a gauge of 85mm</u></b>			
44	Extra over brickwork for face brickwork (L.I.)	m2	300	
	<b><u>Brickwork reinforcement</u></b>			
45	150mm Wide reinforcement built in horizontally (L.I.)	m	1 471	
	<b><u>Brick-on-edge header course copings, sills, etc of "Corobrik FBA"bricks, pointed with recessed joints on all exposed faces</u></b>			
46	220mm Copings on top of one brick walls (L.I.)	m	200	
	<b><u>Waterproofing</u></b>			
47	Vertically behind wall (L.I.)	m2	60	
48	Geotextile (Bidum A2) cloth behind retaining walls and wrapped around 19mm concrete stone encasing (L.I.)	m2	660	
	<b><u>Mild steel reinforcement to structural concrete work</u></b>			
49	12mm Diameter bars (L.I.)	t	0.50	
	<b><u>High tensile steel reinforcement to structural concrete work</u></b>			
50	16mm Diameter bars (L.I.)	t	0.50	
	<b><u>Fabric reinforcement</u></b>			
51	Type 395 fabric reinforcement in concrete strip footings (L.I.)	m2	200	
	<b><u>"Marley Landrain" perforated pipe laid to falls in retaining walls</u></b>			
52	75mm Perforated pipe (excavation for trench included with retaining walls) (L.I.)	m	200	
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53 800mm Long x 50mm Diameter pipe (excavation for trench included with retaining walls) (L.I.)

No

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<p><b><u>BILL No 2</u></b></p> <p><b><u>WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 146 &amp; 148 UNLESS OTHERWISE STATED)</u></b></p>			
<p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>Proprietary items or materials</u></b></p>			
<p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p>			
<p><b><u>uPVC pressure pipes and fittings</u></b></p>			
<p>Pipes for water supply shall be of the class stated</p>			
<p>Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings</p>			
<p>Pipes of 50mm diameter and greater shall have sockets and spigots with push in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints</p>			
<p>Soil, waste and vent pipes and fittings shall be solvent weld jointed</p>			
<p><b>Carried to Collection</b></p>			R
<p>Section No. 3                  Bill No. 2                  WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)                  ProQS Vryheid ©                  OCTOBER 2021</p>			

**Fixing of pipes**

Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls etc, casting in, building in or suspending not exceeding 1m below suspension level

**Reducing fittings**

Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained

**Excavations**

No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling

**Laying, backfilling, bedding, etc. of pipes**

Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions

Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following:

SANS 1200 L : Medium-pressure pipelines

LD : Sewers

LE : Stormwater drainage

Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SANS 1200

DB : Earthworks (Pipe trenches)

Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SANS 1200

LB : Bedding (Pipes).

Unless otherwise described bedding of rigid pipes shall be class B bedding

**Carried to Collection**

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**WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)**

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**Exposed concrete surfaces**

Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted.

The Contractor must take this method of construction into consideration when programming the works

**REMEDIAL WORK TO SITE DRAINAGE (Provisional)**

**Note:**

The following work will only be executed upon instruction from the Employer (KZN Department of Health) through the Principal Agent if and when required and instructed by the Director of Health at KZN Department of Health

The Employer shall not be held responsible or liable to the Contractor for any financial claims in the event that no or limited work is executed under this provision

**Allowances for remedial work to be carried out on existing site drainage system**

- 1 Allow the money provision of R150 000,00 (One Hundred and Fifty Thousand Rand) for remedial work to be carried out as directed by the Principal Agent

Item

150 000,00

**SOIL DRAINAGE PIPES, ETC**

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<u>Leak location and remedial work</u>				
2	Excavate not exceeding 1m deep for and locate damaged 110mm soil drain pipe, cut-out, take up and remove 110mm soil drain pipe, prepare existing pipe and install and rejoin new 110mm soil drain pipe (elsewhere measured) with new flexible fittings (elsewhere measured) including backfilling, compaction, isolating, temporary blocking-off, etc. complete (L.I.)	m	90	
<u>Class 34 uPVC pipes and fittings</u>				
3	110mm Pipes laid in trenches not exceeding 1m deep, including excavations, bedding, backfilling and compaction and disposal of surplus material (L.I.)	m	90	
<u>Extra over 110mm diameter uPVC pipes for fittings</u>				
4	Access bend (L.I.)	No	30	
5	Flexible SSN Type coupling (L.I.)	No	60	
<u>TESTING, CONNECTIONS, ETC</u>				
<u>Testing</u>				
6	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the sewer reticulation for Zone A to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)			Item
7	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the sewer reticulation for Zone B to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)			Item
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8	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the sewer reticulation for Zone C to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer amd Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)	Item		
9	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the sewer reticulation for Zone D to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer amd Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)	Item		
10	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the sewer reticulation for Zone E to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer amd Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)	Item		
11	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the sewer reticulation for Zone F to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer amd Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)	Item		
12	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the sewer reticulation for Zone G to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer amd Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)	Item		
13	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the sewer reticulation for Zone H to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer amd Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)	Item		
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14	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the sewer reticulation for Zone I to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)	Item	
15	Testing the whole of the soil drainage system after completion of remedial work	Item	
<b><u>WATER SUPPLIES</u></b>			
<b><u>REMEDIAL WORK TO WATER SUPPLIES (Provisional)</u></b>			
<u>Note:</u>			
<u>The following work will only be executed upon instruction from the Employer (KZN Department of Health) through the Principal Agent if and when required and instructed by the Director of Health at KZN Department of Health</u>			
<u>The Employer shall not be held responsible or liable to the Contractor for any financial claims in the event that no or limited work is executed under this provision</u>			
<b><u>Allowances for remedial work to be carried out on existing water supply system</u></b>			
16	Allow the money provision of R150 000,00 (One Hundred and Fifty Thousand Rand) for remedial work to be carried out as directed by the Principal Agent	Item	150 000,00
<b><u>Leak location and remedial work</u></b>			
17	Excavate not exceeding 1m deep for and locate damaged water supply pipe, block-off and cut-out, take up and remove water supply pipe not exceeding 90mm diameter, prepare existing pipe and install and rejoin new water supply pipe not exceeding 90mm diameter (elsewhere measured) with new flexible fittings (elsewhere measured) including backfilling, compaction, temporary blocking-off, etc. complete (L.I.)	m 45	
<b><u>WATER SUPPLY PIPES</u></b>			
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**Class 10 type IV HDPE pressure pipes**

