

**PROVINCIAL ADMINISTRATION OF KWAZULU-NATAL
DEPARTMENT OF PUBLIC WORKS**



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

BILLS OF QUANTITIES

with GCC for Construction Works - Second Edition 2010

CONTRACTUAL SECTION

ONE VOLUME APPROACH

SECTION 2 OF 4

**NORTH COAST REGION: DEPARTMENT OF HEALTH:
EKHOMBE DISTRICT HOSPITAL: COMPLETION CONTRACT (065794): NEW
STAFF ACCOMMODATION, RENOVATION AND UPGRADES TO EXISTING STAFF
ACCOMMODATION**

Architect/Principal Agent

Thubalethu Architects
P.O. Box 100389
Scottville
Scottville
3209
033 342 3992 - Tel Number
086 216 6935 - Fax Number
manqoba@thubalethu.co.za

Quantity Surveyor

ProQS Vryheid
P.O. Box 1546
Vryheid
3100
034 - 983 2213 - Tel Number
034 - 983 2836 - Fax Number
vanniekerk@proqs.co.za

Employer:

Head: Public Works
KZN Department of Public Works
Private Bag X 9041
PIETERMARITZBURG
3200
Tel Number: 033 - 8971300
Fax Number: 033 - 8971399

Region:

Regional Manager
KZN Department of Public Works
Private Bag X 42
Ulundi
3838
Tel Number: 035-874 3349
Fax Number: 035-874 2519

Tender Number: ZNTU 04264 W

CIDB Grading: 7GB or Higher

ECDP Number: N/A

Project Code: 066009

Document Date: 25 September 2024

Contract Period: 18 Calendar Months

Contracting Party: _____

CIDB Registration number: _____

Central Suppliers Database Registration Number: _____

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL:
COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND
UPGRADES TO EXISTING STAFF ACCOMMODATION**



KWAZULU-NATAL PROVINCE
PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

SECTION 1 OF 4
THE TENDER

1. PART T1: TENDER PROCEDURES

Page No.

T1.1	Tender Notice and Invitation to Tender	5
T1.2	Tender Data	5
T1.3	Annexure C - Standard Conditions of Tender	9

2. PART T2: RETURNABLE DOCUMENTS

T2.1	List of Returnable Documents	2
T2.2	Authority to Sign Tender (T2.2)	1
T2.3	Authority for Consortia or Joint Venture's to Sign Tender (T2.3)	2
T2.4	Special Resolution of Consortia or Joint Venture's (T2.4)	3
T2.5	Joint Venture Involvement Declaration (T2.5)	2
T2.6	Schedule of Proposed Sub-Contractors (T2.6)	1
T2.7	Capacity of Tenderer (T2.7)	6
T2.8	Financial Standing and other resources of Business Declaration (T2.8)	1
T2.9	Preference Points Claim Form (T2.9)	3
T2.10	Site Inspection Certificate as proof for attendance of compulsory briefing meeting (T2.10)	1
T2.11	Bidder's Disclosure - SBD 4 (T2.11)	3
T2.12	Record of Addenda to Tender Documents (T2.12)	1
T2.13	Particulars of Electrical Contractor (T2.13)	1
T2.14	Schedule of Imported Materials and Equipment (T2.14)	1
T2.15a	Annual Financial Statement for past financial year (2.15)	1
T2.16	Equipment Schedules (T2.16)	5
T2.17	Contractor's Safety, Health and Environmental Declaration (T2.17)	1
T2.18	Compulsory Enterprise Questionnaire (T2.18)	1
T2.19	Tax Compliance Status (TCS) PIN to verify on line Compliance Supplier Status via e-Filing (T2.19)	1
T2.20	Proof of Good Standing With the Compensation Commissioner (T2.20)	1
T2.21	Form of Offer and Acceptance (Bound into Section 1 of 4) (T2.21)	3
T2.21a	Confirm Receipt of Offer and Acceptance (T2.21a)	1
T2.22	Final Summary of Bill of Quantity (T2.22)	1
T2.23	Certified Proof of Paid Municipal Rates and Taxes (Attach) (T2.23)	1
T2.24	Proof of Unemployment Insurance Fund (2.24)	1
T2.25	The National Industrial Participation Programme (T2.25)	2
T2.26	Proof of Registration on the Central Supplier Database (CSD) (T2.26)	1
T2.27	Certified Proof of CIDB Registration Number (T2.27)	1
T2.28	Proof of Deposit (T.28)	1
T2.29	Contract Form - Purchase of Goods/Works - Part 1 (T2.29)	1
T2.30	Contract Form - Purchase of Goods/Works - Part 2 (T2.30)	1
T2.31	OHSE Plan Structure (T2.31)	1
T2.32	Client's specific requirements for the Contractor's detailed OHSE Plan (T2.32)	1
T2.33	Baseline Risk Assessment (T2.33)	1
T2.34	Mandatory Criteria (T2.34)	3

T2.35	Invitation to Tender - SBD 1 (T2.35)	2
T2.36	Proof of working capital of at least 2.5% (T2.36)	1
T2.37	Proof of minimum two (2) letters of credit reference from registered suppliers (T2.37)	1
T2.38	Detailed schedule of resources at all levels (T2.38)	1
T2.39	Schedule of years of experience by key personnel (T2.39)	1
T2.40	Schedule of projects of similar nature undertaken and successfully completed (T2.40)	1
T2.41	Letter of intent to provide an on demand construction guarantee to a value (T2.41)	1

SECTION 2 OF 4 **THE CONTRACT**

3. PART C1: AGREEMENT AND CONTRACT DATA

C1.1	Form of Offer and Acceptance	1
C1.2	Contract Data	8
C1.3	Form of Guarantee (C1.3)	3

4. PART C2: PRICING DATA

C2.1	Pricing Instructions	4
C2.2	Bills of Quantities	265

5. PART C3: SCOPE OF WORKS

C3.1	Scope of Works	8
C3.2	Specification for HIV/AIDS awareness	3
C3.3	HIV/STI Compliance report	2

6. PART C4: SITE INFORMATION

C4.1	Site Information	1
------	------------------	---

SECTION 3 OF 4 **DRAWINGS**

C5.1	List of Drawings	6
------	------------------	---

SECTION 4 OF 4

8. ANNEXURES

Annexure 1	Standard Preambles for all Trades (Rev 3) - DOH 2009	1 to 95
Annexure 2	General Electrical Specifications	E/1 to E/20
Annexure 3	Lightning Protection Specifications	LP/1 to LP/6
Annexure 4	Map of Bid submission location	1
Annexure 5	Joint Venture Agreement	1 to 7
Annexure 6	Occupational Health and Safety Specification (OHSE SPEC)	1 to 71
Annexure 7	Builders Lien Agreement	1
Annexure 8	Geotechnical Investigation Report	1 to 37
Annexure 9	EPWP Employment Contract	1 to 11
Annexure 10	Attendance Register - Infrastructure and Other projects	1
Annexure 11	EPWP Data Collection tool for Phase 3 system	1
Annexure 12	EPWP Monthly Payment Upload Form	1
Annexure 13	EPWP Training Capture Form	1
Annexure 14	EPWP Proof of Payment by Contractor Form	1
Annexure 15	EPWP Acknowledgement of Receipt of Payment	1
Annexure 16	EPWP Business Plan	1 to 2
Annexure 17	EPWP Project File Checklist	1
Annexure 18	EPWP Bill of Quantities	2
Annexure 19	Supplementary Preambles	SUP1 to SUP5
Annexure 20	Supplementary Preambles Electrical	SUP1-E1 to SUP1-E6
Annexure 21	Hot Water Installation - General	1.1-1 to 1.1-11
Annexure 22	Hot Water Generation Equipment	1.2-1 to 1.2-5
Annexure 23	Hot Water Reticulation Installation	1.3-1 to 1.3-9
Annexure 24	LP Gas Installation	P2S2-1 to 2-4
Annexure 25	Decanting Plan	1 to 10

IMPORTANT NOTICE TO TENDERERS

Any reference to words Tender or Tenderder 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 KZN Department of Public Works, 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 alternativeTenders 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"



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL:
COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND
UPGRADES TO EXISTING STAFF ACCOMMODATION**

THE CONTRACT



KWAZULU-NATAL PROVINCE
PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL:
COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND
UPGRADES TO EXISTING STAFF ACCOMMODATION**

C1 - AGREEMENT AND CONTRACT DATA



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL:
COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND
UPGRADES TO EXISTING STAFF ACCOMMODATION**

FORM OF OFFER AND ACCEPTANCE

FORM OF OFFER AND ACCEPTANCE

Tender No - ZNTU 04264 W



KWAZULU-NATAL PROVINCE
PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND UPGRADES TO EXISTING STAFF
ACCOMMODATION**

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.



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL:
COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND
UPGRADES TO EXISTING STAFF ACCOMMODATION**

C1.2 - CONTRACT DATA

C 1.2 CONTRACT DATA: with GCC for Construction Works - Second Edition 2010	
CONTRACT DATA FOR: NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND UPGRADES TO EXISTING STAFF ACCOMMODATION	
Tender no: ZNTU 04264 W	
The General Conditions of Contract are the clauses contained in the General Conditions of Contract (2010) (Second Edition) published by the South African Institution of Civil Engineering. Copies of these conditions of contract may be obtained through most regional offices of the South African Institution of Civil Engineering, telephone number 011 805 5947 or by visiting their website at www.saice.org.za.	
CONTRACT SPECIFIC DATA The following contract specific data are applicable to this contract:	
CONTRACT VARIABLES This schedule contains all variables specific to this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the 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 <u>not left blank</u>. 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: Public Works (KZN Department of Public Works: Province of KwaZulu-Natal) Postal address: Private Bag X 9041 PIETERMARITZBURG 3200 Tel: 033 - 8971399 Fax: 033 - 8971300
[1.2.1.2]	Physical address: 191 Prince Alfred Street PIETERMARITZBURG 3200
[1.1.1.16]	Employers Agent 1 Thubalethu Architects Agent's service: Architect Postal address: P.O. Box 100389 Scottville 3209 Tel: 033 342 3992 Fax: 086 216 6935
	Employers Agent 2 ProQS Vryheid Agent's service: Quantity Surveyor Postal address: P.O. Box 1546 Vryheid 3100 Tel: 034 - 983 2213 Fax: 034 - 983 2836
	Employers Agent 3 DLV Engineers Agent's service: Structural Engineering Postal address: 144 Mark Street Vryheid 3100 Tel: 034 - 980 7242 Fax: 034 - 983 2765
	Employers Agent 4 DLV Engineers Agent's service: Civil Engineering Postal address: 144 Mark Street Vryheid 3100 Tel: 034 - 980 7242 Fax: 034 - 983 2765

Tender no: ZNTU 04264 W	
Employers Agent 5 SSA Consulting Engineers Agent's service: Electrical Engineer Postal address: P.O. Box 11096 Dorpspruit, Pietermaritzburg 3206 Tel: 033 - 394 4244 Fax: 033 - 394 4814	
Employers Agent 6 Isimo Engineers Agent's service: Mechanical Engineer Postal address: P.O. Box 2484 Newcastle 2940 Tel: 034 - 312 5767 Fax: 034 - 312 9879	
PART 1: DATA PROVIDED BY THE EMPLOYER	
[1.1.1.13]	Defects Liability Period 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
Latent Defect Period	
[5.16.3]	The latent defect period is: 5 years after the Final Approval Certificate
Documentation required before Commencement of the Works:	
[5.3.1]	The documentation required before commencement with the Works execution are;
[4.3]	Health and Safety Plan 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.
[5.6]	Initial Programme The Contractor shall deliver his programme of work within 10 calendar days after notice from the Employer, prior to the Commencement Date.
[6.2]	Guarantee 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.
[8.6]	Insurance The Contractor shall deliver his insurance for the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.
	Cash flow by contractor The Contractor shall deliver his Cash flow for the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.
	Priced Bill of Quantity The Contractor shall deliver his Priced Bill of Quantity within 14 calendar days after notice from the Employer, prior to the Commencement Date.
	Programme 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
	Other requirements
[5.3.2]	The time to submit the documentation required before commencement with Works execution is: 14 calendar days

	Non-Working days	
[5.8.1]	Non-Working days	Sundays
	Special non- working days	All Nationally Recognized Public Holidays and the year end break
[5.8.1]	First Year end break - commences	15-Dec-24
	ends on	06-Jan-25
	Second Year end break - commences	15-Dec-25
	ends on	07-Jan-26
	Third Year end break - commences	13-Dec-26
	ends on	05-Jan-27
	Fourth Year end break - commences	12-Dec-27
	ends on	11-Jan-28
	Engineer/Principal Agent to consult with Employer	
[3.1.3]	The Engineer shall obtain the specific approval from the Employer before executing any of his functions according to the "Conditions under which Consultants are appointed", or in the event where an employee of the Employer represents the Employer, the relevant General Delegations applicable at the time of executing his/her duties.	
[6.2.1]	Security	
	The time to deliver the deed of guarantee is Prior to site hand over in terms of clause 5.3.1 and 5.3.2.	
[6.2.1]	Please see CONTRACT DATA - below to select Guarantee Option	
	Commencement Date	
	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.	
	The Agreement comes into effect on the date when; The tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any) The agreement ("this document") consists of; 1. Agreement and Conditions of Contract. 2. Form of Offer and Acceptance. 3. Contract Data. 4. Scope of Works. 5. Site Information. 6. Drawings & documents referred to in the 1 to 4 above. (See Form of Offer and Acceptance)	
[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 10 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 so :	
[6.10.6.2]	1) Interest rate legislation: (a) in respect of interest owed <u>by</u> 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 <u>to</u> 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 2) Lateral support insurance to be effected by the contractor: Yes ☒ No ☐ 3) Payment will be made for materials and goods Yes ☒ No ☐ 4) Dispute resolution by litigation Yes ☐ No ☒ 5) Extended defects liability period applicable to the following elements: Building work, Electrical, Mechanical and Civil	
[8.6.1.1.2]	The Value of material, supplied by the Employer, and not included in the Contract Price, is:	R0,00
[8.6.1.1.3]	The amount to cover Professional Fees, not included in the Contract Price, for repairing damage and loss to be included in the insurance: 30% of the Contract Price	
[8.6.1.3]	The limit for indemnity for liable insurance is:	Unlimited
[6.5.1.2.3]	The percentage allowance to cover overhead charges for contractor and subcontractors, is:	33,30%
[1.1.1.14]	Practical Completion Date	
	The Practical Completion date is: A time measured from the Commencement date.	
	For the works as a whole: The whole of the works shall be completed within:	
[5.5.1]	The date for practical completion shall be	18 Months (which shall be deemed to include all Non – Working Days, Special Non – Working Days and the year-end Builders Annual Industry Holiday Periods).
[5.13.1]	The penalty per calendar day shall be :	To be determined 0.04% of the Contract Price, rounded to the nearest R10

	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:
[5.13.1]	N/A
	0.04% of the Contract Price, rounded to the nearest R10
	Portion 2:
[5.5.1]	N/A
[5.13.1]	0.04% of the Contract Price, rounded to the nearest R10
	Portion 3:
[5.5.1]	N/A
[5.13.1]	0.04% of the Contract Price, rounded to the nearest R10
	Portion 4:
[5.5.1]	N/A
[5.13.1]	0.04% of the Contract Price, rounded to the nearest R10
	Portion 5:
[5.5.1]	N/A
[5.13.1]	0.04% of the Contract Price, rounded to the nearest R10
	Portion 6:
[5.5.1]	N/A
[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
[6.10.1.5]	The percentage advance on materials not yet built into the Permanent Works is: 80,00%
[6.10.3]	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
[6.8.1]	Notwithstanding anything to the contrary contained in the General conditions of Contract and Preliminaries, this contract could only, when the <u>construction period exceeds 6 months and the contract exceeds R1,000,000.00</u> , be subject to a Contract Price Adjustment Factor.
[6.8.2]	Clause 6.8.2 the last part of the sentence saying "calculated according to the formula and the conditions set out in the Contract Price Adjustment Schedule." must be replaced by "calculated according to the Contract Price Adjustment Provisions (CPAP) Indices Application Manual for use with P0151 indices (Revised 1 January 2013)" as published by Statistics South Africa. The Contract Price Adjustment Provision (CPAP) will be subject to the most recently released indices by Statistic South Africa. 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."
[6.8.2]	Where this contract is a Lump Sum contract, the contract will only be subject to Contract Price Adjustment Provisions (CPAP)(Revised 1 January 2013) where the contract period equals or exceeds 6 calendar months. The applicable work group shall be WG 180 for domestic buildings or WG 181 for commercial and industrial buildings only.
[5.14.5]	The following clause must be added to clause 5.14.5: [5.14.5.6] The employers agent shall submit the final account within 3 calendar months to the principal agent.
[10.5]	The determinations of disputes shall be by ARBITRATION ONLY.
[10.5.3]	The number of Adjudication Board Members to be appointed is: One
[10.9.1]	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."
	Where CPAP is applicable, the contract sum will be adjusted in accordance with the Contract Price Adjustment Provisions (CPAP) as set out in the CPAP Indices Application Manual as published by Statistics South Africa, dated 1 January 2013 and any amendments thereto: 1) Glass etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that work group unless specifically stated otherwise in the bills of quantities. 2) In case of uninterruptible power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems shall be adjusted in accordance with Work Group 170. 3) Further to clause 3.4.6 of the CPAP Indices Application Manual, the listing of additional items for exclusion by Tenderer's, will not be permitted. Alternative Indices: Not Applicable Details of changes made to the General Conditions of Contract for construction works (2010) Second Edition
[1.1]	Clause [1.1.1.5] COMMENCEMENT DATE – means the actual date of Site Hand over that should not occur prior to the Tenderer receiving one fully signed copy of the Offer and Acceptance in terms of the Form of Offer and Acceptance. [5.12.2.2] ABNORMAL CLIMATIC CONDITIONS - means conditions over and above what could reasonably be expected for the specific locality where the Works are being executed and include inter alia excessive rain, heat, cold, wind and any other climatic condition that would not normally be experienced during the season that the Works are executed in that area. The South African Weather Service's (http://www.weathersa.co.za) 10 year average climatic conditions statistics would be what could be reasonably expected for the specific locality where the Works are executed. [6.2.1] CONSTRUCTION GUARANTEE – means an on demand guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the Offer and Acceptance Form and the contract data. CONSTRUCTION PERIOD – means the period commencing on the commencement date and ending on the date of due completion date. This period will be deemed to commence on actual site hand over date to the contractor and end on the date of practical completion and shall include all annual industrial holiday periods, Sundays and public holidays. CORRUPT PRACTICE – means the offer, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. FINAL ACCOUNT - The document prepared by the principal agent, which reflects the contract value of the works at final approval or termination. FRAUDULENT PRACTICE – means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practise 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.