18	50mm Pipes (L.I.)	m	90
19	75mm Pipes (L.I.)	m	45
20	90mm Pipes (L.I.)	m	45

**Extra over HDPE pipes for Plasson compression fittings**

21	50mm Adaptor coupling	No	60
22	75mm Adaptor coupling	No	30
23	90mm Adaptor coupling	No	30

**INSPECTION CHAMBERS**

**Inspection chambers, catchpits, etc. (covers elsewhere)**

24	Excavate for and construct inspection chamber complete with one brick wall to all sides including internal and external plaster to brick walls, 1540 x 1540mm wide and exceeding 500mm and not exceeding 750mm deep internally with rebated opening with female galvanised band for 750mm diameter precast concrete lid (cover elsewhere), 150mm thick 20Mpa concrete to bottoms and slabs, finished with wood float and benched up in fine concrete, finished smooth in 1:5 cement plaster to self draining falls, including all holes through sides for pipes, filling, etc (L.I.)	No	3
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**Covers, etc**

25	750mm Diameter x 150mm thick 25MPa rebated precast concrete lid with galvanised steel rim lining and two lifting slots, finished smooth on exposed surfaces with cement plaster, including all necessary formwork and reinforcement	No	3
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**TESTING, CONNECTIONS, ETC**

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**Testing**

- 26 Provide all the necessary apparatus, labour, etc. and pressure test the whole of the water supply for Zone A to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)
- 27 Provide all the necessary apparatus, labour, etc. and pressure test the whole of the water supply for Zone B to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)
- 28 Provide all the necessary apparatus, labour, etc. and pressure test the whole of the water supply for Zone C to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)
- 29 Provide all the necessary apparatus, labour, etc. and pressure test the whole of the water supply for Zone D to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)
- 30 Provide all the necessary apparatus, labour, etc. and pressure test the whole of the water supply for Zone E to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)
- 31 Provide all the necessary apparatus, labour, etc. and pressure test the whole of the water supply for Zone F to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)

Item

Item

Item

Item

Item

Item

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32	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the water supply for Zone G to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)		Item		
33	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the water supply for Zone H to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)		Item		
34	Provide all the necessary apparatus, labour, etc. and pressure test the whole of the water supply for Zone I to the satisfaction of the Representative/ Agent, all in accordance with the "Preliminary Sewer and Water Reticulation Inspection Methodology" - (Repairing of damaged sections elsewhere measured)		Item		
35	Testing complete water supply system after completion of all remedial work	No	1		
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Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No 3</u></b></p> <p><b><u>STORMWATER DRAINAGE (PROVISIONAL)</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 154 UNLESS OTHERWISE STATED)</u></b></p> <p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items or materials</u></b></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent</p> <p><b><u>Formwork</u></b></p> <p>Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use</p> <p>The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself</p>			
	<b>Carried to Collection</b>			R
	<p>Section No. 3                      Bill No. 3                      STORMWATER DRAINAGE (PROVISIONAL)                      ProQS Vryheid ©                      OCTOBER 2021</p>			

**Carting away of excavated material**

Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site

**Filling**

Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material

**Testing**

Prices for filling are to include for all necessary density tests in accordance with SABS 1200D

**Labour Intensive**

All items marked (L.I.) must be executed in a labour intensive manner and no deviations will be accepted

The Contractor must take this method of construction into consideration when programming the works

**REMEDIAL WORK TO STORMWATER DRAINAGE (Provisional)**

**Note:**

The following work will only be executed upon instruction from the Employer (KZN Department of Health) through the Principal Agent if and when required and instructed by the Director of Health at KZN Department of Health

The Employer shall not be held responsible or liable to the Contractor for any financial claims in the event that no or limited work is executed under this provision

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<b><u>Allowances for remedial work to be carried out on existing stormwater drainage system</u></b>				
1	Allow the money provision of R150 000,00 (One Hundred and Fifty Thousand Rand) for remedial work to be carried out as directed by the Principal Agent		Item	150 000,00
<b><u>STORMWATER BERM</u></b>				
<b><u>Site clearance</u></b>				
2	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc (L.I.)	m2	100	
<b><u>Excavation not exceeding 2m deep</u></b>				
3	Excavation not exceeding 2m deep for channels (L.I.)	m3	15	
<b><u>Extra over all excavations for carting away</u></b>				
4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor (L.I.)	m3	15	
<b><u>Compaction of surfaces</u></b>				
5	Compaction of ground surface under floors, etc including scarifying for a depth of 150 mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density (L.I.)	m2	100	
<b><u>Ground preparation</u></b>				
6	Cultivation and preparation of areas to be planted (L.I.)	m2	100	
<b><u>Topsoil, compost, lime and fertilizer</u></b>				
7	Topsoil obtained from excavations in grassed storm water berms (L.I.)	m3	15	
<b><u>Grassing, ground covers, etc</u></b>				
8	"Royal" or "Silverton Blue Cynodon" sods (L.I.)	m2	100	
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**STORMWATER CHANNEL DRAINAGE**

**Leak location and remedial work**

9	Excavate not exceeding 1m deep for and locate damaged concrete stormwater pipe, block-off and cut-out, take up and remove concrete stormwater pipe not exceeding 450mm diameter, prepare existing pipe and install and rejoin new concrete stormwater pipe not exceeding 450mm diameter (elsewhere measured) with new fittings, catchpits, etc. (elsewhere measured) including backfilling, compaction, temporary blocking-off, etc. complete (L.I.)	m	30
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**Break up and remove mass concrete, etc**

10	100mm Thick aprons and stoeps (L.I.)	m2	2 380
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**Take out and remove manhole, covers, fittings, etc**

11	450 X 300mm Stormwater grating and frame, "Du Plessis" product no. 2880 (L.I.)	No	6
12	Stormwater catch pit (L.I.)	No	3
13	Precast concrete gulley (L.I.)	No	10