	INTEREST – the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be in terms of the legislation of the Republic of South Africa, and in particular: (a) in respect of interest owed by the employer, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and (b) in respect of interest owed to the employer, the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply
[1.1.1.16]	ENGINEER/PRINCIPAL AGENT – means the person or entity appointed by the Employer and named in the Contract Data as the Engineer /Principal Agent to act as agent of the Employer. In the event of an Engineer/Principal Agent not being appointed, then all the duties and obligations of an Engineer/Principal Agent as detailed in the Contract shall be fulfilled by a representative of the Employer as named in the Contract Data. (Hereafter referred to as Engineer)
[1.1.1.21]	GENERAL ITEMS - or preliminaries means items stipulated in the Pricing Data relating to general obligations, site services, facilities and/or items that cover elements of the cost of the work which are not considered as proportional to the quantities of the Permanent Works.
[4.4.1]	Add the following to the clause 4.4.1: "<i>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</i>"
[6.2.1]	Refer to Offer and Acceptance form for the various options that the contractor may choose from in providing a form of Guarantee under "GUARATEE OPTIONS".
[6.10.6.2]	Replace "<i>at the prime overdraft rate, as charged by the Contractor's Bank,</i>" with "<i>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).</i>" Omit "<i>on all overdue payments from the date on which the same should have been paid...</i>" and replace with "<i>only after 30 calendar days from receiving written notice from the Contractor that the amount is overdue...</i>"
[5.12.3]	SPECIAL CONDITIONS OF CONTRACT Omit clause 5.12.3 and add the following: "5.12.3. If an extension of time is granted, the Contractor shall be paid such additional time-related General Items, including for special non-working days, if applicable as are appropriate regarding to any other compensation which may already have been granted in respect of the circumstances concerned. The reasons for extension of time that would invoke payment of time related General Items are inter alia; 5.12.3.1 Failure to give possession of the site to the contractor. 5.12.3.2 Making good physical loss and repairing damage to the works where the contractor is not at risk. 5.12.3.3 Contract instructions not occasioned by default by the contractor. 5.12.3.4 Failure to issue construction information timeously or the late issue of a contract instruction following a request from the contractor. 5.12.3.5 Late acceptance by the principal agent of a design undertaken by a selected subcontractor where the contractor's obligations have been met. 5.12.3.6 Suspension or cancellation termination invoked by a nominated or selected n/s subcontractor due to default by the employer or the principal agent. 5.12.3.7 Insolvency of a nominated subcontractor. 5.12.3.8 A direct contractor. 5.12.3.9 Opening up and testing of work and materials and goods where such work is according to in accordance with the contract documents. 5.12.3.10 The execution of additional work for which the quantity included in the bills of quantities is not sufficiently accurate. 5.12.3.11 Late or failure to supply materials and goods for which the employer is responsible. 5.12.3.12 Suspension of the works."
[5.14.5.1]	Omit entire clause 5.14.5.1
[5.16.4]	Add the following new clause "5.16.4. Upon the issue of a Final Approval Certificate, unless otherwise provided in the Contract: 5.16.4.1. The performance Guarantee (if any) shall be returned within 14 days to the guarantor in terms of Clause 7."
[6.2.2]	Replace the following "...it shall be deemed that the Contractor has selected a security of ten percent retention of the value of the Works." with "...it shall be deemed that the Contractor has selected a security of a bank or insurance guarantee of 5% of the value of the Works and a payment reduction of 5% of the value certified in the payment certificate excluding value added tax."
[6.2.3]	Add to clause 6.2.3 the following "The Contractor shall provide proof of paid-up premium payments to accompany his payment certificate as proof that his performance guarantee has not expired yet. The Contractor will not receive payment without proof of the validity of their performance guarantee."
[9.3.2.2]	Omit "without prejudice to the exercise of any lien the Contractor may have acquired over the Employer's property." Duties and functions of the Engineer requiring the specific approval of the Employer BEFORE execution of any part of these duties are as follows: (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 Public Works, 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 10 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:
- The criteria to be used for WORK stoppages shall be for safety hazards or poor quality of work.
 - The Employer's site representative or the Employer's Principal Agent, if the site representative is not available shall be notified when the Contractor stops the work and intends to claim performance delays. The Employer representative shall inspect the situation together with the Contractor and give an immediate decision.
- The stoppage claimed must cause a delay in the Completion Date of work. If the critical activities can proceed and a non-critical activity is delayed due to inclement weather no claims for delay shall be granted.
 - No claims for stoppages less than 2(two) hours per day shall be considered.
 - Claims granted for more than 2 (two) hours, but less than 10 (ten) hour (lunch included) day, shall be added together and expressed as full days.
 - All claims shall be submitted in writing to the Principal Agent within one working day of the actual stoppage.
 - 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.
 - 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.
 - Where the programmed delays for inclement weather exceed the actual delays incurred the Completion Date(s) will not be adjusted.
 - Where the project includes builder's holidays the programmed durations for inclement weather shall be adjusted pro-rate to the actual Working Days.
 - 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	Hours
Programmed	Rain days	0	30	30	15	15	90
Actual	Rain days	16	22	35	15	18	106
Difference		-16	8	-5	0	-3	-16
Estimated Extension of time - in working days							2

8 hrs/day*

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

Tender no: ZNTU 04264 W Part 2: CONTRACT DATA PROVIDED BY THE CONTRACTOR:

POST-TENDER INFORMATION

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

1 CONTRACT DETAILS

[1.1.1.9] Contractor Name: _____

[1.2.1.2] Postal address: _____

Tel no _____ Fax no _____

Tax / VAT Registration No: _____ e-mail 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:

*Alternative A	Yes
**Alternative B	N/A

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

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

If the Contractor and the Engineer/Principal Agent can not agree, within 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

Sectional Completion : Subdivision of Preliminaries Costs

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

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

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

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.

or

YES ☐ yes / no

Alternative B

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

NO	yes / no
----	----------

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

2 DOCUMENTS

Contract documents marked and annexed hereto:

Priced Bills of Quantities:

Yes ☐No

Lump Sum document: :

Yes ☐No

--

Guarantee Options:

Not applicable

2.2 DESIGN BRIEF

Not applicable

YES or NO

2.3 DRAWINGS

YES or NO

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

10

YES or NO

2.4 DESIGN PROCEDURES

--	--

YES or NO

Not applicable

Contract drawings:

Yes No

Other documents:

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

YES

GUARANTEE OPTIONS	
The Tenderer 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 contact 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 Tenderer offers to provide security as indicated below: select one option	
(i) cash deposit of 10 % of the Contract Price	
(ii) bank or insurance Performance Guarantee of 10 % of the Contract Price	
(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)	
(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)	
NOTE: 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.	
3 SIGNATURES OF THE CONTRACTING PARTIES	
Thus done and signed at.....onof.....20.....	
Name of signatory	for and behalf of the Employer who by signature hereof warrants authorisation hereto.
Capacity of signatory	as Witness.
Thus done and signed at.....onof.....20.....	
Name of signatory	for and behalf of the Contractor who by signature hereof warrants authorisation hereto.
Capacity of signatory	as Witness.



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL:
COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND
UPGRADES TO EXISTING STAFF ACCOMMODATION**

C1.3 - FORM OF GUARANTEE

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

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

Sir,

ON DEMAND PERFORMANCE GUARANTEE

Tender Number ZNTU 04264 W

Project Code 066009

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

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means: _____

Physical Address: _____

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

"Contractor" means: _____

"Engineer" means: _____

"Works" means:

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE
DISTRICT HOSPITAL: COMPLETION CONTRACT (065794): NEW STAFF
ACCOMMODATION, RENOVATION AND UPGRADES TO EXISTING
STAFF ACCOMMODATION**

"Site" means: _____

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

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

Amount in Words:

"Guaranteed Sum" means: The maximum aggregate amount of: 10%
Of Contract Sum

Amount in Words: _____

"Expiry Date" means: _____

CONTRACT DETAILS

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

PERFORMANCE GUARANTEE

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

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

Signed at

Date

Guarantor's signatory (1)

Capacity

Guarantor's signatory (2)

Capacity

Witness signatory (1)

Witness signatory (2)



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND UPGRADES TO EXISTING
STAFF ACCOMMODATION**

PART C2 - PRICING DATA

C2.1 PRICING INSTRUCTIONS GCC FOR CONSTRUCTION WORKS (Second Edition 2010)			
Project title:	NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND UPGRADES TO EXISTING STAFF ACCOMMODATION		
Tender no:	ZNTU 04264 W	Project Code:	066009

C2.1 Pricing Instructions

	Where any item is not relevant to this specific contract, such item is marked N/A (signifying "not applicable") 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.
1	MASSES AND MEASURING UNITS These shall be in accordance with the Measuring Units and National Measuring Standards Act No. 76 of 1973 and amendments thereto. 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 : Public Works 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.
2	PRICES FOR VARIATIONS Where prices or quotations for variations are submitted by the Contractor during the currency of the Contract, it is to be clearly understood that these are for the purpose of consideration by the Head : Public Works and that there is no assumption of acceptance. The Contractor will be notified of acceptance of prices or quotations either by insertion of the amount on the variation order or by written intimation.
3	SCALE 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.
4	PROVISIONAL ITEMS All items described as "Provisional" shall be used as directed by the Employer and measured and valued or paid for. No work for which "Provisional" items are allowed shall be commenced without written instructions from the Head : Public Works.

5	TIMELY ORDERING OF MATERIALS
	The Contractor is warned to place all orders for materials or special articles as early as possible, as he will be held solely responsible for any delay in the delivery of such goods. Nevertheless this tender is conditional upon no liability being attached to the Contractor if delivery of materials is rendered impossible by reason of any act of the Government.
6	ELECTRICAL LIGHTING, POWER AND WATER
	The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Employer. The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed. 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.
7	IMPORT PERMITS, DUTIES AND SURCHARGES.
	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. 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. 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.
8	STANDARD SYSTEM OF MEASUREMENT WHERE BILLS OF QUANTITIES FORM PART OF THE TENDER DOCUMENTS
	The work executed under this Contract has been measured in accordance with the; Standard System of Measuring Builders Work (7th Edition) including all amendments unless descriptions of items indicate a deviation and it shall be understood that the system of measurement which is herein adopted is the only system of measurement which will be recognised in connection with this contract. Any contradictions to this system of measurement contained in the "Model Preambles for Trades 2008" shall be disregarded (unless same have been accommodated in the system of measurement) but applicable rates shall be included for all requirements stated and not measured separately in compliance with this system.
9	PRICING OF ROCK EXCAVATIONS
	It is a condition of this 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.

10	BROAD BASED BLACK ECONOMIC EMPOWERMENT 1. It is the deliberate policy of the Provincial Administration of KwaZulu-Natal to foster and to encourage the economic empowerment of Black South Africans. This policy will be implemented without prescription and without prejudicing the principles and the integrity of the Provincial Administration of KwaZulu-Natal. Subject to these constraints and also subject to good business practise and commercial consideration, it is therefore considered appropriate that the Provincial Administration of KwaZulu-Natal should encourage business relationships with companies which actively pursue Affirmative Action and Black Economic Empowerment Programmes. 2. In responding to this tender you are therefore encouraged to devote attention to these two subjects of Affirmative Action and Economic Empowerment. In addition, in considering the appointment of sub-contractors, you are requested to extend the spirit of these policies. 3. The foregoing enunciations of this policy are not intended to be prescriptive nor to preclude any individual or operation from responding to this tender.				
11	REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE 1. In terms of the Public Finance Management Act (PFMA), 1999 (Act No 1 of 1999) Section 38 (1) (a) (iii) and 51 (1) (iii) and Section 76 (4) of PFMA National Treasury developed a single platform, The Central Supplier Database (CSD) for the registration of prospective suppliers including the varification functionality of key supplier information. 2. Prospective suppliers will be able to self - register on the CSD website: www.csd.gov.za 3. Once the supplier information has been varified with external data sources by National Treasury a unique supplier number and security code will be allocated and communicated to the supplier. Suppliers will be required to keep their data updated regularly and should confirm at least once a year that their data is still current and updated. 4. Suppliers can provide their CSD supplier number and unique security code to organs of state to view their varified CSD information. 5. Tenderers are required to fill in clearly, legibly, in bold print and black ink their CSD supplier number in the space hereunder: <table border="1"> <tr> <td>Name of Supplier</td><td></td></tr> <tr> <td>Central Supplier Database (CSD) Supplier Number:</td><td></td></tr> </table>	Name of Supplier		Central Supplier Database (CSD) Supplier Number:	
Name of Supplier					
Central Supplier Database (CSD) Supplier Number:					
12	TAX CLEARANCE REQUIREMENTS It is a condition of tender that the taxes of the successful tenderer must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the Tenderder's tax obligations. It is a condition of this Offer of Commission that your practice remains in good standing with SARS (South African Revenue Services) in terms of its tax clearance, during the project, which is required to process your payment certificates. 1 In order to meet this requirement tenderers are required to apply via e-filing at any SARS branch office nationally. The Tax Compliance Status (TCS) requirements are also applicable to foreign Tenderders / individuals who wish to submit Tenders. 2 SARS will then furnish the Tenderder with a Tax Compliance Status (TCS) PIN that will be valid for a period of 1 (one) year from the date of approval. 3 In tenders where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN. 4 Application for Tax Compliance Status (TCS) PIN can be done via e-filing at any SARS branch office nationally or on the website www.sars.gov.za. 5 Tax Clearance Certificates may be printed via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.				

	6 Tax Clearance Certificates may be printed via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.				
	<table border="1"> <tr> <td>Security PIN Number</td> <td></td> </tr> <tr> <td>Company / Entity Tax Reference Number</td> <td></td> </tr> </table>	Security PIN Number		Company / Entity Tax Reference Number	
Security PIN Number					
Company / Entity Tax Reference Number					
13	BILLS OF QUANTITIES/LUMP SUM DOCUMENT 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.				
14	VALUE ADDED TAX 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.				
15	FIXED PRICE CONTRACT Should the Bills of Quantities/Lump Sum Document be a fixed price contract, the following clause must be inserted in the Pricing Instructions: 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.				



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND UPGRADES TO EXISTING
STAFF ACCOMMODATION**

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

NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND UPGRADES TO EXISTING STAFF ACCOMMODATION					
BILL NO. 1					
C2 .2 PRELIMINARY AND GENERAL					
	NOTES	UNIT	QUANTITY	RATE	AMOUNT
i)	The agreement is to be the General Conditions of Contract for Works of Civil Engineering Construction (2010) (Second Edition) , published by the S. A. Institution Of Civil Engineering.				
ii)	The Preliminaries are to be the Construction and management requirements for works contracts - Part 1: General engineering and construction works (SANS 1921-1: 2004 Edition 1) prepared by Standards South Africa and shall be deemed to be incorporated herein.				
iii)	Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary.				
iv)	Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading.				
v)	Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable").				
vi)	Adjustment of the preliminaries: each item priced, is to be allocated to one or more of the three categories, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount in proportion to time.				
vii)	Time (T) related Preliminaries will only be adjusted for omissions or additions, issued by the Employer, or delays caused by the Employer, for which variation and extension of time has been granted. See Contract Data .				
SECTION A: GENERAL CONDITIONS OF CONTRACT					
A1	General (clause 1) F:..... V:..... T:.....	Item			
A2	Basis of Contract (clause 2) F:..... V:..... T:.....	Item			
A3	Engineer (clause 3) F:..... V:..... T:.....	Item			
A4	Contractor's General Obligation (clause 4) F:..... V:..... T:.....	Item			
A5	Time and Related Matters (clause 5) - As referred to in the Contract Data under Special Condition of Contract. The Contract Period shall be deemed to include all Non – Working Days, Special Non – Working Days and the year-end Builders Annual Industry Holiday Periods. F:..... V:..... T:..... ☐	Item			
Carried forward to collection				R	

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

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

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

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

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

	SECTION E: SPECIFIC PRELIMINARIES	UNIT	QUANTITY	RATE	AMOUNT
E4	SITE INSTRUCTIONS 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. F:..... V:..... T:.....	Item			
E5	LABOUR RECORD 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. F:..... V:..... T:..... <i>Note: In the event that the contractor fails to satisfy the requirements of this specification, the Employer (Head: Public Works) may apply any of the sanctions provided 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>	Item			
E6	PLANT RECORD 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. F:..... V:..... T:.....	Item			
E7	NON CESSION OF MONIES The Contractor shall not cede nor assign his rights or claims to any monies due or to become due under this contract. F:..... V:..... T:.....	Item			
E8	SECTIONAL COMPLETION 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. F:..... V:..... T:.....	Item			
E9	LOCAL LABOUR 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. F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
E10	IMPORT PERMITS AND DUTIES 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. 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. F:..... V:..... T:.....	Item			
E11	CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP) 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> 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. F:..... V:..... T:.....	Item			
E12	EPWP CONDITIONS AND SPECIFICATIONS 12.1 EMPLOYMENT TARGETS <u>E12.1 a Employment Targets</u> 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. No of jobs to be created = [Contractor to fill in an estimated number] F:..... V:..... T:..... <u>E12.1 b Employment requirements</u> 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; 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. F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
	<u>E12.1 c Labour rate and payment intervals</u> 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. F:..... V:..... T:.....	Item			
	12.2 LABOUR INTENSIVE CONSTRUCTION METHOD <u>E12.2 a Labour Intensive Construction (LIC) method</u> 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 F:..... V:..... T:.....	Item			
	<u>E12.2 b Labour Intensive Construction Method</u> 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. 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)" F:..... V:..... T:.....	Item			
	E12.3 RECORD KEEPING 12.3.1 Every employer must keep in the project site office the following minutes of site progress minutes; contractors' monthly site progress reports; accurately recorded attendance register; proof of payment as means to verify authenticity of data in the EPWP Beneficiary form submitted with payment certificates. Copies of submitted EPWP beneficiary data forms should also be kept in the site office. F:..... V:..... T:.....	Item			
	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. This should be safely kept for job creation data verifications and periodical audits on projects conducted by National and Provincial Department of Public Works after one (1) or two (2) quarters of submitting captured EPWP Data to the National EPWP coordinating Department. F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

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

		UNIT	QUANTITY	RATE	AMOUNT
	E12.6 COMMUNITY LIAISON OFFICER (CLO) UTILISATION OF A COMMUNITY LIAISON OFFICER In addition to the requirements of Clause E9, contained in this document; The Contractor shall allow for and pay any and all costs necessary for the engagement of the services of a Community Liaison Officer (CLO) for the full duration of this contract 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. 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. Key Responsibilities of the CLO are envisaged to include and not necessary be limited to: 1. Assisting local leadership in conducting skills and resources audit which facilitates sourcing labour from within the ward or targeted areas for employment, as required by contractor. 2. Assisting in sourcing labour-only domestic sub-contractors and the procurement of materials from local resources, as required by the contractor. 3. Assisting the contractor by identifying areas of potential conflict and or threats to the project or to stakeholders in the project and recommend appropriate action to the contractor. 4. Assisting contractor and stakeholders in the project in the resolution of any conflict which may arise. 5. Establishing and ensuring that sufficient and open communication channels between the contractor and the work force are maintained. 6. Establish and ensuring that efficient and open communication channels between the contractor and the community are maintained 7. Identifying and reporting to the Contractor regarding issues where communication between stakeholder is necessary, recommend courses of action and facilitate such communications 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. 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. 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. Tenderers are to price twice the rate of unskilled local labour rate against this item for any and all costs arising out of compliance with the foregoing and in the event of a Tenderer failing to price against this item or making inadequate financial provision against this item for compliance as aforesaid, then no claim for costs or additional cost incurred will be entertained by the Head: Works F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
	E12.7 SKILLS DEVELOPMENT ON SITE Contractor in conforming to the object of EPWP that its beneficiaries need to be capacitated with skills that will render them employable in the future. It is then the responsibility of the Contractor that mandatory life skills are provided to 100% of workforce on site and on the job training to labourers from whom the potential for further development has been identified. The latter is not mandatory to all as it covers technical skills. 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. 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. F:..... V:..... T:..... E12.8 LABOUR ONLY Sub Contracting for local emerging enterprises Tenderer's are advised that this contract is subject to the Expanded Public Works Programme (EPWP) and the following criteria will apply: <u>African Equity Ownership</u> 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. b) The Priority Population Group consists of women, youth and disabled people. 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). 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. In so far as possible, the Contractor is encouraged to expand the PPG's skills, knowledge and performance levels. F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
	<u>TENDERER'S TO NOTE CONDITIONS</u> a) The contract to be entered into between the Contractor and the PPG's will be a LABOUR ONLY sub-contract. 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. 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. 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 e) The Contractor is to allow for extra storage facilities on site for the PPG's tools and equipment. 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. 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. <u>CO-ORDINATION</u> 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. F:..... V:..... T:..... <u>ATTENDANCE</u> 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. 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. 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. F:..... V:..... T:..... E12.9 EPWP CONTRACT FOR LABOUR 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. F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
	E12.10 EPWP SCOPE of WORK Note: Contractors are to price any item on the Bill of Quantities having below, bearing in mind that they are regarded as main sources of job creation, whether sub contracted or undertaken by the main contractor. 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; i) Excavating trenches for foundations and any other civil works with the depth not more than 1.5 m ii) All masonry works which include concrete mixing on site; brickwork; plastering; screed works; jointing; etc. iii) Painting, Plumbing, Ironmongery; roof cladding; glazing; tiling; carpentry; flooring; waterproofing; etc. F:..... V:..... T:..... Note: It is a general requirement of this contract that persons normally resident in the ward of the works (local labour) be given preference for employment on the contract. Provided, however, that should adequate and appropriate labour not be available within the ward, others may be employed subject to satisfactory proof being provided that every reasonable endeavour has been made to employ local labour (Local Sub-contractor(s); Skilled; Semi-Skilled and Unskilled). The contractor shall in consultation with the local community leaders with the purpose of negotiating with them regarding the utilization of local resources in the construction process. In this regard, the contractor shall furthermore give preference, wherever possible to the employment of single heads of households, women and youth as well as families declared as most indigent by War on Poverty/ Sukuma Sakhe program profiling process. The contractor should aim, in general, to maximise the involvement of the local community, however workers from other communities should not exceed 20% of all persons working on the project, where local employees possess skills at level of competency that meet contractors requirements. <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. <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. <u>Applicable labour laws</u> The current Ministerial Determination (also downloadable at www.epwp.gov.za) Expanded Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice , shall apply to works described in the scope of work as being labour-intensive and which are undertaken by unskilled or semi-skilled workers F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

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

		UNIT	QUANTITY	RATE	AMOUNT
E18	GENERAL PREAMBLES The Document Preambles will be the “ASAQS Model Preambles for Trades – 2008” and is obtainable from the various Regional Office’s of the Department of Public Works and shall be read in conjunction with the Bills of Quantities and be referred to for the full descriptions of work to be done and materials to be used. F:..... V:..... T:.....	Item			
E19	TRADE NAMES 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. F:..... V:..... T:.....	Item			
E20	EXISTING PREMISES OCCUPIED Refer to Scope of Works Part C3 of this Tender Document for information on the occupation of existing buildings. F:..... V:..... T:.....	Item			
E21	INACCURATE AND DEFECTIVE WORK EXECUTED UNDER PREVIOUS CONTRACT The contractor shall, after taking possession of the site and before commencing the work, check all levels, liners, profiles and the like and satisfy himself as to the dimensional accuracy of all work executed under the previous contract which may affect his work. 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. F:..... V:..... T:.....	Item			
E22	VIEWING THE SITE IN SECURITY AREAS If the site is situated in a security area and the Tenderder must arrange with the Authorities to obtain permission to enter the site for Tenderding purposes. F:..... V:..... T:.....	Item			
E23	COMMENCEMENT OF WORKS IN SECURITY AREAS If the works falls within a security area, the contractor must arrange with the Authorities and give the necessary notices before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account. F:..... V:..... T:.....	Item			
E24	ENTRANCE PERMITS TO SECURITY AREAS If the works fall within a security area, the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under control of the Authority. F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
E25	SECURITY CHECK OF PERSONNEL The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified. 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. F:..... V:..... T:.....	Item			
E26	PROHIBITION ON TAKING PHOTOGRAPHS In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking photographs, except when authorised thereto by or on behalf of the Minister. 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. F:..... V:..... T:.....	Item			
E27	Management of Water Water for Construction purposes must be obtained from alternative water sources (i.e. supply other than water that is produced and distributed by a regulated water service authority from a licenced water treatment works for human consumption), eg dams, rivers, boreholes, springs, rainwater harvesting, recycled sewerage water, etc. The alternative water source shall not be of an inferior quality / standard than that required for construction purposes. The client reserves the right through his agents to test such supplies or request certificates confirming the grade and nature of the water supply. Relevant knowledge of the respective area will be an advantage.				
E28	COVID 19 - Compliance with OSH Act 1993 (85 of 193) and Disaster Management Act 2002 Medical Screening of employees and visitors to site • The sanitization of work areas, transport for workers, facilities onsite • Record keeping of medical condition of all employees, subcontractors and visitors and report illnesses • Prevent overcrowding in workplaces • Onsite record keeping of medical condition of all employees and visitors • Development of COVID 19 - site management plan • Appoint a COVID 19 compliance officer • Introduce Access Control to and from site • Daily disinfection of all work surfaces, construction vehicles, portable working tools, and equipment prior to resuming work each day • Clean of all toilets, dining areas, site office, common areas, door handles and shared electronic equipment • Construction vehicles to be cleaned and sanitized after each shift • Provision of hand sanitizers, paper towels, soap and water onsite • Provision of PPE and two (2) masks per employee • Provision of ventilated sick room • Signage, education and training onsite F:..... V:..... T:.....	Item			
E29	Supervision by Clerk of Works Supervisor Allow for the appointment of a full time Clerk of Works to supervise / inspect the workmanship, monitor quality and safety of work on site, etc and reports back to Principal Agent and client for the duration of the contract 18 months x R60 000.00/month = R1 080 000.00 (Provisional) <u>NOT APPLICABLE</u> F:..... V:..... T:.....	Item	N/A	-	-
	Carried forward to collection			R	

SECTION 1			
SUMMARY – PRELIMINARY & GENERAL			
Collection	Page No.	Amount	
	1	R	
	2	R	
	3	R	
	4	R	
	5	R	
	6	R	
	7	R	
	8	R	
	9	R	
	10	R	
	11	R	
	12	R	
	13	R	
	14	R	
	15	R	
	16	R	
	17	R	
Carried forward to Final Summary		R	
Section No. 1 Preliminary & General Summary			



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL:
COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND
UPGRADES TO EXISTING STAFF ACCOMMODATION**

PART C2.3 BILL OF QUANTITIES

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 1</u>			
<u>ALTERATIONS (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 102 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Explosives</u>			
No explosives whatsoever may be used for demolition purposes unless otherwise stated			
<u>General</u>			
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			
Carried to Collection			R
Section No. 2			
Bill No. 1			
ALTERATIONS (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

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

Doors, fanlights, fittings, frames, linings, ironmongery, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehangng, 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)

Carried to Collection

R

Section No. 2
Bill No. 1
ALTERATIONS (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

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

Old materials from alterations, 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 alterations, 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 Regional Representative 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.

Dealing with hazardous materials

All hazardous materials, e.g. Asbestos, etc, must be removed and disposed off site by a specialist firm as per government regulations and environmental laws

Carried to Collection

R

Section No. 2

Bill No. 1

ALTERATIONS (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Labour Intensive

All items marked (LI) 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

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

- 1 Allow for decanting the staff of The Department of Health: KZN during the construction period (LI)
(See attached decanting plan)

Item

TEMPORARY BARRIERS, SCREENS, ETC

Temporary barriers, screens, etc including removal

- 2 Drywall barrier 1.80m high formed of timber studs and rails covered on one side with 0.5mm full hard corrugated single spelter Z275 galvanised sheet steel fixed to timber rails, including corners, ends, footings, breaking down and removing, etc. (LI)

m

200

DEMOLITIONS ETC

Demolishing and removing

- 3 Single storey ancillary L-shaped building, approximately 12000 girth x 2700mm on plan and 3000mm high from natural ground level to the top of the roof, comprising unreinforced concrete surface bed, 220mm brick external wall and corrugated iron roof covering on flat timber trusses (Block A7)

No

1

- 4 Single storey building with pitched roof, approximately 22000 x 9500mm on plan and 4100mm high from natural ground level to the top of the roof, comprising unreinforced concrete surface bed, 220mm brick on external walls, 110mm brick on internal walls and IBR roof covering on timber trusses

No

3

Carried to Collection

R

Section No. 2

Bill No. 1

ALTERATIONS (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

REMOVAL OF EXISTING WORK

Break down and remove brickwork etc

5	Concrete manhole complete	No	5
---	---------------------------	----	---

Break down and remove brickwork, concrete, etc

6	110mm Brick wall (LI)	m2	150
---	-----------------------	----	-----

7	220mm Brick wall (LI)	m2	35
---	-----------------------	----	----

**Take out and remove doors, windows, etc from
brickwork to be demolished**

8	Timber single door and steel frame not exceeding 2,5m ² (LI)	No	9
---	---	----	---

**Take out and remove doors, windows, etc including
thresholds, sills, etc and prepare opening to receive
new doors, frames, windows, etc. (all elsewhere
measured)**

9	Timber door and steel frame not exceeding 2.5m ² (LI)	No	151
---	--	----	-----

10	Glazed steel window not exceeding 2,5m ² (LI)	No	2
----	--	----	---

11	Timber double door and steel frame exceeding 2,5m ² and not exceeding 5m ² (LI)	No	1
----	--	----	---

12	Roller shutter door exceeding 2.5m ² not exceeding 5m ² (LI)	No	1
----	--	----	---

**Taking out and removing doors, windows, etc.
setting aside for re-use and later refixing in similar
new position**

13	Glazed Steel window 1511 x 654mm high overall from 220mm brick wall	No	1
----	--	----	---

Carried to Collection

R

Section No. 2

Bill No. 1

ALTERATIONS (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Taking out and removing doors, windows, etc including thresholds, sills, etc and building up openings in brick walls, including making good cement plaster on both sides (making good paintwork elsewhere)</u>				
14	Glazed Steel window 1511 x 949mm high from 220mm brick wall	No	5		
15	Timber single door and steel frame 813 x 2032mm high overall from 110mm brick wall	No	11		
16	Timber single door and steel frame 813 x 2032mm high overall from 220mm brick wall	No	6		
17	Roller shutter door 1500 x 2300mm high overall from 220mm brick wall	No	3		
	<u>Take out and remove sundry joinery work, fittings, etc</u>				
18	Timber floor cupboard 1530mm Long x 550mm deep x 900mm high (LI) - Block A5 & 6	No	2		
19	Timber floor cupboard 2000mm Long L-shape x 550mm deep x 900mm high (LI) - Block A2	No	1		
20	Timber floor cupboard 2036mm Long x 550mm deep x 900mm high (LI) - Block A4 & 25	No	2		
21	Timber floor cupboard 2440mm Long L-shape x 550mm deep x 900mm high (LI) - Block A10, 11 & 12	No	3		
22	Timber floor cupboard 2460mm Long x 550mm deep x 900mm high (LI) - Block A16	No	1		
23	Timber floor cupboard 3050mm Long L-shape x 550mm deep x 900mm high (LI) - Block A3 & 15	No	2		
24	Timber floor cupboard 3510mm Long L-shape x 550mm deep x 900mm high (LI) - Block A4 & 25	No	1		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 1				
	ALTERATIONS (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

25	Timber floor cupboard 5700mm Long U-shape x 550mm deep x 900mm high (LI) - Block A16	No	1
26	Timber floor cupboard 6180mm Long L-shape x 550mm deep x 900mm high (LI) - Block A2	No	1
27	Timber floor cupboard 6270mm Long L-shaped x 550mm deep x 900mm high (LI) - Block A3 & 15	No	2
28	Timber floor cupboard 6270mm Long U-shape x 550mm deep x 900mm high (LI) - Block A14	No	1
29	Timber floor cupboard 6300mm Long x 550mm deep x 900mm high (LI) - Block A24	No	1
30	Timber floor cupboard 6780mm Long U-shape x 550mm deep x 900mm high (LI) - Block A26	No	2
31	Timber floor cupboard 8000mm Long U-shape x 550mm deep x 900mm high (LI) - Block A7, 8 & 9	No	3
32	Timber skirting (LI)	m	1,775
<u>Taking up and removing wood block floor coverings, vinyl floor coverings, carpets, etc and preparing screeds for new floor coverings</u>			
33	Vinyl covering (LI)	m2	37
34	Wall-to-wall carpet floor covering (LI)	m2	48
<u>Hack up/off and remove granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>			
35	25mm Screed from floors (LI)	m2	103
36	Internal plaster from walls and columns (LI)	m2	1,316
37	External plaster from walls and columns (LI)	m2	483