**Carefully take out and remove existing manholes, gulleys, etc, and set aside for re-use**

14	Precast concrete gulley (L.I.)	No	90
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**Service existing pipes, fittings, etc**

15	160mm PVC pipes laid in trenches, including fittings, etc (L.I.)	m	738
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**Re-use of existing components**

16	Clean out and prepare gully set-aside for re-use, including making good (L.I.)	No	90
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<b><u>Excavation not exceeding 2m deep</u></b>		
17	Trenches (L.I.)	m3 332
18	Over site to reduce levels under stormwater channels (L.I.)	m3 714
<b><u>Extra over bulk excavations in earth for excavation in</u></b>		
19	Soft excavations (L.I.)	m3 105
20	Intermediate excavations (L.I.)	m3 52
<b><u>Risk of collapse of excavations</u></b>		
21	Sides of excavations not exceeding 1,5m deep (L.I.)	m2 1 659
22	Sides of excavations exceeding 1,5m and not exceeding 3m deep (L.I.)	m2 553
<b><u>Extra over all excavations for carting away</u></b>		
23	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor (L.I.)	m3 1 046
<b><u>Keeping excavations free of water</u></b>		
24	Allow for keeping excavations free of water	Item
<b><u>Weedkiller applied at a rate as indicated by the manufacturer</u></b>		
25	Under stormwater channels, etc (L.I.)	m2 2 380
26	To bottoms and sides of trenches, etc (L.I.)	m2 2 378

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<b><u>Compaction of surfaces</u></b>		
27	Compaction of ground surface under pavings etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Modified AASHTO density (L.I.)	m2 2 380
<b><u>Approved filling of G7 material supplied by the contractor</u></b>		
28	Under floors, steps, pavings, etc compacted to 93% Modified AASHTO density (L.I.)	m3 332
<b><u>One layer of 250 micron green polyethylene sheeting (complying with SABS 952-1969 as Type C) sealed at laps with approved pressure sensitive tape</u></b>		
29	Under surface beds (L.I.)	m2 2 380
30	Vapour barrier (L.I.)	m2 1 106
<b><u>25MPa/19mm Reinforced concrete</u></b>		
31	Concrete aprons cast in panels, laid to fall, with control joints filled with polysulphide sealant (L.I.)	m3 238
<b><u>Finishing top surfaces of concrete smooth with a wood float</u></b>		
32	Dished stormwater channel, slabs, spilling basins, etc to falls and currents	m2 2 380
<b><u>Rough formwork to sides</u></b>		
33	Edges, risers, ends and reveals not exceeding 300mm high or wide (L.I.)	m 985

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	<b><u>Expansion joints with 10mm closed cell expanded between vertical concrete surfaces, including formwork to edge</u></b>		
34	10mm Joints not exceeding 300mm wide (Provisional) (L.I.)	m	985
	<b><u>Saw cut joints</u></b>		
35	Form 3 x 40mm saw cut to top of concrete within twelve hours of pouring. Allow to cure for seven days then ream out to form 10mm deep and 6mm wide recess (Provisional) (L.I.)	m	739
	<b><u>Fabric reinforcement</u></b>		
36	Type 193 fabric reinforcement in concrete V-channels, slabs, etc (L.I.)	m2	2 380
	<b><u>Stormwater scatterer at open end of stormwater channels</u></b>		
37	25MPa/19mm Concrete in spilling basin size 2000 x 3000mm at open end of stormwater channels with hard burnt clay bricks set in concrete, including all necessary excavations and formwork (L.I.)	No	10
	<b><u>Gabions, etc.</u></b>		
38	Reno Mattresses 2000mm long x 1000mm wide x 300mm high formed with 2.2mm thick "Mesh Type 60" Class A galvanised wire, filled with rock ranging between 75mm and 150mm, including all necessary excavations, placing and installation, etc., all as per manufacturers specification (L.I.)	No	15
	<b><u>Precast concrete channel</u></b>		
39	200mm Precast concrete channel laid to falls, to join existing stormwater system (L.I.)	m	985

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**Class 100D concrete pipes with interlocking joints**

40	300mm Pipes laid in and including trenches not exceeding 1m deep (L.I.)	m	60
41	450mm Pipes laid in and including trenches not exceeding 1m deep (L.I.)	m	30
42	600mm Diameter culvert (L.I.)	No	10

**Sumps, catchpits, inspection chambers, etc including concrete kerbs or precast concrete cover slabs (gratings and covers elsewhere)**

43	1200 x 1200mm Brick catchpit not exceeding 1000mm deep internally (L.I.)	No	10
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**Cast iron gratings, covers, etc**

44	450 X 300mm Stormwater grating and frame, "Du Plessis" product no. 2880 (L.I.)	No	13
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**TESTING, CONNECTIONS, ETC**

**Testing**

45	Provide all the necessary apparatus, labour, etc. and inspect the entire stormwater system for Zone A for leaks, damming, poor drainage, etc. to the satisfaction of the Representative/ Agent, all in accordance with the specification - (Repairing of damaged sections elsewhere measured)	Item	
46	Provide all the necessary apparatus, labour, etc. and inspect the entire stormwater system for Zone B for leaks, damming, poor drainage, etc. to the satisfaction of the Representative/ Agent, all in accordance with the specification - (Repairing of damaged sections elsewhere measured)	Item	