Carried to Collection

R

Section No. 2

Bill No. 1

ALTERATIONS (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Hack up/off and remove ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u>				
38	Tiles to floors (LI)	m2	401		
39	Tiles to walls (LI)	m2	854		
	<u>Take out and remove ironmongery, etc</u>				
40	Toilet paper holder from wall (LI)	No	23		
41	Vertical blinds from wall not exceeding 2,5m ² (LI)	No	1		
	<u>Carefully take out and remove existing ironmongery, etc, and set aside for re-use</u>				
	Note: Contractor will be held responsible for any damage caused as result of mishandling loss, damage, etc and shall replace such at his own expense to the approval of the employer				
42	Locksets	No	151		
43	Pair of door handles	No	151		
44	Pair of hinges	No	151		
	<u>Take out and remove piping, gutters, etc, including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				
45	Metal eaves gutter and brackets (LI)	m	665		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 1				
	ALTERATIONS (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

46	Metal rainwater pipes and holder bats (LI)	m	390		
	<u>Take out and remove piping, sanitary fittings, etc including disconnecting piping from fittings (making good tiling and paintwork elsewhere)</u>				
47	Cast Iron piping not exceeding 50mm diameter (LI)	m	518		
48	Precast concrete wash trough (LI)	No	2		
49	Franke Sink, including short lengths of piping, etc (LI)	No	17		
50	Vitreous china wash hand basin, including short lengths of piping, etc (LI)	No	22		
51	Bolivia Bath, including short lengths of piping, etc (LI)	No	13		
52	Vitreous china WC pan with cistern, including short lengths of piping, etc (LI)	No	23		
53	Grub up and remove existing 110mm cellulose fibre pipe including excavations, backfilling, etc. complete (LI)	m	200		
	<u>Take out and remove glass and mirrors</u>				
54	Glass from steel windows including cleaning out rebates and preparing for new glass (new glass elsewhere measured) (LI)	m2	118		
Carried to Collection				R	
Section No. 2					
Bill No. 1					
ALTERATIONS (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Taking down and removing pitched roofs not exceeding 30° complete with ridge and hip capping, fittings, flashings, timber trusses, purlins, etc

Note: Contractors will be held responsible for all damage, however caused, to ceilings, finishes, etc, in all rooms where the existing roof coverings have been removed, created openings in walls, and he must make good all damage at his expense to the approval of the employer

55	Profiled or corrugated metal roof sheeting including timber purlins (LI)	m2	562
----	--	----	-----

56	Profiled or corrugated metal roof ridge or hip capping including timber purlins and prepare roof trusses to received new (elsewhere measured) (LI)	m	84
----	--	---	----

Take down and remove roofs, floors, panelling, ceilings, partitions, etc

57	Gypsum plasterboard ceilings, including timber bandering, cornices, etc (LI)	m2	471
----	--	----	-----

58	Fibre cement fascia and barge boards from roofs (LI)	m	976
----	--	---	-----

Carefully take out pavings, etc and set aside for re-use

59	60mm Thick paving (LI)	m2	50
----	------------------------	----	----

CUTTING THROUGH FLOORS AND CEILINGS

Cutting through and making good

60	100mm Thick unreinforced concrete surface bed for 800mm wide concrete wall footings and making good concrete on both sides of new 110mm brick walls (LI)	m	277
----	--	---	-----

Carried to Collection

R

Section No. 2

Bill No. 1

ALTERATIONS (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

61	100mm Thick unreinforced concrete surface bed for 800mm wide concrete wall footings and making good concrete on both sides of new one brick walls (LI)	m	78
62	Gypsum plasterboard ceilings and timber bandering for 110mm brick walls, including making good on both sides of walls (new cornices elsewhere) (LI)	m	260
63	Gypsum plasterboard ceilings and timber bandering for 220mm brick walls, including making good on both sides of wall (new cornices elsewhere) (LI)	m	17
<u>BUILDING UP OPENINGS</u>			
<u>Brickwork of NFP bricks in class II mortar, including brickforce, in building up</u>			
64	110mm brick walls to match existing (LI)	m2	20
65	220mm brick walls to match existing (LI)	m2	20
<u>Sundries</u>			
66	Cutting toothings and bonding new brickwork to existing (LI)	m2	36
<u>PREPARATORY WORK TO EXISTING SURFACES</u>			
<u>Hacking concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc</u>			
67	Hack face of existing grano floors to receive screeds (screeds elsewhere measured) (LI)	m2	163

Carried to Collection

R

Section No. 2
Bill No. 1
ALTERATIONS (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Prepare and allow for the cleaning of all roof spaces above ceilings, wooden trusses, etc. including the removal of all asbestos fibres, dust, hazardous materials, etc. in accordance with health and governmental regulations including disposal of hazardous materials at an approved dump site, as per regulations, etc

68	Block A14, approximately 76m ² on plan	Item
69	Block A4 & 25, approximately 148m ² on plan combined	Item
70	Block A26, approximately 158m ² on plan	Item
71	Block A7, 8 & 9, approximately 217m ² on plan combined	Item
72	Block A16, approximately 218m ² on plan	Item
73	Block A10, 11 & 12, approximately 219m ² on plan combined	Item
74	Block A2, approximately 223m ² on plan	Item
75	Block A24, approximately 243m ² on plan	Item
76	Block A5 & 6, approximately 252m ² on plan combined	Item
77	Block A3 & 15 , approximately 494m ² on plan combined	Item

MAKING GOOD OF FINISHES, ETC

Making good 30mm cement screeds

78	Floors in patches where 110mm brick was removed (LI)	m2	150
79	Floors in patches where 220mm brick walls removed (LI)	m2	16

Carried to Collection

R

Section No. 2

Bill No. 1

ALTERATIONS (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Making good internal cement plaster

80	Chase out plaster cracks minimum 500mm both sides to form recess 20mm wide and 30mm deep, and fill with 1:4 cement mortar, including floating up smooth to match existing (LI)	m	134
81	Chase out plaster cracks minimum 500mm both sides to form recess 30mm wide and 45mm deep, and fill with 1:4 cement mortar, including floating up smooth to match existing (LI)	m	145
82	Walls in patches where 110mm brick cross walls removed (LI)	m2	150
83	Walls in patches where 220mm brick cross walls removed (LI)	m2	35

Making good gypsum plasterboard ceilings and timber branderling

84	Ceilings where 110mm brick walls removed	m	150
85	Ceilings where 220mm brick walls removed	m	35
86	Ceiling in patches	m2	20

OPENINGS THROUGH EXISTING WALLS ETC

Altering opening

87	Altering opening in 220mm brick wall where 1500 x 2300mm high steel roller shutter door has been removed to form opening for new window size 1511 x 654mm high overall, including brick reinforced lintel over, forming quarry tile internal and external sill and making good plaster on both sides and into reveals	No	1
----	---	----	---

Carried to Collection

R

Section No. 2

Bill No. 1

ALTERATIONS (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

<u>Break out for and form opening through brick wall for door frame including precast or concrete lintels, closing cavities, making good plaster on both sides, into reveals (frame, doors and paint elsewhere measured)</u>					
88	Opening for door size 813mm x 2032mm high in 220mm brick wall (LI)	No	7		
89	Opening for door size 1600 x 2032mm high in 220mm brick wall (LI)	No	1		
<u>INSTALLATION OF ITEMS PREVIOUSLY SET ASIDE FOR RE-USE</u>					
<u>Install existing ironmongery, etc, previously set aside for re-use, including creating holes in doors, new screws, etc</u>					
90	Locksets	No	151		
91	Pair of door handles	No	151		
92	Pair of hinges	No	151		
<u>Relaying of previously set aside pavings, etc</u>					
93	Clean out and prepare paving set-aside for re-use, including making good and re-instate 220 x 108.5 x 60mm thick concrete paving laid to falls on 20mm thick sand layer with joints filled in with sand, complete (LI)	m2	50		
<u>SERVICE EXISTING EQUIPMENT, REPAIRS, ETC</u>					
<u>Service existing steel windows</u>					
94	Window type D2, overhaul, adjust and service to ensure proper operation (LI)	No	2		
Carried to Collection				R	
Section No. 2					
Bill No. 1					
ALTERATIONS (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

95	Window type D4, overhaul, adjust and service to ensure proper operation (LI)	No	7		
96	Window type D5, overhaul, adjust and service to ensure proper operation (LI)	No	14		
97	Window type D52FH, overhaul, adjust and service to ensure proper operation (LI)	No	2		
98	Window type D54H, overhaul, adjust and service to ensure proper operation (LI)	No	1		
99	Window type D7H, overhaul, adjust and service to ensure proper operation (LI)	No	4		
100	Window type E1, overhaul, adjust and service to ensure proper operation (LI)	No	2		
101	Window type NC2F overhaul, adjust and service to ensure proper operation (LI)	No	3		
102	Window type NC4F, overhaul, adjust and service to ensure proper operation (LI)	No	4		
103	Window type NC5F, overhaul, adjust and service to ensure proper operation (LI)	No	2		
104	Window type ND11F, overhaul, adjust and service to ensure proper operation (LI)	No	10		
105	Window type ND2, overhaul, adjust and service to ensure proper operation (LI)	No	1		
106	Window type ND45, overhaul, adjust and service to ensure proper operation (LI)	No	5		
107	Window type ND512, overhaul, adjust and service to ensure proper operation (LI)	No	7		
108	Window type ND52, overhaul, adjust and service to ensure proper operation (LI)	No	4		
Carried to Collection				R	
Section No. 2					
Bill No. 1					
ALTERATIONS (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

109	Window type ND54, overhaul, adjust and service to ensure proper operation (LI)	No	13		
110	Window type ND54F, overhaul, adjust and service to ensure proper operation (LI)	No	2		
111	Window type ND5F, overhaul, adjust and service to ensure proper operation (LI)	No	1		
112	Window type NE1, overhaul, adjust and service to ensure proper operation (LI)	No	8		
113	Window type NE2, overhaul, adjust and service to ensure proper operation (LI)	No	2		
114	Window type NE4, overhaul, adjust and service to ensure proper operation (LI)	No	8		
115	Window type NE7, overhaul, adjust and service to ensure proper operation (LI)	No	2		
116	Window type TD67, overhaul, adjust and service to ensure proper operation (LI)	No	6		
117	Window type ZNC1, overhaul, adjust and service to ensure proper operation (LI)	No	35		
118	Window type ZNC4, overhaul, adjust and service to ensure proper operation (LI)	No	3		
119	Window type ZND4, overhaul, adjust and service to ensure proper operation (LI)	No	2		
120	Window type ZND4F, overhaul, adjust and service to ensure proper operation (LI)	No	2		
121	Window type ZND511FS, overhaul, adjust and service to ensure proper operation (LI)	No	1		
122	Window type ZNE4, overhaul, adjust and service to ensure proper operation (LI)	No	5		
Carried to Collection				R	
Section No. 2					
Bill No. 1					
ALTERATIONS (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

123	Window size 3032 x 2490mm high forming L-shape, overhaul, adjust and service to ensure proper operation (LI)	No	3		
124	Window size 3511 x 2490mm high forming L-shape, overhaul, adjust and service to ensure proper operation (LI)	No	3		
125	Window size 2489 x 1854mm high forming L-shape, overhaul, adjust and service to ensure proper operation (LI)	No	2		
126	Extra on servicing existing steel window sash for supply and fitting new handle (LI)	No	50		
<u>Service existing timber doors</u>					
127	Examine existing single door size 813 x 2032mm high, refit loose items, replace missing items, repair, service and adjust to ensure proper working condition (LI)	No	3		
128	Examine existing double door size 1613 x 2032mm high, refit loose items, replace missing items, repair, service and adjust to ensure proper working condition (LI)	No	4		
<u>Service existing geysers</u>					
129	Service existing geyser including repair pipes, tray and leave in good conditions	No	16		
<u>Service existing sink</u>					
130	Service existing double concrete sink, unblock, repair pipes, leave in good conditions	No	5		
Carried to Collection				R	
Section No. 2					
Bill No. 1					
ALTERATIONS (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>Roofs, etc</u>				
131	Tighten, replace as necessary with "Leak King" roof screws, and seal all roof screws using minimum 75 x 75 "Sealoflex" waterproofing system to existing IBR roof sheeting (Measured on flat) and prepare for repainting (paint elsewhere measured)	m2	1,687	
<u>REMEDIAL WORK (Provisional)</u>				
<u>Allowances for remedial work to be carried out on work that might be visible after opening up old/existing work, etc</u>				
132	Allow the money provision of R100 000,00 (One Hundred Thousand Rand) for remedial work to be carried out as directed by the Principal Agent (Work to existing trusses where roof sheets only to be removed, work to existing floor where only floor finishes have to be removed/replaced, etc)	Item		100,000.00
Carried to Collection			R	
Section No. 2 Bill No. 1 ALTERATIONS (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024				

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Section No. 2		
Bill No. 1		
ALTERATIONS (PROVISIONAL)		
<u>COLLECTION</u>		
	Page No	Amount R
Total Brought Forward from Page No.	19	
Total Brought Forward from Page No.	20	
Total Brought Forward from Page No.	21	
Total Brought Forward from Page No.	22	
Total Brought Forward from Page No.	23	
Total Brought Forward from Page No.	24	
Total Brought Forward from Page No.	25	
Total Brought Forward from Page No.	26	
Total Brought Forward from Page No.	27	
Total Brought Forward from Page No.	28	
Total Brought Forward from Page No.	29	
Total Brought Forward from Page No.	30	
Total Brought Forward from Page No.	31	
Total Brought Forward from Page No.	32	
Total Brought Forward from Page No.	33	
Total Brought Forward from Page No.	34	
Total Brought Forward from Page No.	35	
Total Brought Forward from Page No.	36	
Carried Forward to Summary of Section No. 2		R
Section No. 2		
Bill No. 1		
ALTERATIONS (PROVISIONAL)		
ProQS		
Provisional BOQ - 1 August 2024		

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 2</u>			
<u>EARTHWORKS (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 104 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Nature of ground</u>			
A soils investigation has been carried out on site by the Engineers and the report is available for inspection at their offices			
Description of excavations shall be deemed to include all ground conditions classifiable as earth and where conditions of a more difficult character might be encountered, these are separately measured			
No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling			
Carried to Collection			R
Section No. 2			
Bill No. 2			
EARTHWORKS (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Carting away of excavated material

Description 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

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

Labour Intensive

All items marked (LI) 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	Bases (LI)	m3	1
2	Trenches (LI)	m3	25
<u>Extra over trench and hole excavations in earth for excavation in</u>			
3	Soft excavations	m3	3
4	Intermediate material	m3	3

Carried to Collection

R

Section No. 2

Bill No. 2

EARTHWORKS (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

5	Hard rock	m3	1		
6	Class A boulders	m3	1		
7	Class B boulders	m3	1		
	<u>Earth filling obtained from the excavations (not compacted)</u>				
8	In prescribed stock piles on site (LI)	m3	26		
	<u>Extra over all excavations for carting away</u>				
9	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor (LI)	m3	11		
	<u>Risk of collapse of excavations</u>				
10	Sides of trench and hole excavations not exceeding 1,5m deep	m2	49		
	<u>Keeping excavations free of water</u>				
11	Keeping excavations free of water other than subterranean water		Item		
	<u>FILLING, ETC</u>				
	<u>Filling obtained from the excavations and/or prescribed stock piles on site</u>				
12	Backfilling to trenches, holes, etc compacted to 95% Modified AASHTO density (LI)	m3	11		
13	Filling under floors, steps, pavings, etc compacted to 95% Modified AASHTO density (LI)	m3	3		
	Carried to Collection				
	Section No. 2			R	
	Bill No. 2				
	EARTHWORKS (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

<u>Approved filling of G5 material supplied by the contractor</u>					
14	Under floors, steps, pavings, etc compacted to 95% Modified AASHTO density (LI)	m3	3		
<u>Coarse river sand filling supplied by the contractor</u>					
15	Under floors etc (LI)	m3	1		
<u>Compaction of surfaces</u>					
16	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 95% Mod AASHTO density (LI)	m2	27		
17	Compaction of ground surface in trenches etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density (LI)	m2	23		
<u>Prescribed density tests on filling</u>					
18	"Modified AASHTO Density" test	No	50		
<u>SOIL POISONING</u>					
<u>Soil insecticide in accordance with SANS 5859</u>					
19	To bottoms and sides of trenches etc	m2	2,656		
20	Under floors, etc including forming and poisoning shallow furrows against foundation walls, etc, filling in furrows and ramming	m2	755		
Carried to Collection				R	
Section No. 2					
Bill No. 2					
EARTHWORKS (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

INSPECTIONS, SERVICES AND REPAIRS OF EXISTING

21	Allow the budgetary allowance of R100 000.00 (One Hundred Thousand Rand only net) for remedial work to earthworks carried out under previous contract as directed, confirmed by and utilized at the sole discretion of the Principal Agent
----	--

Item

100,000.00

Carried to Collection

R

Section No. 2
Bill No. 2
EARTHWORKS (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 3</u>			
<u>CONCRETE, FORMWORK AND REINFORCEMENT (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 110 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Cost of tests</u>			
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			
Carried to Collection			R
Section No. 2			
Bill No. 3			
CONCRETE, FORMWORK AND REINFORCEMENT (PR			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

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 (LI) 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

WAFFLE RAFT® FOUNDATION SYSTEM
(PATENT NO. 1988/0864)

The rate must include for design of waffle slab, all materials and labour, complete

- 1
- Allow for reinforced concrete waffle raft for two plant rooms (Approximately 2 x 15m², with 120 x 1000mm reinforced concrete ribs at 1500mm centres and 100mm thick ground slab) by specialist contractor complete including excavations, backfilling, compaction, soil poisoning, waterproofing, concrete reinforcing, formwork, etc.

Item

Carried to Collection

R

Section No. 2
Bill No. 3
CONCRETE, FORMWORK AND REINFORCEMENT (PR
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

2	Allow for reinforced concrete waffle raft for double story block A28 - Upper Level (Approximately 302m ² , with 120 x 1000mm reinforced concrete ribs at 1500mm centres and 100mm thick ground slab) by specialist contractor complete including excavations, backfilling, compaction, soil poisoning, waterproofing, concrete reinforcing, formwork, etc.		Item		
	<u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>				
	<u>10MPa/13mm concrete</u>				
3	Surface blinding under footings and bases (LI)	m3	0.4		
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>				
	<u>25MPa/19mm concrete</u>				
4	Strip footings, bases, etc (Provisional) (LI)	m3	19		
5	Surface beds on waterproofing (LI)	m3	3		
	<u>REINFORCED CONCRETE CAST ON/IN FORMWORK</u>				
	<u>30MPa/19mm concrete</u>				
6	Rectangular columns in foundations (Provisional) (LI)	m3	1		
7	Rectangular columns (LI)	m3	1		
8	Slabs including beams and inverted beams (LI)	m3	7		
	<u>35MPa/19mm concrete</u>				
9	Slabs including beams and inverted beams (LI)	m3	39		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 3				
	CONCRETE, FORMWORK AND REINFORCEMENT (PR				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

10	Rib and Block slab (LI)	m3	93		
11	Stiffener ribs (LI)	m3	7		
12	Stairs including landings, beams and inverted beams (LI)	m3	5		
<u>CONCRETE TESTING</u>					
13	Allow for all necessary concrete test tube cubes size 150 x 150 x 150mm, two sets per truckload, cast from batches of concrete required for the entire contract as specified, made, stored, cured and tested in accordance with SABS Methods 861 and 863, including use of approved cube moulds, transporting to an approved testing laboratory for testing, paying all charges and submitting reports to the Representative/ Agent	No	120		
<u>CONCRETE SUNDRIES</u>					
<u>Finishing top surfaces of concrete smooth with a wood float</u>					
14	Surface beds, slabs, etc	m2	27		
<u>30MPa non-shrink grout</u>					
15	Bedding approximately 30mm thick under 180 x 250mm base plate (Provisional)	No	4		
<u>RIB AND BLOCKS, ETC</u>					
<u>Spacing tiles to soffits of slabs</u>					
	Ribs 150mm wide, type L07 in lengths exceeding 5m and not exceeding 7.5m long reinforced with four no.16mm diameter mild steel wires with both ends cast into concrete (LI)	m	534		
Carried to Collection				R	
Section No. 2					
Bill No. 3					
CONCRETE, FORMWORK AND REINFORCEMENT (PR					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	Hollow blocks in slabs				
16	510 x 230 x 165mm high Block type (S205) laid 610mm apart in both directions (LI)	No	1,872		
	<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>				
	<u>Rough formwork to soffits</u>				
17	Stairs with sloping soffits	m ²	27		
	<u>Rough formwork to sides</u>				
18	Rectangular columns in foundations	m ²	6		
19	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m	86		
	<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II) (CPAP Work Group No. 111)</u>				
	<u>Smooth formwork to sides</u>				
20	Inverted beams above concrete slab propped up exceeding 1.5m and not exceeding 3.5m high	m ²	10		
21	Beams propped up exceeding 1.5m and not exceeding 3.5m high	m ²	74		
22	Rectangular columns with total height not exceeding 3.5m above bearing level	m ²	19		
23	Edges, risers and reveals not exceeding 300mm high	m	437		
	<u>Smooth formwork to soffits</u>				
24	Stiffener ribs propped up exceeding 1.5m and not exceeding 3.5m high	m ²	28		
	<u>TEMPORARY FORMWORK</u>				
	Carried to Collection			R	
	Section No. 2 Bill No. 3 CONCRETE, FORMWORK AND REINFORCEMENT (PR ProQS Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Formwork to soffits</u>				
25	Rib and Block slabs propped up exceeding 1,5m, and not exceeding 3.5m high	m2	437		
	<u>MOVEMENT JOINTS ETC</u>				
	<u>Two layers of 375 micron damp proof course in slip joints between horizontal concrete and brick surfaces including cement mortar</u>				
26	Joints not exceeding 300mm wide (Provisional)	m	432		
	<u>Expansion joints with bitumen impregnated soft board between vertical concrete surfaces</u>				
27	10mm joint not exceeding 300mm wide (Provisional)	m	262		
	<u>Saw cut joints</u>				
28	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)	m	230		
	<u>REINFORCEMENT (PROVISIONAL) (CPAP Work Group No. 114)</u>				
	<u>Mild steel reinforcement to structural concrete work</u>				
29	12mm Diameter bars	t	5.83		
	<u>High tensile steel reinforcement to structural concrete work</u>				
30	16mm Diameter bars	t	5.83		
	<u>Fabric reinforcement</u>				
31	Type 193 fabric reinforcement in concrete surface beds etc	m2	465		

Carried to Collection

R

Section No. 2
Bill No. 3
CONCRETE, FORMWORK AND REINFORCEMENT (PR
ProQS
Provisional BOQ - 1 August 2024

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>INSPECTIONS, SERVICES AND REPAIRS OF EXISTING</u>				
32	Allow the budgetary allowance of R150 000.00 (One Hundred and Fifty Thousand Rand only net) for remedial work to concrete work carried out under previous contract as directed, confirmed by and utilized at the sole discretion of the Principal Agent	Item		150,000.00
Carried to Collection			R	
Section No. 2 Bill No. 3 CONCRETE, FORMWORK AND REINFORCEMENT (PR ProQS Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 4</u>			
<u>PRECAST CONCRETE (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 112 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Sizes</u>			
Blocks, sills, etc measured linear shall be made in suitable lengths. Large size setting out drawings shall be prepared where necessary and submitted to the architect for approval before moulds are made			
<u>Labour Intensive</u>			
All items marked (LI) 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.			
<u>PRECAST CONCRETE</u>			
Carried to Collection			R
Section No. 2			
Bill No. 4			
PRECAST CONCRETE (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

	<u>Winblok modular precast concrete window surrounds, etc, finished smooth on exposed surfaces including bedding, jointing and pointing</u>				
1	250 x 250 x 230mm Winbloks in 230mm wall	No	574		
	<u>"LP Green" precast concrete finished smooth on exposed surfaces including bedding, jointing and pointing</u>				
2	Type CCB2 coping 300 x 100 x 60mm thick overall, laid on 10mm Class 2 mortar	m	30		
Carried to Collection					R
Section No. 2					
Bill No. 4					
PRECAST CONCRETE (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 5</u>			
<u>MASONRY (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 116 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Sizes in descriptions</u>			
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
<u>Cement mortar</u>			
Unless otherwise described, all brickwork shall be built in 1:5 cement mortar			
<u>Hollow walls etc</u>			
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.			
Carried to Collection			R
Section No. 2			
Bill No. 5			
MASONRY (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>Face bricks</u> Bricks shall be ordered timeously to obtain uniformity in size and colour <u>Pointing</u> Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc <u>Samples, etc</u> Rates for brickwork, faced brickwork, etc shall include for all required samples <u>Labour Intensive</u> All items marked (LI) 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 <u>BRICKWORK</u> <u>FOUNDATIONS (PROVISIONAL)</u> <u>Brickwork of NFP bricks (14 MPa nominal compressive strength) in Class 2 mortar in stretcher bond</u>							
1	220mm brick walls (LI)	m2	24				
<u>SUPERSTRUCTURE</u> <u>Brickwork of NFP bricks (14 MPa nominal compressive strength) in Class 2 mortar in stretcher bond</u>							
2	110mm brick walls (LI)	m2	554				
Carried to Collection						R	
Section No. 2 Bill No. 5 MASONRY (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024							

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

3	110mm brick walls in beamfilling (LI)	m2	147
4	220mm brick walls (LI)	m2	1,607
<u>BRICKWORK SUNDRIES</u>			
<u>Brickwork reinforcement</u>			
5	75mm Wide reinforcement built in horizontally	m	936
6	150mm Wide reinforcement built in horizontally	m	2,239
<u>Joint forming material in movement joints</u>			
7	10mm Bitumen impregnated fibre board, built in vertical between brick skins (Provisional)	m2	355
<u>"Fabcon" or equivalent prestressed fabricated lintels</u>			
8	100 x 70mm Lintels in lengths not exceeding 3m	m	152
<u>Turning pieces</u>			
9	220mm Wide turning piece to lintels etc	m	152
<u>Galvanised wire ties, etc</u>			
10	30 x 1.6mm Galvanised hoop iron roof tie 1200mm girth built into brickwork and fixed to timber trusses	No	100
<u>Mild steel dowel bars</u>			
11	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	225

Carried to Collection

R

Section No. 2
Bill No. 5
MASONRY (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>High tensile steel dowel bars</u>				
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	367		
	<u>FACE BRICKWORK</u>				
	<u>Face bricks to be "Corobrik Midrand FBX", in colour "Roan Imperial" in stretcher bond, pointed with recessed horizontal and vertical joints</u>				
13	Extra over brickwork for face brickwork in foundations (Provisional) (LI)	m2	24		
14	Extra over brickwork for face brickwork (LI)	m2	1,136		
	<u>Brick-on-edge header course copings, sills, etc of "Corobrik Midrand FBX" face bricks, in colour "Roan Imperial", pointed with recessed joints on all exposed faces</u>				
15	220mm Wide sills set sloping and slightly projecting pointed on face	m	63		
16	220mm Wide lintel pointed on face and 220mm soffit	m	115		
17	220mm Copings on top of one brick walls	m	73		
	<u>NUTEC-CEMENT/FIBRE-CEMENT WINDOW SILLS</u>				
	<u>Natural grey sills in single lengths bedded in class I mortar including metal fixing lugs etc</u>				
18	15 x 220mm Wide sills set sloping and slightly projecting (provisional)	m	63		
19	15 x 150mm Wide sills set flat projecting (provisional)	m	125		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 5				
	MASONRY (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 6</u>			
<u>WATERPROOFING (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 120 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Waterproofing</u>			
Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs			
<u>Labour Intensive</u>			
All items marked (LI) 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			
<u>DAMP PROOFING OF WALLS AND FLOORS</u>			
Carried to Collection			R
Section No. 2			
Bill No. 6			
WATERPROOFING (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

<u>One layer of 375 micron embossed black "Gundle API AT" damp proof course (complying with SABS 952-1: 2011) in</u>					
1	Walls (LI)	m2	534		
<u>One layer of 250 micron "Gundle API AT USB" green damp proof membrane (complying with SABS 952-1:2011) sealed at laps with "Gunplass" pressure sensitive tape</u>					
2	Under surface beds (LI)	m2	27		
<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>					
3	On walls	m2	110		
<u>JOINT SEALANTS, ETC.</u>					
<u>Two layers, three "Plymalthoid" joint sealing</u>					
4	10mm In joints between concrete and walls	m	432		
<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>					
5	10 x 10mm In vertical expansion joints	m	355		
<u>"abe Duracol G" with "Epidermix 326" or equivalent two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>					
6	10 x 25mm In expansion joints in floors including raking out expansion joint filler as necessary.	m	262		
Carried to Collection				R	
Section No. 2					
Bill No. 6					
WATERPROOFING (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 7</u>			
<u>ROOF COVERINGS (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 124 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Labour Intensive</u>			
All items marked (LI) 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			
<u>PROFILED METAL SHEETING AND ACCESSORIES</u>			
Carried to Collection			R
Section No. 2			
Bill No. 7			
ROOF COVERINGS (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Safintra 0,5mm "AZ150 Zincal Widedek" or equivalent profiled sheeting with "COLORPLUS" or equivalent finish on one side and protective primer coating on reverse side, fixed to timber purlins (purlins elsewhere measured) at 1200mm centres, with 12 x 85mm "Fixtite" or "Safintra" approved hex head self-drilling fasteners in accordance with the manufactures specifications</u>				
1	Roof covering with pitches not exceeding 25 degrees	m2	1,304		
2	Ridge capping 462mm girth, three times bent along girth	m	40		
3	Hip capping 462mm girth, three times bent along girth	m	96		
4	Headwall flashing 462mm girth, two times bent along girth	m	80		
5	Barge flashing 462mm girth, two times bent along girth	m	70		
6	Narrow and broad flute closers	m	238		
	<u>Safintra 0,5mm "AZ150 Zincal Widedek" or equivalent profiled sheeting with "COLORPLUS" or equivalent finish on one side and protective primer coating on reverse side, fixed to steel purlins (purlins elsewhere measured) at 1200mm centres, with 12 x 85mm "Fixtite" or "Safintra" approved hex head self-drilling fasteners in accordance with the manufactures specifications</u>				
7	Roof covering with pitches not exceeding 25 degrees	m2	62		
8	Apex flashings 450mm girth	m	5		
9	Drip flashing 300mm girth	m	5		
10	Narrow and broad flute closers	m	5		
Carried to Collection				R	
Section No. 2					
Bill No. 7					
ROOF COVERINGS (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Safintra 0,5mm "AZ150 Zincal Widedek" or equivalent profiled sheeting with "COLORPLUS" or equivalent finish on one side and protective primer coating on reverse side, fixed to steel purlins at max 1000mm centres using self drilling "Hex Flange" head screws, all in accordance with manufacturer's recommendations (purlins elsewhere measured)</u>		
11	Side cladding	m2	69
	<u>0,58mm "GRS IBR 686" or similar approved Z275 ISQ 550 heavy industrial galvanized profiled sheet steel, fixed to timber purlins at max 1000mm centres using self drilling "Hex Flange" head screws, all in accordance with manufacturer's recommendations (purlins elsewhere measured)</u>		
12	Roof covering with pitches not exceeding 25 degrees (LI)	m2	562
13	Ridge capping 462mm girth, three times bent along girth	m	57
14	Hip capping 462mm girth, three times bent along girth	m	27
15	Valley gutter 616mm girth, four times bent along girth	m	11
16	Narrow and broad flute closers	m	168
	<u>Sundries</u>		
17	"Sondor Performance Foams" expanded polyethylene polyclosures	m	406

ROOF INSULATION

Carried to Collection

R

Section No. 2
Bill No. 7
ROOF COVERINGS (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

	<u>"Lambdaboard" or equivalent laminated ployisocyanurate core board with minimum of 34kg/mN, thickness of 50mm, faced with white mineral laminated on both sides in widths of 1220mm over purlin truss installation to be fixed in strict accordance to MiTek design details (PCS-PSA)</u>				
18	50mm Thick insulation faced and laminated on both sides fixed above purlins in conjunction with roof covering (elsewhere measured)	m2	1,204		
Carried to Collection					R
Section No. 2 Bill No. 7 ROOF COVERINGS (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024					

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 8</u>			
<u>CARPENTRY AND JOINERY (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 126 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Particle board</u>			
Particle board shall comply with the following specifications:			
a) SABS 1300 Particle board: exterior and flooring type			
b) SABS 1301 Particle board: interior type			
<u>Joinery</u>			
Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc			
Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes			
Carried to Collection			R
Section No. 2			
Bill No. 8			
CARPENTRY & JOINERY (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Fixing

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:

- a. "Bolted on" shall mean fixed with bolts, the bolts and the holes elsewhere measured
- 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
- 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

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 (LI) 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

ROOFS ETC

PLATE NAILED TIMBER ROOF TRUSS
CONSTRUCTION ETC

Carried to Collection

Section No. 2
Bill No. 8
CARPENTRY & JOINERY (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