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47	Provide all the necessary apparatus, labour, etc. and inspect the entire stormwater system for Zone C for leaks, damming, poor drainage, etc. to the satisfaction of the Representative/ Agent, all in accordance with the specification - (Repairing of damaged sections elsewhere measured)	Item	
48	Provide all the necessary apparatus, labour, etc. and inspect the entire stormwater system for Zone D for leaks, damming, poor drainage, etc. to the satisfaction of the Representative/ Agent, all in accordance with the specification - (Repairing of damaged sections elsewhere measured)	Item	
49	Provide all the necessary apparatus, labour, etc. and inspect the entire stormwater system for Zone E for leaks, damming, poor drainage, etc. to the satisfaction of the Representative/ Agent, all in accordance with the specification - (Repairing of damaged sections elsewhere measured)	Item	
50	Provide all the necessary apparatus, labour, etc. and inspect the entire stormwater system for Zone F for leaks, damming, poor drainage, etc. to the satisfaction of the Representative/ Agent, all in accordance with the specification - (Repairing of damaged sections elsewhere measured)	Item	
51	Provide all the necessary apparatus, labour, etc. and inspect the entire stormwater system for Zone G for leaks, damming, poor drainage, etc. to the satisfaction of the Representative/ Agent, all in accordance with the specification - (Repairing of damaged sections elsewhere measured)	Item	
52	Provide all the necessary apparatus, labour, etc. and inspect the entire stormwater system for Zone H for leaks, damming, poor drainage, etc. to the satisfaction of the Representative/ Agent, all in accordance with the specification - (Repairing of damaged sections elsewhere measured)	Item	
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53	Provide all the necessary apparatus, labour, etc. and inspect the entire stormwater system for Zone I for leaks, damming, poor drainage, etc. to the satisfaction of the Representative/ Agent, all in accordance with the specification - (Repairing of damaged sections elsewhere measured)		Item	
54	Testing complete stormwater system after completion of all remedial work	No	1	
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Item No	Quantity	Rate	Amount R
<p><b><u>BILL No 4</u></b></p>			
<p><b><u>TEMPORARY PREFABRICATED BUILDING(S) (PROVISIONAL)</u></b></p>			
<p><b><u>(CPAP WORK GROUP NO. 138 UNLESS OTHERWISE STATED)</u></b></p>			
<p>For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'</p>			
<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
<p><b><u>General</u></b></p>			
<p>Items, materials, units and design as per "KikSpace Modular Building" or equal approved</p>			
<p><b><u>Maintenance</u></b></p>			
<p>The Contractor to make provision / allowance for the maintenance, upkeep and repairs to prefabricated buildings for the duration of the contract in his rates and no additional claims in this regard will be considered</p>			
<p><b><u>Installation, Ownership, etc.</u></b></p>			
<p>Prefabricated buildings must be supplied and installed / assembled and / or placed in position on site</p>			
<p>The rate tendered is for the purchase of the units and once delivered on site, will become the property of Client (KZN DOH)</p>			
<p>The whole assembly / installation / placement to comply with all relevant SANS Specification</p>			
<p><b><u>TEMPORARY ACCOMMODATION FOR CLINIC</u></b></p>			
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<p>Section No. 3                      Bill No. 4                      TEMPORARY ACCOMMODATION (PROVISIONAL)                      ProQS Vryheid ©                      OCTOBER 2021</p>			

<b><u>Prefabricated Buildings, etc.</u></b>				
1	Supply and place in position single wide four office unit, size 11.620 x 2.990m wide complete (Refer to drawing DS-OF2.99-11.62-04)	No	2.00	
2	Supply and place in position single wide male/female/disabled ablution unit, size 5.820 x 2.990m wide (Refer to drawing 20794-1C)	No	1.00	
<b><u>Connecting to existing infrastructure, etc.</u></b>				
3	Allow for connecting of water and sewer services to three temporary accommodation units including issuing of all necessary test, compliance and occupation certificates, etc.			Item
4	Allow for connecting of three temporary accommodation units to electrical reticulation including issuing of all necessary occupation, compliance and test certificates, etc.			Item
<b><u>Transportation and relocation of prefabricated buildings, etc.</u></b>				
5	Allow for transport from Supplier / Factory to Dannhauser CHC			Item
6	Allow for dismantling of three temporary accommodation units after contract completion and relocating and re-erecting in new position within a 100km radius from the Dannhauser CHC including concrete pads, steps, etc. complete			Item
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1	Preliminaries	21	
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	Subtotal		R
	<b><u>BUDGETARY ALLOWANCE</u></b>		
	ADD: Cost Escalation (Contract Price Adjustment Provisions - CPAP) <b>@ 11%</b>		
	<i>(The sum provided here is estimated and notwithstanding anything to the contrary contained in the GCC for Construction Works 2010 2nd Edition, this amount will be adjustment as per the Contract Price Adjustment Provisions Indices Application Manual for use with P0151 indices (CPAP) (Revised 1 January 2013) as published by Statistics South Africa)</i>		R
	Subtotal		R
	ADD: Value added Tax at 15%		R
	<b>Carried to T2.21 - FORM OF OFFER AND ACCEPTANCE</b>		R
	ProQS Vryheid © OCTOBER 2021		



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**DEPARTMENT OF HEALTH: PIETERMARITZBURG DANNHAUSER COMMUNITY HEALTH  
CENTRE: STRUCTURAL REPAIRS**

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**PART C3. SCOPE OF WORKS**

<b>C3.1 SCOPE OF WORKS</b> <b>GCC FOR CONSTRUCTION WORKS (Edition 2 of 2010)</b>			
Scope of Works compiled in accordance with SANS 10403 where reference is made to this part of SANS 1921-1:2004			
<b>Project title:</b>	<b>KWAZULU NATAL: DEPARTMENT OF HEALTH: DANNHAUSER COMMUNITY HEALTH CENTRE: STRUCTURAL REPAIRS</b>		
<b>Tender no:</b>	<b>ZNB 5469/2021-H</b>	<b>Project Code:</b>	<b>31011046</b>
<b>1</b>	<p><b><u>SECTION 1</u></b></p> <p><b><u>EXTENT OF THE WORKS</u></b></p> <p><b>1.1 EMPLOYERS OBJECTIVES</b></p> <p>The structural repairs to existing community health care centre at Dannhauser (Dannhauser Local Municipality) for the Kwazulu-Natal Department of Health, incorporating all relevant infrastructure to ensure proper functionality and performance of the existing community health care centre.</p> <p><b>1.2 OVERVIEW OF THE WORKS</b></p> <p>The structural repairs to existing community health care centre at Dannhauser (Dannhauser Local Municipality) for the Kwazulu-Natal Department of Health, incorporating all relevant infrastructure to ensure proper functionality and performance of the existing community health care centre.</p> <p>The existing facility / premises will be occupied for the full duration of the contract and interference in the day to day operations of the facility must be kept to a minimum</p> <p><b>1.3 EXTENT OF THE WORKS</b></p> <p>The contract comprises the following:          (Please refer to the "Design Report" included under the Annexures for detail descriptions)</p> <p>Structural repairs to the existing community health care centre at Dannhauser incorporating the following new &amp; remedial work;</p> <ul style="list-style-type: none"> <li>- Repairing of existing and installation of new expansion joints to concrete &amp; brickwork to the following</li> <li>- Repairing of structural cracks to concrete &amp; brickwork</li> <li>- Repairs to existing floor coverings</li> <li>- Repairs do damaged doors and frames</li> <li>- Articulation of the Buildings o allow for movement</li> <li>- Repairs to external and internal walls</li> <li>- Repairs to existing water &amp; sewerage installation</li> <li>- Repairs to roads, kerbs, sidewalks, walkways, courtyards, aprons, etc.</li> <li>- Installation of new external Vapour Barrier</li> <li>- Repairs to existing paved areas and paving of grassed areas</li> <li>- Sealing of existing planting boxes</li> <li>- Stormwater control</li> <li>- Remedial Electrical work</li> <li>- Remedial Mechanical work</li> </ul> <p>Contractor to refer to the Preliminary Works Methodology, Provisional Sectional Completion Programme / decanting plan for more details for the Sequence of work activities.</p> <p>The contract period is divided into 6 sections:</p> <p>(Contractor to note that the section following on the previous section will only be allowed to commence once the existing section has been completed and the practical completion certificate has been issued)</p>		