R

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>Plate nailed timber roof truss construction</u>				
1	Allow for the issuing of all relevant roof truss design certificates (TR1 and TR2) as per SANS 0243: THE DESIGN, MANUFACTURE AND ERECTION OF TIMBER TRUSSES	Item		
<u>Plate nailed timber roof truss construction</u>				
	(a) Roof truss spacing must not exceed 1200mm centres and must be constructed with pitch not less than 15°			
	(b) Roof trusses to be designed and constructed with softwood structural timber to include for live loads, wind loads and to take profiled metal sheeting roof covering, purlins and fibre cement or gypsum plasterboard ceilings with bracing. Each roof truss shall have all its members accurately cut and close butted together and rigidly fixed by CSIR approved patented galvanized metal spiked connectors, fixed on both sides of each intersection by an approved method, all in accordance with the manufacturer's instructions			
	(c) Unless otherwise described all rafter feet are to extend 710mm beyond the length of the tie beam, with ends twice splay cut			
	(d) The tenderer's attention is drawn to the fact that the detail drawings included at the back of these Bills of Quantities are the required design of the roof structure. It will still be the contractors duty to see that the overall size and bearing points of the trusses meet with the architectural drawings and the completed wall structure. The manufacture and transportation of the roof trusses bracing etc. shall be in accordance with SABS 0243 and under control of a registered engineer. It shall be required from the manufacturer of the trusses to lodge a written guarantee that his construction has been constructed according to the plans and that he is in possession of a capability certificate issued by the Institute for Timber Construction and			
Carried to Collection			R	
Section No. 2 Bill No. 8 CARPENTRY & JOINERY (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024				

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

approved by the Representative/Agent/Engineer				
(e) If the contractor's supplier decided on an alternative design, the design manufacture and transportation of the roof trusses, bracing, etc. shall be in accordance with SABS 0243 and under the control of a registered Engineer. It shall be required from the manufacturer of the trusses to lodge a written guarantee that his construction has been designed by a qualified Structural Engineer and that he is in possession of a capability certificate issued by the Institute for Timer Construction and approved by the Representative/ Agent/Engineer. The manufacturers must supply a complete set of A I drawings with the necessary structural and erection details on the drawings and must submit it to the representative/Agent/Engineer before the Contractor start with any work related to the roof structure. After approval of the drawings by the Representative/Agent/Engineer, the Contractor may order the material and continue with the work on the roof structure. An approved set of A I drawings on drawing film must be handed to the Representative/Agent/Engineer to be included in his set of "as build" drawings after completion of the contract (f) Erection must be carried out as described in "The Erection and Bracing of Timber Roof Trusses" published by the Truss Plate Association of South Africa Ltd. and the National Timber Research Institute, CSIR. Apply the alternative fastening methods in the above mentioned documents as follows: Use galvanized wire, bound twice at each connection to tie the purlins where the roof is covered with ceiling board. Use Hurricane clips at each connection where the roof is in the open (g) Description of roof trusses shall be deemed to include for design, manufacture, supply, hoisting and fixing in position, trimming ends, notching, etc, and for any temporary bracing (h) Dimensions in descriptions of trusses are				
Carried to Collection				
Section No. 2				
Bill No. 8				
CARPENTRY & JOINERY (PROVISIONAL)				
ProQS				
Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

nominal and actual measurements are to be obtained from the architect/engineer and/or taken on site before design or fabrication commences			
Rates for complete roof truss construction shall include bracings, purlins, splay cut ends, mitres, jointing, wrought and shaped ends, connections, bolts, cleats, gussets and timber connectors, hip- or valley sets and fixing in position			
<u>Block A28</u>			
Complete roof construction to hipped roof two blocks, each 16810 x 16810mm overall on plan x 3182mm high overall with 1800mm eaves projection on both sides, including trusses, permanent bracing and 50 x 75mm purlins at 1348mm centres for roof covering (Approximately 451m² - Block A28)	Item		
Complete roof construction to double pitched roof, 10530 x 4390mm overall on plan x 1677mm high overall with 650mm eaves projection on both sides, including trusses, permanent bracing and 50 x 75mm purlins at 1348mm centres for roof covering (Approximately 47m² - Block A28)	Item		
<u>Block A29</u>			
Complete roof construction to hipped roof two blocks, each 16810 x 16810mm overall on plan x 3182mm high overall with 1800mm eaves projection on both sides, including trusses, permanent bracing and 50 x 75mm purlins at 1348mm centres for roof covering (Approximately 451m² - Block A29)	Item		
Complete roof construction to double pitched roof, 10530 x 4390mm overall on plan x 1677mm high overall with 650mm eaves projection on both sides, including trusses, permanent bracing and 50 x 75mm purlins at 1348mm centres for roof covering (Approximately 47m² - Block A29)	Item		
<u>STRUCTURAL TIMBERWORK ETC</u>			
Carried to Collection			
Section No. 2 Bill No. 8 CARPENTRY & JOINERY (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024		R	

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Wrought softwood</u>		
6	76 x 50mm Fascia fixing batten	m	519
	<u>Sawn softwood</u>		
7	50 x 76mm Purlins	m	787
8	38 x 114mm Wall plates	m	95
9	50 x 300mm Gangboards	m	512
	<u>Sundries</u>		
10	Two coats ABE PROVONITE on exposed timbers	m2	378
	<u>EAVES, VERGES, ETC</u>		
	<u>"Everite Nutec" or equivalent medium density plain ungrooved fascia boards, twice screwed with 12 x 40mm countersunk brass screws at 900mm centres to support battens with aluminium H-profile fascia joiner between boards and aluminium H-profile fascia corner joiners at board ends (battens elsewhere measured)</u>		
11	7.5 x 225mm Wendy planks	m2	97
12	12 x 225mm Fascia and barge boards	m	1,199
13	2400 x 1200 x 12mm Weatherboard	m	30
	<u>DOORS ETC</u>		
	<u>Supawood hollow core flush doors, hung to existing steel frames</u>		
14	40mm Thick heavy duty flush panel single leaf door, size 813 x 2032mm high overall	No	113

Carried to Collection

R

Section No. 2

Bill No. 8

CARPENTRY & JOINERY (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Supawood semi-solid flush doors, hung to new steel frames (frames elsewhere measured)</u>			
15	40mm Recessed tongue and groove panel door 813 x 2032mm high overall	No	8	
16	40mm Thick heavy duty flush panel single leaf door, size 813 x 2032mm high overall	No	120	
17	40mm Thick heavy section rebated stable door with panes, size 1500 x 2032mm high with glazing beads. sand down timber surface to a fine smooth finish for painting prior to installation	No	8	
	<u>"Swartland Cape Culture" or equivalent SD30 horizontal slatted hardwood door, hung to steel frames (frames elsewhere measured)</u>			
18	40mm Two panel door 813 x 2032mm high with 114mm wide top rail, middle rail and stiles, 114mm wide bottom rail and heavy bolecion moulds	No	38	
19	40mm Double door, size 1500 x 2125mm high, each leaf fitted with 93 x 278mm high factory glazed aluminium framed opening fitted with aluminium glazing beads on both sides (glass elsewhere measured) with and including 500 x 2125mm high sidelight fixed to brickwork on both sides	No	2	
	<u>FRAMES, RAILS, SKIRTINGS, ETC</u>			
	<u>Wrought meranti</u>			
20	76 X114mm Rebated frame for 1500 x 2125mm high door	No	2	
	<u>"Swartland" or equal standard hardwood skirting</u>			
21	19 x 90mm Skirting of even colour, fixed to walls	m	2,080	
	<u>DUCT COVERS</u>			
	Carried to Collection			R
	Section No. 2 Bill No. 8 CARPENTRY & JOINERY (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

<u>Fibre-cement high density plain flat sheets</u>			
22	10mm Duct cover 1000 x 150mm high fixed with two chromium plated dome headed screws in cup washers along edges	No	660

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Section No. 2			
Bill No. 8			
CARPENTRY & JOINERY (PROVISIONAL)			
<u>COLLECTION</u>			
	Page No		Amount R
Total Brought Forward from Page No.	70		
Total Brought Forward from Page No.	71		
Total Brought Forward from Page No.	72		
Total Brought Forward from Page No.	73		
Total Brought Forward from Page No.	74		
Total Brought Forward from Page No.	75		
Total Brought Forward from Page No.	76		
Total Brought Forward from Page No.	77		
Carried Forward to Summary of Section No. 2		R	
Section No. 2			
Bill No. 8			
CARPENTRY & JOINERY (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 9</u>			
<u>JOINERY FITTINGS (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 126 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works			
<u>Joinery</u>			
Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc			
Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes			
<u>Fixing</u>			
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:			
a. "Bolted on" shall mean fixed with bolts, the bolts and the holes elsewhere measured			
Carried to Collection			R
Section No. 2			
Bill No. 9			
JOINERY FITTINGS, ETC (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

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

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

Pre-treatment of timber

All permanent timber to be treated against wood destroying agencies in accordance with SANS Code of Practice 05

WORKTOPS AND DESKTOPS

"Eezi Quartz" worktop or equally approved, in colour 'Beach' to architects specifications, with square line profile along one edge

1	20mm Thick worktop, 600mm wide with one side post formed including cleaning tops with an approved stone sealer complete	m	35
2	20mm Thick vanity top, 650mm wide with one side post formed including cleaning tops with an approved stone sealer complete	m	44
3	Extra over for cutting out an opening, approximately 450 x 450mm, through 20mm thick quartz worktops for sinks (sink elsewhere measured)	No	23

Carried to Collection

R

Section No. 2
Bill No. 9
JOINERY FITTINGS, ETC (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

<u>Laminated Hardwood</u>				
4	32mm Thick laminated hardwood timber desktop, size 1255mm long x 600mm wide with and including wall bearers, side boards, etc. complete as per detail	No	48	
<u>Hardwood</u>				
5	16 x 44mm Bearer with PVC edging, plugged to wall	m	36	
<u>UNDER WORKTOP AND DESKTOP CUPBOARD AND DRAWER UNITS</u>				
<u>General</u>				
The following cupboard fittings have been given as complete units i.e. the components of the units have not been given separately. Descriptions of such units shall, therefore, be deemed to include all components, assembling, housing, notching, glueing, blocking, planting-on and screwing with countersunk screws, edge strips, thermosetting plastic laminate, glass, ironmongery, metalwork, paint or varnish finishes, etc (worktops elsewhere measured) The units shall be made of V313 or similar approved water resistant boards Rates for the following items must include for all ironmongery, paint, varnish, and all necessary filler pieces against wall etc				
Carried to Collection				
Section No. 2 Bill No. 9 JOINERY FITTINGS, ETC (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024				

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>References</u>				
References given in descriptions refer to the respective types of fittings detailed on the architect's drawings accompanying these bills of quantities for tender purposes				
Unless otherwise described the fittings must be constructed out of the following "PG Bison" materials and standards:				
Unless otherwise specified, carcass construction of furniture components to be from:				
Surface: Melawood Melamine Faced Board (MFB) in Black Cherry natural touch SANS 1763:1998				
Substrate: Bisonbord V313 Moisture Resistant Particleboard SANS EN 312:1997				
Backer: BisonLam Melamine Faced Board (MFB) SANS 1763:1998				
Finish in minimum 2mm PVC edging				
<u>Block A2</u>				
6	Wall cupboards 2320mm Girth x 300mm wide x 750mm high forming L-shape, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail A-K-01 to A-K-04 (17-020-501 A2)	No	1	
7	Wall cupboards 6320mm girth x 300mm wide x 750mm high forming U-shape, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail MH-K-01 to MH-K-04 (17-020-501 A2)	No	1	
8	4000mm Girth x 900mm high x 550mm deep L-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail A-K-01 to A-K-04 (17-020-501 A2)	No	1	
Carried to Collection				R
Section No. 2				
Bill No. 9				
JOINERY FITTINGS, ETC (PROVISIONAL)				
ProQS				
Provisional BOQ - 1 August 2024				

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

9	9000mm Girth x 900mm high x 550mm deep U-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail MH-K-01 to MH-K-04 (17-020-501 A2)	No	1		
<u>Block A3 & 15</u>					
10	Wall cupboards 2900mm Girth x 300mm wide x 750mm high forming L-shape with and including two corner units, top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail A-K-01 to A-K-04 (17-020-501 A3 & A15)	No	2		
11	Wall cupboards 5080mm Girth x 300mm wide x 750mm high forming L-shape with and including two corner units, top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail MH-K-01 to MH-K-04 (17-020-501 A3 & A15)	No	2		
12	3380mm Girth x 900mm high x 550mm deep U-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail A-K-01 to A-K-04 (17-020-501 A3 & 15)	No	2		
13	6870mm Girth x 900mm high x 550mm deep U-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail MH-K-01 to MH-K-04 (17-020-501 A3 & 15)	No	2		
Carried to Collection				R	
Section No. 2					
Bill No. 9					
JOINERY FITTINGS, ETC (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Block A4 & 25

- 14 Wall cupboards 2090mm Girth x 300mm wide x 750mm high forming L-shape with and including two corner units, top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail K-01 to K-04 (17-020-501 A4 & A25)

No

1

- 15 2036mm Girth x 900mm high x 550mm deep under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail 17-020-501 A4 & 25

No

2

- 16 3510mm Girth x 900mm high x 550mm deep U-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail K-01 to K-04 (17-020-501 A4 & 25)

No

1

Block A5 & 6

- 17 Wall cupboards 1530mm Girth x 300mm wide x 750mm high with and including top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail MH-K-01 to MH-K-04 (17-020-201 A5 & 6)

No

2

- 18 1530mm Girth x 900mm high x 550mm deep under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail MH-K-01 to MH-K-04 (17-020-201 A5 & 6)

No

2

Carried to Collection

R

Section No. 2

Bill No. 9

JOINERY FITTINGS, ETC (PROVISIONAL)

ProQS**Provisional BOQ - 1 August 2024**

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

<u>Block A7 to 9</u>				
19	Wall cupboards 4060mm girth x 300mm wide x 750mm high forming U-shape, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail K-01 to K-04 (17-020-201 A7 to A9)	No	3	
20	8000mm Girth x 900mm high x 550mm deep U-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail K-01 to K-04 (17-020-201 A7 to A9)	No	3	
<u>Block A10 to 12</u>				
21	2440mm Girth x 900mm high x 550mm deep L-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail K-01 to K-04 (17-020-201-A10 to 17-020-201 A12)	No	3	
<u>Block A14</u>				
22	Wall cupboards 3270mm Girth x 300mm wide x 750mm high forming L-shape with and including two corner units, top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail K-01 to K-04 (17-020-501-A14)	No	1	
23	6270mm Girth x 900mm high x 550mm deep U-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail K-01 to K-04 (17-020-201-A14)	No	1	
Carried to Collection				R
Section No. 2				
Bill No. 9				
JOINERY FITTINGS, ETC (PROVISIONAL)				
ProQS				
Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Block A16</u>				
24	Wall cupboards 850mm Girth x 300mm wide x 750mm high with and including top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail A-K-01 to A-K-04 (17-020-501-A16)	No	1		
25	Wall cupboards 3220mm Girth x 300mm wide x 750mm high forming L-shape with and including two corner units, top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail MH-K-01 to MH-K-04 (17-020-501-A16)	No	1		
26	2460mm Girth x 900mm high x 550mm deep forming L-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail A-K-01 to A-K-04 (17-020-501-A16)	No	1		
27	5700mm Girth x 900mm high x 550mm deep U-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail MH-K-01 to MH-K-04 (17-020-501-A16)	No	1		
	<u>Block A24</u>				
28	Wall cupboards 2728mm Girth x 300mm wide x 750mm high with and including top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail A-K-01 to A-K-04 (17-020-201-A24)	No	1		
Carried to Collection					R
Section No. 2					
Bill No. 9					
JOINERY FITTINGS, ETC (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

29	Wall cupboards 4040mm Girth x 300mm wide x 750mm high forming L-shape with and including top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail A-K-01 to A-K-04 (17-020-201-A24)	No	1		
30	6300mm Girth x 900mm high x 550mm deep forming L-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail K-01 to K-04 (17-020-201-A24)	No	2		
<u>Block A26</u>					
31	Wall cupboards 3000mm Girth x 300mm wide x 750mm high with and including top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail K-01 to K-04 (17-020-201-A26)	No	1		
32	6780mm Girth x 900mm high x 550mm deep U-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail K-01 to K-04 (17-020-201-A26)	No	1		
<u>New Ground Floor</u>					
33	Wall cupboards 5470mm Girth x 300mm wide x 750mm high forming L-shape with and including two corner units, top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail 17-020-802 A28 & A29	No	4		
34	Built-in-cupboard size 1800mm long x 600mm wide x 2700mm high with top, sides, bottom, division, top division, four (4) shelves and one (1) double hinged door, etc refer to drawing 17-020-801-A28 & A29	No	24		
Carried to Collection				R	
Section No. 2 Bill No. 9 JOINERY FITTINGS, ETC (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