	<p><b>Section 1</b> - Work Stage 1 to 12 &amp; 54 to 59 - Zone 1, 2, 3a, 3b, 13a &amp; 13b (Pharmacy, Administration, HAST) - Contract Period - 4 Calendar Months (Provisional)</p> <p><b>Section 2</b> Work Stage 13 to 21 Zone 4, 5a &amp; 5b (Short Stay Ward, Casualty &amp; Reception) Contract Period - 3 Calendar Months (Provisional)</p> <p><b>Section 3</b> Work Stage 22 to 33 &amp; 60 to 68 Zone 6a, 6b, 7a, 7b, 14a, 14b &amp; 15 (Maternity, Woman &amp; Child Care, Domestic Services, Maintenance &amp; Mortuary) Contract Period - 4 Calendar Months (Provisional)</p> <p><b>Section 4</b> Work Stage 34 to 42 and 69 to 74 Zone 8a, 8b, 9, 16a 16b (Radiology, Dentist, Rehabilitation, Additional Administration) Contract Period - 4 Calendar Months (Provisional)</p> <p><b>Section 5</b> Work Stage 43 to 53 Zone 10a, 10b, 11 &amp; 12 (Common &amp; Chronic Diseases, Counselling, TB &amp; Infectious Diseases &amp; Training Centre) Contract Period - 3 Calendar Months (Provisional)</p> <p><b>Section 6</b> Work Stage 75 to 77 Zone External Works, Contractual Requirements (Preliminaries) &amp; Temporary Accommodation for Decanting purposes Contract Period - 18 Calendar Months (Provisional)</p> <p>(The facility will be fully functional and occupied for the duration of the contract)</p>
<b>1.4</b>	<p><b>LOCATION OF THE WORKS</b></p> <p>The site is the existing Dannhauser Community Health Centre</p> <p>Vehicle access to the site will be possible through main entrance gate from the main road from Darnaco/ Dannhauser on the south east side of the site.</p>
<b>1.5</b>	<p><b>TEMPORARY WORKS</b></p> <p>All temporary work to comply with the Occupational Health and safety Act (Act 85 of 1993)</p>



<p><b>2</b></p> <p><b>2.1</b></p> <p><b>2.2</b></p> <p><b>2.3</b></p>	<p><b><u>ENGINEERING</u></b></p> <p><b>EMPLOYER'S DESIGN</b></p> <p>NOT APPLICABLE</p> <p>Concept design is not required</p> <p>The employer's design is a detail design prepared by the the various appointed building professionals and can be summarised as follow;</p> <ol style="list-style-type: none"> <li>1. Working drawings (fully completed)</li> <li>2. Bills of quantities (Building, civil, structural, mechanical, electrical, OHS, EPWP, etc.)</li> <li>3. Detail specifications, and</li> <li>4. Contractual documentallon</li> </ol> <p><b>DESIGN BRIEF</b></p> <p>NOT APPLICABLE</p> <p>Only applicable where the employer has provided a concept design</p> <p>The employer has provided a detail design for the project that is fully documented</p> <p><b>DRAWINGS</b></p> <p>See list of drawings/Annexure's attached to this document.</p>
<p><b>2.4</b></p> <p><b>3</b></p> <p><b>3.1</b></p> <p><b>3.2</b></p>	<p><b>DESIGN PROCEDURES</b></p> <p>NOT APPLICABLE</p> <p>Only applicable if the contractor is responsible for the design which, as a minimum, sets out:</p> <ul style="list-style-type: none"> <li>- interfaces with existing structures, plant, etc.;</li> <li>- temporary works requirements, if any, e.g. specialized items of equipment;</li> <li>- design integration before and during construction;</li> <li>- procedures for all necessary approvals;</li> <li>- special procedures, e.g. environmental procedures;</li> <li>- design change procedures; and</li> <li>- record keeping and tracking of documents.</li> </ul> <p><b><u>PROCUREMENT</u></b></p> <p><b>PREFERENTIAL PROCUREMENT PROCEDURES</b></p> <p>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. Tenderers are referred to <a href="http://www.kzntreasury.gov.za">www.kzntreasury.gov.za</a> for access to the relevant documents.</p> <p>Tenderers are advised to famillarize themselves with the contents of the KwaZulu-Natal Supply Chain Management Policy Framework regarding Preference Point Systems, evaluation of Tenders appeals and other matters.</p> <p><b>RESOURCE STANDARD PERTAINING TO TARGETED PROCUREMENT</b></p> <p>NOTE : This project will be adjudicated as not exceeding R 50,000 000,00</p>

3.3	<b>SCOPE OF MANDATORY SUBCONTRACT WORK</b> Not applicable																										
3.4	<b>PREFERRED SUBCONTRACTORS/SUPPLIERS</b> Not applicable																										
3.5	<b>SUBCONTRACTING PROCEDURES</b> Not applicable																										
4	<b><u>CONSTRUCTION</u></b> <b>4.1 APPLICABLE SANS 2001 STANDARDS FOR CONSTRUCTION WORKS</b> <p>The Contractor is referred to the "Standard Preambles for all Trades (Rev 3) - DOH 2009", 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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>																										
4.2	<b>APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS</b> See above 4.1																										
4.3	<b>PARTICULAR / GENERIC SPECIFICATIONS</b> <p>The Contractor is referred to the following documents whether attached to this document or not:</p> <table border="0"> <thead> <tr> <th data-bbox="363 1585 534 1615"><u>SPECIFICATION</u></th> <th data-bbox="1066 1585 1145 1615"><u>PAGES</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="363 1615 805 1644">Specification for HIV/AIDS Awareness (CIDB)</td> <td data-bbox="1066 1615 1209 1644">HIV1 TO HIV3</td> </tr> <tr> <td data-bbox="363 1644 949 1673">Occupational Health and Safety Specification (OHSE SPEC)</td> <td data-bbox="1066 1644 1134 1673">1 to 29</td> </tr> <tr> <td data-bbox="363 1673 901 1702">Standard Preambles for all Trades (Rev 3) - DOH 2009</td> <td data-bbox="1066 1673 1134 1702">1 to 95</td> </tr> <tr> <td data-bbox="363 1702 678 1731">General Electrical Specifications</td> <td data-bbox="1066 1702 1166 1731">E1 to E18</td> </tr> <tr> <td data-bbox="363 1731 694 1760">Lightning Protection Specifications</td> <td data-bbox="1066 1731 1193 1760">LP/1 to LP/ 6</td> </tr> <tr> <td data-bbox="363 1760 662 1789">Map of Bid submission location</td> <td data-bbox="1066 1760 1082 1789">1</td> </tr> <tr> <td data-bbox="363 1789 614 1818">Joint Venture Agreement</td> <td data-bbox="1066 1789 1129 1818">1 to 7</td> </tr> <tr> <td data-bbox="363 1818 949 1848">Occupational Health and Safety Specification (OHSE SPEC)</td> <td data-bbox="1066 1818 1134 1848">1 to 29</td> </tr> <tr> <td data-bbox="363 1848 630 1877">Baseline Risk Assessment</td> <td data-bbox="1066 1848 1129 1877">1 to 6</td> </tr> <tr> <td data-bbox="363 1877 614 1906">Builders Lien Agreement</td> <td data-bbox="1066 1877 1082 1906">1</td> </tr> <tr> <td data-bbox="363 1906 933 1935">Geotechnical Investigation Report - Geosure 13 May 2011</td> <td data-bbox="1066 1906 1134 1935">1 to 52</td> </tr> <tr> <td data-bbox="363 1935 646 1964">EPWP Employment Contract</td> <td data-bbox="1066 1935 1134 1964">1 to 11</td> </tr> </tbody> </table>	<u>SPECIFICATION</u>	<u>PAGES</u>	Specification for HIV/AIDS Awareness (CIDB)	HIV1 TO HIV3	Occupational Health and Safety Specification (OHSE SPEC)	1 to 29	Standard Preambles for all Trades (Rev 3) - DOH 2009	1 to 95	General Electrical Specifications	E1 to E18	Lightning Protection Specifications	LP/1 to LP/ 6	Map of Bid submission location	1	Joint Venture Agreement	1 to 7	Occupational Health and Safety Specification (OHSE SPEC)	1 to 29	Baseline Risk Assessment	1 to 6	Builders Lien Agreement	1	Geotechnical Investigation Report - Geosure 13 May 2011	1 to 52	EPWP Employment Contract	1 to 11
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	Attendance Register - Infrastructure and Other projects	1
	EPWP Data Collection tool for Phase 3 system	1
	EPWP Monthly Payment Upload Form	1
	EPWP Training Capture Form	1
	EPWP Proof of Payment by Contractor Form	1
	EPWP Acknowledgement of Receipt of Payment	1
	EPWP Business Plan	1 to 2
	EPWP Project File Checklist	1
	EPWP Bill of Quantities	2
	Supplementary Preambles	SUP1 to SUP5
	Supplementary Preambles Electrical	SUP1-E1 to SUP1-E6
	Dannhauser CHC – Structural Repair Design Report	1 to 19
	Preliminary Works Methodology	1 to 4
	Preliminary Sewer and Water Reticulation Inspection Methodology	1
	Methodology For Installation Of Bearings Below Pharmacy Roof Slab	1
	Provisional Sectional Completion Programme	4
<b>4.4</b>	<b>CERTIFICATION BY RECOGNIZED BODIES</b>	
	Only contractors registered with the Electrical Contracting Board of South Africa in accordance with the Regulations of the Occupational Health and Safety Act will be accepted and permitted to do work under this contract.	
<b>4.5</b>	<b>AGRÉMENT CERTIFICATES</b>	
	Not applicable	
<b>4.6</b>	<b>PLANT AND MATERIAL PROVIDED BY THE EMPLOYER</b>	
	Not applicable	
<b>4.7</b>	<b>SERVICES AND FACILITIES PROVIDED BY THE EMPLOYER</b>	
	Not applicable	
<b>4.8</b>	<b>OTHER SERVICES AND FACILITIES</b>	
	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.	
<b>5</b>	<b><u>MANAGEMENT</u></b>	
<b>5.1</b>	<b>APPLICABLE SANS 1921 STANDARDS</b>	
	Tenderers are referred to SECTION 2 : SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 IN THIS DOCUMENT	