35	6306mm Girth x 900mm high x 550mm deep U-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail (17-020-802 A28 & A29)	No	4		
<u>New First Floor</u>					
36	Wall cupboards 5470mm Girth x 300mm wide x 750mm high forming L-shape with and including two corner units, top, sides, back, bottom, drawers, shelves, divisions, doors, ironmongery, all necessary framework, etc, complete as per detail 17-020-802 A28 & A29	No	4		
37	Built-in-cupboard size 1800mm long x 600mm wide x 2700mm high with top, sides, bottom, division, top division, four (4) shelves and one (1) double hinged door, etc refer to drawing 17-020-801-A28 & A29	No	24		
38	6306mm Girth x 900mm high x 550mm deep U-shape under worktop/sink floor cupboard, including two corner units, drawers, shelves, doors, ironmongery, etc, complete as per detail 17-020-80- A28 & A29	No	4		
<u>JOINERY SUNDRIES</u>					
<u>Wrought softwood</u>					
39	50mm Diameter mopstick handrails fixed to steel (steel elsewhere measured)	m	196		
Carried to Collection				R	
Section No. 2 Bill No. 9 JOINERY FITTINGS, ETC (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 10</u>			
<u>CEILINGS, PARTITIONS AND ACCESS FLOORING (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 129 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Proprietary suspended ceilings</u>			
Hangers, suspension grids, "lay-in" panels, etc are to be in accordance with the manufacturers' recommendations			
<u>Flush plastered gypsum plasterboard suspended bulkheads</u>			
Descriptions shall be deemed to include any additional studs at ends and intersections, corner beads, cornices at junctions with ceilings, jointing compound, tape, etc			
Carried to Collection			R
Section No. 2			
Bill No. 10			
CEILING, PARTITIONS & ACCESS FLOORING (PROV			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Fixing

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:

- a. "Bolted on" shall mean fixed with bolts, the bolts and the holes elsewhere measured
- 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
- 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 (LI) 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

INSULATION, ETC

Carried to Collection

Section No. 2
Bill No. 10
CEILINGS, PARTITIONS & ACCESS FLOORING (PROV
ProQS
Provisional BOQ - 1 August 2024

R

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>"Brits" or equivalent insulation</u>				
1	Isotherm 75mm thick polyester thermal insulation (density 10kg/m3) laid over ceiling branderings closely fitted between rafters	m2	2,928		
	<u>NAILED UP CEILINGS</u>				
	<u>12mm "Pelican Systems JUMBO" or similar approved plasterboard flush plastered ceiling system, fixed at right angles using 25mm "JUMBO" drywall screws at 150mm centres to "JUMBO" grid system comprising main tees at 600mm centres and cross tees at 500mm centres at right angles to main tees. Main tees suspended at 1200mm centres by means of 25 x 25 x 0,6mm galvanised steel angle. All joints to be taped using 50mm "JUMBO" tape and plastered with and including "JUMBO" jointing skimming plaster and prepared for decoration, all in accordance with the manufacturer's instructions</u>				
2	Ceilings fixed to 38 x 38mm battens	m2	1,279		
3	Extra over ceiling for 650 x 650mm trap door	No	4		
	<u>"JUMBO" or equivalent cornices, perimeter trims, etc</u>				
4	25 x 25mm Galvanised steel angle cornice plugged to wall	m	1,439		
	<u>SUSPENDED CEILINGS</u>				
	<u>1200 x 600 x 12mm "Econotile" Vinyl Clad foil backed Shell white ceiling tiles, laid in Econogrid pre-painted 38mm exposed steel tee suspension system, including all necessary hangers, grids and hold down clips, etc all in accordance to manufactures recommendations and SABISA</u>				
5	Ceilings suspended not exceeding 1m below concrete slab	m2	728		
6	Shadowline cornice	m	995		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 10				
	CEILINGS, PARTITIONS & ACCESS FLOORING (PROV				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 11</u>			
<u>FLOOR COVERINGS, PLASTIC LININGS, ETC (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 130 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Preparation for vinyl sheeting/tiles</u>			
(a) All foreign matter to be removed from the floor surface by scrapping or rubbing down the area with carborundum			
(b) Screeds to be level and even with all high points ground down			
<u>Fixing</u>			
Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc			
Carried to Collection			R
Section No. 2			
Bill No. 11			
FLOOR COVERINGS, WALL LININGS, ETC (PROVISIO			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>General</u>			
Carpeting shall be laid in strict accordance with SABS 0186-1990			
<u>Labour Intensive</u>			
All items marked (LI) 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			
<u>FLOOR COVERINGS</u>			
<u>230 x 1220 x 2.5mm "FloorworX Earthworks" or equivalent in Weathered Oak finish or similar approved Tempo Luxury vinyl planks, fixed with "FloorworX No.62" acrylic adhesive spread with trowel fitted with an A-notched blade at a rate of between 5.5m² and 6.5m² per litre on screed (screed elsewhere measured) in accordance with SANS 10070, using Floorworx self leveller when required, rolled with 68kg three section metal roller</u>			
1	On screeded floors (LI)	m2	1,682
<u>POLISH, SEALERS, ETC</u>			
<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 similar approved metalised floor sealer and finish with two coats of "Gloria Forte" or similar approved metalised floor dressing</u>			
2	To vinyl floor finishes (LI)	m2	1,682
Carried to Collection			R
Section No. 2 Bill No. 11 FLOOR COVERINGS, WALL LININGS, ETC (PROVISIO ProQS Provisional BOQ - 1 August 2024			

WIMS NO. 066009

ZNTU 04264 W

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 12</u>			
<u>IRONMONGERY (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 132 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Finishes to ironmongery</u>			
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			
<u>Fixing</u>			
Unless otherwise described all ironmongery shall be deemed to be fixed to timber, complete with and including matching screws:			
a. "Bolted on" shall mean fixed with bolts			
Carried to Collection			R
Section No. 2			
Bill No. 12			
IRONMONGERY (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

b. "Plugged" shall mean fixed with matching screws to and including hardwood plugs set in brickwork, blockwork or concrete

Labour Intensive

All items marked (LI) 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	JH-BB-STD-2-SS Stainless steel ball bearing hinges	No	312
2	AL8208-180AS/MD Aluminium flush bolts	No	20
3	150mm "101/150" Heavy duty barrel bolt with keep fixed to metal surface	No	8
4	SS5305-73SS Stainless steel escutcheon	No	24
5	"8852SC" Dust proof keep including mortice in floor	No	10

LOCKS, ETC

"Assa Abloy" or equivalent

6	L-2215-78SS/SL Oval euro 2x18 knob cylinder mortice lockset with and including stainless steel lever handle on rose 6239-05SS	No	24
7	6251-06SS/L-2215-78SS/2x6SCMKD Oval euro 2x18 knob cylinder mortice lockset with and including 2x shock absorbers	No	8
8	6251-06SS/L-2215-78SS/2x6SCMKD Oval euro 2x18 knob cylinder mortice lockset with and including stainless steel lever handle on rose 6239-05SS	No	96

Carried to Collection

R

Section No. 2

Bill No. 12

IRONMONGERY (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

9	6251-06SS/L-2215-78SS Oval euro knob cylinder mortice lockset with and including 29155C stainless steel rebate set	No	10		
	<u>DOOR CLOSERS</u>				
	<u>"Assa Abloy" or equivalent</u>				
10	DC200 Cam Action door closure	No	8		
	<u>PUSH PLATES AND KICKING PLATES</u>				
	<u>Manufactured by "Union" or equivalent</u>				
11	3mm Thick aluminium kick plate size 813 x 250mm high, fixed flush to timber door with epoxy and screws	No	8		
12	3mm Thick aluminium kick plate size 1620 x 250mm high, fixed flush to timber door with epoxy and screws	No	10		
	<u>LETTERS, NAMEPLATES, ETC</u>				
	<u>3mm Thick Perspex signs</u>				
13	50mm High x 50mm wide x 3mm Thick perspex plate with 50mm high engraved and painted letters or numerals	No	160		
14	300 x 150mm High double sided photo luminescent escape route and fire signage, size 300 x 150mm high, in SABS 1186 certified ABS plastic, with natural anodized aluminium frame hung from ceiling with stainless steel cables	No	8		
15	150/250mm High laser-cut brushed stainless steel letters	No	8		
16	300mm High laser-cut brushed stainless steel letter or numeral	No	8		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 12				
	IRONMONGERY (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>"Vista System" or equivalent (Provisional)</u>				
17	Type V200 4XV120, Landscape directory frames size, 910 x 680mm high (maximum 80% coverage in total)	No	4		
18	Type V200 4XV120, anodised aluminium plate with fire exit, fire extinguisher, fire hose reel and fire hydrants symbol	No	17		
	<u>SUNDRIES</u>				
	<u>"Assa Abloy" or equivalent</u>				
19	8025SS Stainless steel hat, coat and robe hook	No	24		
20	87001SS Stainless steel door stop	No	146		
	<u>PELMETS AND CURTAIN TRACKS</u>				
	<u>"Rod and Single track" Mahogany curtain rods, face fixed to walls (code:493518)</u>				
21	Window size 600 x 900mm high	No	24		
22	Window size 1500 x 1200mm high	No	24		
23	Window size 1540 x 980mm high	No	8		
24	Window type D2, size 1022 x 1245mm high	No	2		
25	Window type D4, size 1511 x 1240mm high	No	7		
26	Window type D5, size 533 x 949mm high	No	14		
27	Window type D52FH, size 1022 x 1145mm high	No	2		
28	Window type D54H, size 1022 x 1145mm high	No	1		
29	Window type D7H, size 1022 x 645mm high	No	4		
30	Window type E1, size 533 x 645mm high	No	2		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 12				
	IRONMONGERY (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

31	Window type NC2F, size 1022 x 945mm high	No	3	
32	Window type NC4F, size 1511 x 949mm high	No	4	
33	Window type NC5F, 533 x 949mm high	No	2	
34	Window type ND11F, size 2000 x 1245mm high	No	10	
35	Window type ND2, size 1022 x 645mm high	No	1	
36	Window type ND45, size 1511 x 1245mm high	No	5	
37	Window type ND512, size 2489 x 1854mm high	No	7	
38	Window type ND52, size 1022 x 949mm high	No	4	
39	Window type ND54, size 1511 x 1145mm high	No	13	
40	Window type ND5F, size 305 x 949mm high	No	1	
41	Window type ND54F, size 1511 x 1540mm high	No	2	
42	Window type NE1, size 533 x 949mm high	No	8	
43	Window type NE2, size 1022 x 654mm high	No	2	
44	Window type NE4, 1511 x 654mm high	No	8	
45	Window type NE7, size 1022 x 654mm high	No	2	
46	Window type TD67, size 1022 x 654mm high	No	6	
47	Window type ZNC1, size 533 x 645mm high	No	35	
48	Window type ZNC4, size 1511 x 949mm high	No	3	
49	Window type ZND4,size 1511 x 1245mm high	No	2	
50	Window type ZND4F, size 1873 x 1145mm high	No	2	
51	Window type ZND511FS,size 2483 x 2050mm high	No	1	
Carried to Collection				
Section No. 2 Bill No. 12 IRONMONGERY (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

52	Window type ZNE4, size 1873 x 654mm high	No	5
53	Window size 2489 x 1854mm high forming L-shape	No	2
54	Window size 3032 x 2490mm high forming L-shape	No	3
55	Window size 3511 x 2490mm high forming L-shape	No	3

BATHROOM FITTINGS

"Grohe" or equivalent

56	GRO-G (code 40421001) Polished stainless steel single towel rail, size 600 x 55mm deep, plugged and screwed to the wall with stainless steel screws	No	41
57	GRO-G (code 40421001) Stainless steel wall mounted dogleg side grab rail	No	41

"Franke" or equivalent

58	Medius soap dish (Code MEDX007HP, 2120186)	No	50
59	Medius toilet roll holder (Code MEDX111HP, 2120191)	No	30
60	Straight grab rail (Code CNTX450, #2510003)	No	9
61	Cistern back rail (Code CNTXBR, #2510014)	No	30
62	Paraplegic grab rail (Code CNTXPAR, #2510012)	No	30
63	Shower seat (Code CNTX400A, #2120104)	No	41
64	Medius single towel rail(Code MEDX001HP, #2120179), size 600 x 85 x 54mm	No	9
65	BS 609 (code 359824) Stainless steel waste container, with stainless steel finish, fixed to walls	No	54

Carried to Collection

R

Section No. 2
Bill No. 12
IRONMONGERY (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 13</u>			
<u>STRUCTURAL STEELWORK (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 134 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the employer or the employer's agent			
<u>Descriptions</u>			
Descriptions of bolts shall be deemed to include nuts and washers			
Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete			
Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
Carried to Collection			R
Section No. 2			
Bill No. 13			
STRUCTURAL STEELWORK (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Structural steelwork shall be cleaned and prepared by wire brushing in accordance with SANS 10064 and all surfaces shall be primed as specified to a minimum dry film thickness of 30 micrometres before leaving the workshop. Upon delivery to the site and again after erection all bared surfaces shall be made good with similar primer

Labour Intensive

All items marked (LI) 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

STEEL COLUMNS AND BEAMS

Welded columns in single lengths with flat base, cap, bearer and connection plates, bolted to concrete or brickwork

- 1230 x 133 x 25mm H-section (UB) columns, each with and including 180 x 250 x 10mm base plate four times holed for bolts and 6mm thick 230 x 133 x 25mm H-section (UB) columns, each with and including 180 x 250 x 10mm base plate four times holed for bolts and 6mm thick conflat welds, 170 x 220 x 10mm end plate four times holed for M16 bolts (bolts and plates elsewhere measured)welds, 170 x 220 x 10mm end plate four times holed for M16 bolts (bolts and plates elsewhere measured)

t0.31

- 2230 x 133 x 25mm H-section (UB) rafter, each with and including 170 x 220 x 10mm end plate four times holed for M16 bolts (bolts and plates elsewhere measured)

t0.26

- 3Base plate size 200mm long x 150mm wide x 10mm thick four times holed for 16mm diameter anchors (elsewhere measured) bedded and including 30mm thick 50MPa grouting

No4

Carried to Collection

R

Section No. 2
Bill No. 13
STRUCTURAL STEELWORK (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

4	End plate size 130mm long x 200mm wide x 10mm thick four times holed for 16mm diameter high tensile bolts (elsewhere measured)	No	4
<u>GALVANISED STEEL PURLINS, GIRTS, BRACING, ETC</u>			
<u>Purlins and girts welded to steel</u>			
5	150 x 65 x 20 x 2mm Thick cold-formed lipped channel purlin	t	0.10
6	150 x 65 x 20 x 2mm Thick cold-formed lipped channel girt	t	0.07
7	50 x 50 x 3mm Thick sag bar angle section braces	t	0.10
<u>BOLTS, FASTENERS, ETC</u>			
<u>Galvanised mild steel bolts</u>			
8	Anchor assembly consisting of 16mm diameter threaded anchor rods (grade 8.8)	No	16
9	M16 High tensile 50mm galvanised bolts and nuts (grade 8.8)	No	16
10	10mm Flat section cleat 70 x 300mm girth, welded on four times holed for bolts (elsewhere measured)	No	4
<u>PAINTING</u>			
<u>Prime with one coat "Plascon Metalcare Mild Steel Primer (UC 501)" with an overcoating time of 16 hours and finish with two coats "Plascon Velvagio Satin (VLO)" with 16 hours drying time between coats, for a maintenance cycle of 3 years in a C1 - inland environment</u>			
11	On structural steel columns, beams, etc	m2	25
12	On steel purlins, girts, etc	m2	20

Carried to Collection

R

Section No. 2

Bill No. 13

STRUCTURAL STEELWORK (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Item No	Quantity	Rate	Amount R
<u>BILL No. 14</u> <u>METALWORK (PROVISIONAL)</u> <u>(CPAP WORK GROUP NO. 136 UNLESS OTHERWISE STATED)</u> For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009' <u>SUPPLEMENTARY PREAMBLES</u> <u>Proprietary items or materials</u> Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent <u>Descriptions</u> Descriptions of bolts shall be deemed to include nuts and washers Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete _____			
Carried to Collection			R
Section No. 2 Bill No. 14 METALWORK (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Labour Intensive

All items marked (LI) 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

BALUSTRADES ETC**"Mentis" or equivalent inter-link galvanised balustrades**

1	Horizontal balustrades 850mm high of 32mm diameter continuous top and bottom rails and 44mm diameter type B stanchions at average 1000mm centres, bolted to concrete	m	190
2	Extra over horizontal balustrades with type E stanchions for bends	No	228
3	Extra over horizontal balustrades with type E stanchions for end closure	No	228
4	Sloping balustrades 850mm high of 32mm diameter continuous top and bottom rails and 44mm diameter type B stanchions at average 1000mm centres, bolted to concrete	m	54
5	Extra over horizontal balustrades with type B stanchions for end closure	No	160

Bolts, etc (Provisional)

6	10mm Diameter x 110mm long expansion anchor	No	150
---	---	----	-----

PRESSED STEEL DOOR FRAMES**1,6mm Rebated frames suitable for 110 and 220mm brick walls including hinges, etc**

7	Frame for door 813 x 2032mm high	No	159
---	----------------------------------	----	-----

Carried to Collection

R

Section No. 2

Bill No. 14

METALWORK (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

8	Frame for door 813 x 2032mm high and including bottom hung fanlight 300mm high	No	40
9	Frame for door 813 x 2032mm high and including ventilation fanlight 300mm high	No	24
10	Frame for door 1708 x 2032mm high and including fixed fanlight 300mm high	No	7

**GALVANISED PRESSED STEEL
TRANSFORMER ROOM DOORS AND FRAMES**

Approved transformer room doors and frames fitted with louvres and ironmongery

11	Double door 1400 x 2100mm high with each leaf with one (1) 450 x 1800mm high louvred ventilation panels and rebated frame suitable for 220 wall and the doors fitted with: · L-22315-76 cylinder lock; · 2x20SC GMK single cylinder · Pair CZ612-05SC "Protea" lever handles with backing plates and through door fixing. · pairs Union 8352-100SS 100 x 75mm ball bearing butt hinges	No	1
----	--	----	---