<b>5.2</b>	<p><b>RECORDING OF WEATHER</b></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 &gt; 10mm per day) as per the table below:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <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>4</td><td>4</td><td>4</td></tr> <tr><td>February</td><td>w/days</td><td>4</td><td>4</td><td>4</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>2</td><td>2</td><td>2</td></tr> <tr><td>May</td><td>w/days</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>June</td><td>w/days</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>July</td><td>w/days</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>August</td><td>w/days</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>September</td><td>w/days</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>October</td><td>w/days</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>November</td><td>w/days</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>December</td><td>w/days</td><td>5</td><td>5</td><td>5</td></tr> </tbody> </table>	CURRENT YEAR			YEAR + 1	YEAR + 2	January	w/days	4	4	4	February	w/days	4	4	4	March	w/days	3	3	3	April	w/days	2	2	2	May	w/days	1	1	1	June	w/days	0	0	0	July	w/days	0	0	0	August	w/days	1	1	1	September	w/days	1	1	1	October	w/days	4	4	4	November	w/days	4	4	4	December	w/days	5	5	5
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<b>5.3</b>	<p><b>MANAGEMENT MEETINGS</b></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> <p><b>5.4 FORMS FOR CONTRACT ADMINISTRATION</b></p> <p>The Employer shall provide all necessary forms.</p> <p><b>5.5 ELECTRONIC PAYMENTS</b></p> <p>The Contractor shall provide all required information to the Employer to facilitate electronic payments upon request.</p> <p><b>5.6 DAILY RECORDS</b></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> <p><b>5.7 BONDS AND GUARANTEES</b></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><b>PAYMENT CERTIFICATES</b></p> <p>Requirements will be in accordance with the Employers prescriptions.</p>
5.9	<p><b>PERMITS</b></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><b>PROOF OF COMPLIANCE WITH THE LAW</b></p> <p>The following certificates must be provided before first delivery is taken:</p> <ul style="list-style-type: none"> <li>- HIV/STI Report (Bound into this document)</li> <li>- Electrical Compliance Certificate</li> <li>- Plumbing Compliance Certificate</li> <li>- Lightning Certificate</li> <li>- Soil Protection Certificate</li> <li>- Concrete test and cube certificates</li> <li>- Waterproofing Guarantee certificates</li> <li>- TR1 and TR2 prefabricated roof truss certificates</li> <li>- Soil compaction certificates</li> <li>- Electrical and Mechanical test certificates</li> <li>- Plumbing and drainage pressure test certificates</li> <li>- Fire Compliance Certificate</li> <li>- Entomology Certificate</li> <li>- SANS 10400-A:2010 compliance certificates</li> <li>- Latest National Building Regulation</li> </ul>
5.11	<p><b>INSURANCE PROVIDED BY THE EMPLOYER</b></p> <p>Not Applicable</p> <p><b>SECTION 2</b></p> <p><b><u>SPECIFICATION DATA ASSOCIATED WITH SANS 1921-2004</u></b></p> <p>Clause Numbers</p> <p><b>4.1.7 The requirements for drawings, information and calculations for which the Contractor is responsible are:</b></p> <p>Prefabricated roof trusses design must be submitted for approval 30 days prior to fabrication      Mechanical workshop drawings to be submitted for approval prior to any manufacturing taking place      Electrical workshop drawings for DB's to be submitted for approval prior to any manufacturing taking place      Structural steel structures design must be submitted for approval 30 days prior to fabrication</p> <p><b>4.2.1 The responsibility strategy assigned to the Contractor for the works is:</b></p> <p>Strategy A</p>

4.2.2	<p><b>The structural engineer is:</b></p> <p>HSC Consulting</p>
4.2.3	<p><b>Drawings &amp; other info are to be submitted in accordance with the contractors programme</b></p> <p>YES</p>
4.3	<p><b>The planning, programme and method statement are to comply with the following:</b></p> <p>The planning, programme and method statements applied in the execution of the works shall be in accordance with the contract data or the specification data (or both).</p> <p>The contractor shall give the employer notice as specified in the specification data whenever any material or work which is subject to inspection is to be covered up or concealed in any way and shall expose and later make good such material or work where such notice was not so provided</p>
4.12.1	<p><b>Samples of materials</b></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:</p> <ul style="list-style-type: none"> <li>- Tile sample.</li> <li>- Brick sample.</li> <li>- Light fitting sample.</li> <li>- Screed panel 2m x 2m impact test.</li> <li>- Tested trial mix to be approved by the Engineer.</li> </ul>
4.12.2	<p><b>Fabrication drawings that the contractor is to provide to the employer are:</b></p> <p>Distribution Boards (DB), Electrical Kiosk, Electrical schematic diagrams, Mechanical drawings, Steel Roof Trussess</p>
4.12.3	<p><b>Office accommodation, equipment, accommodation for site meetings and other facilities for use by the employer and his agents are:</b></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><b>OFFICE FOR INSPECTOR OF WORKS</b></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.</p> <p>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.</p> <p>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>Not applicable</p>
	<p><b>TELEPHONE IN OFFICE FOR INSPECTOR OF WORKS</b></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>Not applicable</p>
	<p><b>SHED</b></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><b>4.14.6</b></p>	<p><b>The requirement for provision and erection of signboards are:</b></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 Health. 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><b>4.17.1</b></p>	<p><b>Requirement for the termination, diversion or maintenance of existing services:</b></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><b>4.17.3</b></p>	<p><b>Services which are known to exist on the site:</b></p> <p>Contractor to Investigate and provide detail drawings of old building foundations, sewer piles, etc as and when required.</p>
<p><b>4.17.4</b></p>	<p><b>Requirement for detection apparatus</b></p> <p>None</p>

**4.18 ADDITIONAL HEALTH AND SAFETY REQUIREMENTS ARE:**

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.

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 invalidate the Tender.

Tenderers are therefore advised to study the 'Construction Safety, Health and Environmental Specification' which is issued as part of this Tender document, the Standard Preambles for all Trades (Rev 3) - DOH 2009, 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.

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.

**4.22 WORK BY NOMINATED AND SELECTED SUBCONTRACTORS COMPRISE:**

NONE

All Sub-contractors to be domestic



## C3.2 - SPECIFICATION FOR HIV/AIDS AWARENESS

### **1 Scope**

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

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

### **2 Normative references:**

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

SANS 4074 ISO 4074, *Condom Rubbers*

### **3 Definitions and Abbreviations**

#### **3.1 Definitions**

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

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

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

#### **3.2 Abbreviations**

STI: Sexually transmitted infection

HIV: Human Immunodeficiency Virus

AIDS: Acquired Immune Deficiency Syndrome

### **4 Objectives**

The objectives are to:

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

## **5 Requirements**

### **5.1 General requirement**

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

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

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

### **5.2 HIV awareness programme**

#### **5.2.1 The contractor shall:**

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

**Note:** The National Department of Health maintains a list of qualified service providers.

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

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

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

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

### **5.3 Reporting**

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

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

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

**C3.3 - HIV/STI COMPLIANCE REPORT**  
Pro-forma reporting format in terms of the SPECIFICATION FOR HIV/AIDS AWARENESS

Project Code:  Period covered by payment claim:

Payment Claim number:

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

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

Name	<u>Identity number</u>	Trade / <u>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:**

Name: \_\_\_\_\_

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

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

**Employer's representative:**

Name: \_\_\_\_\_

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

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



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**DEPARTMENT OF HEALTH: PIETERMARITZBURG DANNHAUSER COMMUNITY HEALTH CENTRE:  
STRUCTURAL REPAIRS**

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**PART C4. SITE INFORMATION**

<b>C4.1 SITE INFORMATION</b> <b>GCC FOR CONSTRUCTION WORKS (2 Edition of 2010)</b>			
<b>Project title:</b>		<b>KWAZULU NATAL: DEPARTMENT OF HEALTH: DANNHAUSER COMMUNITY HEALTH CENTRE: STRUCTURAL REPAIRS</b>	
<b>Tender No.</b>	<b>ZNB 5469/2021-H</b>	<b>Project Code:</b>	<b>31011046</b>
<b>C4.1 Site Information</b>			
<b>C4.1</b>	<b>GENERAL</b>		
(a)	<p>The site is the existing Dannhauser Community Health Centre which is a medical facility consisting of a main complex which has been divided into 4 modules and a further 17 separate buildings. These additional buildings include gate house, staff housing, mortuary, maintenance workshop and domestic building.</p> <p>The site is 4.8ha in extent and is situated south west of the town of Dannhauser, KwaZulu Natal. Access to the site is possible by means of fair to poor condition gravel roads which pass through the area.</p> <p>The site has a fall of some 9.5m from north to south with the main road from Damacol/ Dannhauser on the south east side of the site.</p> <p>The site is divided by a retaining wall with the medical facilities on the south of this wall and the accommodation buildings to the north.</p>		
(b)	<p>Vehicle access to the site will be possible through main entrance gate from the main road from Damacol/ Dannhauser on the south east side of the site.</p> <p>Access to municipal electrical and potable water supply is currently available on site.</p>		
(c)	<p>Existing services on site comprise, but is not limited, to the following;</p> <ul style="list-style-type: none"> <li>- Water reticulation</li> <li>- Sewer reticulation</li> <li>- Electrical reticulation</li> <li>- Roads</li> <li>- Sub-soil drainage systems, etc.</li> </ul>		
<b>C4.2</b>	<b>GEOTECHNICAL INVESTIGATION REPORT</b>		
(a)	<p>Refer to Geotechnical Investigation Report attached to this document for any reference to the subsoil conditions.</p>		



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**DEPARTMENT OF HEALTH: PIETERMARITZBURG DANHAUSER COMMUNITY HEALTH  
CENTRE: STRUCTURAL REPAIRS**

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**PART C5 - DRAWINGS / ANNEXURES**



## C5.1 - LIST OF DRAWINGS/ANNEXURES

### KWAZULU NATAL: DEPARTMENT OF HEALTH: DANNHAUSER COMMUNITY HEALTH CENTRE: STRUCTURAL REPAIRS

<b>Tender No.:</b>	ZNB 5469/2021-H	<b>Project Code:</b>	31011046
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(Where drawings/annexure's are issued, document compilers must insert the following paragraph and list the applicable drawings/annexure's below.)

The following drawings/annexure's shall be issued during the Tender period to form part of the Tender documentation. Where applicable, drawings/annexure's could be re-issued to the Contractor at commencement of the construction phase.

DRAWING NO	DESCRIPTION
S01	Paving and vapour barrier layout
S02	Services Layout
S03	Road and walkway layout
S04.01	Proposed remedial work key plan, layout and concrete
S04.02	Proposed remedial work key plan, layout and concrete
S04.03	Proposed remedial work key plan, layout and concrete
S04.04	Proposed remedial work key plan, layout and concrete
S04.05	Proposed remedial work key plan, layout and concrete
S04.06	Proposed remedial work key plan, layout and concrete
S04.07	Proposed remedial work key plan, layout and concrete
S04.08	Module 1 (16) Additional administration joint layout
S04.09	Module 13, 15 joint layout
S05	Concrete repair and construction details
S06	Brickwork repair and construction details
20794-1C	M/F & Disabled Ablution Unit
DS - OF2.99-11.62-04	Four Office Unit
Fig. 1: Zones	Zone Plan - Preliminary Works Methodology

#### **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 Bid submission location
Annexure 5	Joint Venture Agreement
Annexure 6	Occupational Health and Safety Specification (OHSE SPEC)
Annexure 7	Baseline Risk Assessment
Annexure 8	Builders Lien Agreement
Annexure 9	Geotechnical Investigation Report - Geosure 13 May 2011
Annexure 10	EPWP Employment Contract
Annexure 11	Attendance Register - Infrastructure and Other projects
Annexure 12	EPWP Data Collection tool for Phase 3 system
Annexure 13	EPWP Monthly Payment Upload Form
Annexure 14	EPWP Training Capture Form
Annexure 15	EPWP Proof of Payment by Contractor Form
Annexure 16	EPWP Acknowledgement of Receipt of Payment
Annexure 17	EPWP Business Plan
Annexure 18	EPWP Project File Checklist
Annexure 19	EPWP Bill of Quantities
Annexure 20	Supplementary Preambles
Annexure 21	Supplementary Preambles Electrical
Annexure 22	Dannhauser CHC - Structural Repair Design Report
Annexure 23	Preliminary Works Methodology
Annexure 24	Preliminary Sewer and Water Reticulation Inspection Methodology
Annexure 25	Methodology For Installation Of Bearings Below Pharmacy Roof Slab
Annexure 26	Provisional Sectional Completion Programme