GALVANISED PRESSED STEEL LOUVRE

Natural ventilation anodised horizontal galvanised steel louvre units fixed to zincalume cladding

12	Standard louvre unit, 1000 x 1500mm high	No	2
13	Standard louvre unit, 1600 x 1200mm high	No	1
14	Standard louvre unit, 4200 x 1200mm high	No	1

ALUMINIUM WINDOWS, DOORS, ETC

Carried to Collection

R

Section No. 2
Bill No. 14
METALWORK (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

User Note:

Note: Tenderers are referred to architect's drawings numbered 17-020-A700-01 to 06 and 17-020-A750-01 to 07 annexed to these bills of quantities/accompanying these bills of quantities for tender purposes

Doors and windows shall comply with AAAMSA design criteria

Glazing shall comply with SAGGA regulations. Glass shall be clear low E laminated performance glass as shown on the window schedules/drawings appended to these bills of quantities. Glass thickness shall comply with SAGGA regulations irrespective of thickness as 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

Windows to be glazed with **4mm toughened glass** for areas of fixed panes and **4mm monolithic annealed glass** for openable sections, strictly in accordance with the glass manufacturer's recommendations

Doors to be glazed with **4mm toughened glass**, strictly in accordance with the glass manufacturer's recommendations

Carried to Collection

R

Section No. 2
Bill No. 14
METALWORK (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

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 powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process
- 4 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
- 5 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

ALUMINIUM LARGE PANE DOORS

Polyester powder coated doors units as per approved system, complete with subframes, heavy-duty ironmongery, toughened glass, sealing, etc and fixing to brickwork or concrete

15	Single door type D03, size 900 x 2100mm high and with and including 600 x 900mm high top hung side window complete	No	24
16	Sliding door D03, size 2000 x 2032mm high overall complete - Building A15	No	1

Carried to Collection

R

Section No. 2

Bill No. 14

METALWORK (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

17	Sliding folding door type D02, size 2700 x 2100mm high overall complete	No	8	
<u>ALUMINIUM TOP HUNG CASEMENT WINDOWS</u>				
<u>Polyester powder coated window units as per approved system, complete with subframes, heavy-duty ironmongery, toughened glass, sealing, 12mm thick burglar bars etc and fixing to brickwork or concrete</u>				
18	Window reference WD03, size 600 x 900mm high	No	24	
19	Window reference WD02, size 1540 x 980mm high	No	8	
20	Window reference WD01, size 1500 x 1200mm high	No	24	
<u>GALVANISED STEEL GATES, SCREENS, ETC</u>				
<u>Gas cylinder enclosures</u>				
21	50 x 2,5mm Galvanised diamond mesh covering in approximately 2m high panels tied with 1,6mm galvanised binding wire to frames	m2	78	
<u>ALUMINIUM POWDER COATED LOUVRES</u>				
<u>Natural ventilation anodised horizontal aluminium louvre units fixed to brickwork</u>				
22	Louvre type LV03, size 600 x 300mm high	No	24	
23	Louvre type LV02, size 1500 x 600mm high	No	36	
24	Louvre type LV01, size 1800 x 600mm high	No	36	
<u>ALUMINIUM FRAMED AND UNFRAMED SHOWER CUBICLE PANELS AND DOORS ETC</u>				
Carried to Collection				R
Section No. 2				
Bill No. 14				
METALWORK (PROVISIONAL)				
ProQS				
Provisional BOQ - 1 August 2024				

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Anodised aluminium framed shower cubicle panels and doors with frames, sliding gear, pivot hinges, cleats, stops, etc and 3mm toughened clear safety glass, plugged to tiled walls and sealed with silicone sealant

25	Pivot door 763 x 1500mm high	No	24
----	------------------------------	----	----

Carried to Collection

R

Section No. 2
Bill No. 14
METALWORK (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Item No		Quantity	Rate	Amount R
BILL No. 15				
<u>PLASTERING (PROVISIONAL)</u>				
<u>(CPAP WORK GROUP NO. 142 UNLESS OTHERWISE STATED)</u>				
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Proprietary items or materials</u>				
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent				
<u>Labour Intensive</u>				
All items marked (LI) 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				
<u>SCREEDS</u>				
<u>5mm Thick "TAL SCREEDMASTER" or equivalent self levelling screed to screeds including priming of floors, in strict accordance to manufactures specifications</u>				
1	On concrete floors and screeds (LI)	m2	1,519	
<u>GRANOLITHIC</u>				
Carried to Collection				R
Section No. 2 Bill No. 15 PLASTERING (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Untinted granolithic, on concrete</u>				
2	19mm Thick on treads and risers of stairs (LI)	m2	58		
3	35mm Thick on floors (LI)	m2	437		
	<u>INTERNAL PLASTER</u>				
	<u>Cement plaster steel trowelled, on brickwork</u>				
4	On walls (LI)	m2	4,152		
5	On narrow widths (LI)	m2	20		
	<u>EXTERNAL PLASTER</u>				
	<u>Cement plaster on brickwork</u>				
6	On walls (LI)	m2	1,958		
7	On narrow widths (LI)	m2	20		
8	On sloping top, front edge and projecting soffit of sills 160mm girth (LI)	m	63		
	<u>METAL LATHING</u>				
	<u>12 x 40mm Expanded steel mesh lathing with 1,6 x 2,5mm strands (mass 4,1kg/m²)</u>				
9	Sheets fixed to brick wall, extending 300mm each side	m2	47		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 15				
	PLASTERING (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

INSPECTIONS, SERVICES AND REPAIRS OF EXISTING

10	Allow the budgetary allowance of R50 000.00 (Fifty Thousand Rand only net) for remedial work to plasterwork carried out under previous contract as directed, confirmed by and utilized at the sole discretion of the Principal Agent
----	--

Item

50,000.00

Carried to Collection

R

Section No. 2
Bill No. 15
PLASTERING (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Item No	Quantity	Rate	Amount R
<u>BILL No. 16</u>			
<u>TILING (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 144 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Labour Intensive</u>			
All items marked (LI) 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			
<u>WALL TILING</u>			
<u>300 x 600 x 5mm "Africa Tiles" or equivalent (code: Tacnosadvme) ceramic wall tiles fixed with TAL adhesive to plaster (plaster elsewhere) and flush pointed with TAL tile grout</u>			
1	On walls (LI)	m2	420
Carried to Collection			R
Section No. 2			
Bill No. 16			
TILING (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

2	Extra over tiling for 300 x 150mm mosaic band/border tiles	m	350		
	<u>White Glazed Tiles 150 x 150mm fixed with adhesive</u>				
3	On walls (LI)	m2	171		
	<u>Wall tile sundries</u>				
4	PVC external edge or corner trim (provisional)	m	635		
	<u>FLOOR TILING</u>				
	<u>600 x 600 x 8mm "Africa Tiles" or equivalent (code: Tacnosalgme) ceramic floor tiles fixed with TAL adhesive to screed (screed elsewhere) and flush pointed with TAL tile grout</u>				
5	On floors and landings (LI)	m2	1,733		
6	150mm High cut skirting (LI)	m	1,449		
	<u>600 x 600 x 8mm "Africa Tiles" or equivalent (code: Tacnmligyme) ceramic floor tiles fixed with TAL adhesive to screed (screed elsewhere) and flush pointed with TAL grout</u>				
7	On floors and landings (LI)	m2	8		
	<u>Floor tile sundries</u>				
8	12mm Aluminium tile M-trim (provisional)	m	2,110		
	<u>SKIRTINGS, NOSINGS, ETC</u>				
	<u>Type T 5044 E/F "Nora" or equivalent nosings, etc</u>				
9	70 x 43mm Stair nosing (LI)	m	86		

Carried to Collection

R

Section No. 2
Bill No. 16
TILING (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 17</u>			
<u>PLUMBING AND DRAINAGE (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 146 & 148 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>uPVC pipes and fittings</u>			
Soil, waste and vent pipes and fittings shall be solvent weld jointed			
<u>Copper pipes</u>			
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			
Carried to Collection			R
Section No. 2			
Bill No. 17			
PLUMBING & DRAINAGE (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

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

Flush pans

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

Stainless steel basins, sinks, wash troughs, urinals, etc

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

Waste unions

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

Labour Intensive

All items marked (LI) 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

Carried to Collection

R

Section No. 2
Bill No. 17
PLUMBING & DRAINAGE (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

100 x 100 x 3mm Thick "Dove grey Ogee" profile galvanised aluminium gutter or equivalent, fixed to bracket at minimum of 600mm centres as per manufactures specifications in accordance to SANS 10400 Part KL 4.2.3

1	140 x 150mm Eaves gutter	m	872
2	Extra over eaves gutter for bend/corner	No	40
3	Extra over gutter for stopped end	No	178
4	Extra over 125mm eaves gutter for outlet for 100 x 125mm pipe	No	118

Rainwater pipes

5	100 x 125mm Rainwater pipes	m	750
6	Extra over 100 x 125mm rainwater pipe for eaves or plinth offset 600mm projection	No	118
7	Extra over rainwater pipe for bend	No	118
8	Extra over rainwater pipe for shoe	No	118

SANITARY FITTINGS, INCLUDING FIXING IN POSITION, AND ALL CONNECTIONS TO PIPES

Wash hand basins

9	'Vaal Iceberg' (code: VAA-703400WH) white vitreous drop in basin, 450mm diameter with no tap holes and fixed into vanity slab, including sealing edges with an approved silicone sealant against tiles	No	24
---	--	----	----

Carried to Collection

R

Section No. 2

Bill No. 17

PLUMBING & DRAINAGE (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

10	'Vaal Daisy' (Code: VAA-700803WH) vitreous china wall hung basin colour White, size 510 x 400mm with one taphole including, waste, integrated overflow and chainstay hole bolted to wall with two x 10mm bolts (Code: 8448Z000) and including Classic floor mounted pedestal (code: 7150) and sealed with silicone sealant where basin meets wall	No	33
11	'Cobra Focus 951' - 15mm Chromium plated single taphole basin mixer	No	24
12	'Cobra 111' - 15mm Chromium plated star pillar tap, with and including 1/2 BSP male inlet, flanged backnut, etc	No	66
13	'Cobra 302' - 32mm Unslotted basin waste union	No	24
14	'Cobra' - 50mm Stainless steel type 303 (11/4) basin waste union	No	33
15	'Cobra 309' - 32mm Chromium anti-theft plug	No	33
16	'Cobra 340' - Chromium bottle trap	No	57
17	'Cobra 935/350F' 15mm Angle regulating valve	No	90
18	15mm Service pipe 350mm girth	No	114

Water Closets

19	'Vaal Orchid' - Close coupled suite colour White (Code: VAA-438600WH), comprising 90° outlet open rim pan (Code: 772600) with matching 9 litre button flush cistern (Code: 710740) including lid and fitments, Jazz Thermoset seat (Code: 8531Z0) and galvanised silver fixing brackets (code: 8084Z0)	No	24
20	'Vaal Hibiscus Elite' - Close coupled suite colour White (Code: VAA-772402WH), comprising 90° outlet open rim pan (Code: 772600) with matching 9 litre front flush cistern (Code: 710740) including lid and fitments and seat (Code: 8530Z000)	No	30

Carried to Collection

R

Section No. 2

Bill No. 17

PLUMBING & DRAINAGE (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

21	'Cobra 935/350F' 15mm Angle regulating valve	No	54
22	15mm Service pipe 350mm girth	No	54
Showers			
23	'Cobra' (Code: 01-FP-TM002-NNNL) Porcelain enamel shower tray, size 900 x 900mm with anti-slip floor and including 40mm corner waste outlet recessed into floor slab	No	41
24	'Cobra Star 138' - 15mm undertile shower stop tap	No	34
25	'Cobra 956' - 15mm undertile bath/shower mixer	No	24
26	'Cobra Exilis 007' - Shower spray with and including 1500mm long shower hose (code: 008/5C),chromium plated arm/ connector with wall flange (code: AP8-311), complete	No	41
27	'Cobra 002/1' - Chromium plated shower rail	No	41
28	'Cobra 370' - 40mm Brass shower trap including chromium plated grating (code 323CP)	No	41
Baths			
29	'Cobra 180' - White acrylic "San Michelle" bath size 1800 x 800 x 390mm deep, complete with chromium plated handles	No	9
30	'Cobra 1811CH' - 32mm Bath overflow union	No	9
31	'Cobra 317' - 40mm Waste union with overflow and 'Cobra 309' chrome plated anti-theft plug nut, plug	No	9
32	'Cobra 152' - 15mm undertile star bath mixer	No	9
33	'Cobra Victoriana' - Chromium plated cradle	No	9
Carried to Collection			
Section No. 2 Bill No. 17 PLUMBING & DRAINAGE (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

34	'Cobra 007EXILIS1' - Multi-Jet handshower set complete with handshower, shower rail, sliding handshower holder and flexible hose	No	9		
35	'Cobra 370' - 40mm Brass bath trap including chromium plated grating (code 323CP)	No	9		
	<u>Sinks, Wash troughs, etc</u>				
	<u>Franke Stainless steel type 304 (18/10) fittings</u>				
36	'CCP' or similar approved double bowl 30MPa precast concrete washtrough, size 1000 x 320 x 600mm high supported with and including two precast concrete legs	No	25		
37	'Franke Quinline QLX611' - 900 x 500mm single end bowl drop-in sink with drainer (code 1990003)	No	11		
38	'Franke Quiline QLX622' - 1500 x 500mm double end bowl drop-in sink with drainer	No	12		
39	'Cobra 206' - 15mm chromium plated star bib taps	No	25		
40	'Cobra Focus 970' - 15mm chromium plated type sink mixer complete with overarm swivel spout	No	4		
41	'Cobra 296' Chromium plated sink mixer type star complete with aerated swivel outlet	No	19		
42	'Cobra 317' - 40mm Chromium plated sink waste union	No	35		
43	'Cobra 360' - Chromium bottle trap	No	11		
44	'Cobra SSK2' 75mm Sink deepseal reseal "P" butyl trap	No	37		
45	'Cobra 316' - 40mm Waste union with overflow and 'Cobra 309' chrome plated anti-theft plug nut, plug	No	25		
46	'Cobra 935/350F' 15mm Angle regulating valve	No	46		
47	'Cobra 309/40' Chromium anti-theft plug	No	35		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 17				
	PLUMBING & DRAINAGE (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

48	15mm Service pipe 350mm girth	No	58
<u>WASTES AND VENTS</u>			
<u>uPVC pipes</u>			
49	50mm pipe fixed in walls, ceilings, roofs, floors, etc or laid in filling.	m	735
50	110mm pipe fixed in walls, ceilings, roofs, floors, etc or laid in filling.	m	294
<u>Extra over uPVC pipes for fittings</u>			
51	50mm Bend with cleaning eye	No	155
52	50mm Junction	No	48
53	50mm Acces junction	No	41
54	110mm Pan connector	No	54
55	110mm Bend with cleaning eye	No	54
56	110mm Access junction	No	54
57	110mm Access bend with anti-syphon horn	No	54
58	110mm Reducing junction	No	54
59	110mm "GI two-way" vent valve	No	19
60	100mm Gully	No	37

WATER SUPPLIES**COLD WATER**

Carried to Collection

R

Section No. 2

Bill No. 17

PLUMBING & DRAINAGE (PROVISIONAL)

ProQS**Provisional BOQ - 1 August 2024**

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Class 2 copper piping complete with content labelling and direction of flow indicators including supporting at centres as detailed in the specifications</u>				
61	15mm diameter pipes	m	677		
62	22mm diameter pipes	m	1,256		
	<u>Extra over Class 2 copper pipes for brass capillary soldered fittings</u>				
63	15mm bush, elbow, bend, tee, reducing tee, saddled, etc	No	209		
64	22mm bush, elbow, bend, tee, reducing tee, saddled, etc	No	184		
	<u>Valves, etc.</u>				
65	15mm, 300mm Long stainless steel braided flexible hose with valve	No	209		
66	22mm Lever ball valve	No	184		
	<u>TESTING</u>				
67	Provide all necessary apparatus water, etc for and test the whole of the wastes and vents to the satisfaction of the Representative/Agent and the Municipality, replace any defective work free of charge and leave perfect.			Item	
	<u>FIRE APPLIANCES ETC</u>				
	<u>Fire extinguisher</u>				
	<u>Including testing, certification, installation as per the relevant SANS standards</u>				
68	9kg Dry chemical powder fire extinguisher size 181mm diameter x 553mm high (empty mass 13.5kg) including backboard, plugged and screwed	No	21		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 17				
	PLUMBING & DRAINAGE (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Fire Hose reels**Including testing, certification, installation as per the relevant SANS standards**

69	Fire hose reel complete with 30m plastic hose, chromium plated stopcock, shut-off nozzle and wall bracket	No	7
70	Double door fire hose reel cabinet size 800 x 800 x 300mm deep, complete with lockable key mechanism and key box with a break glass function in case of emergency, bolted to wall	No	7

WATER SUPPLIES**Galvanised steel pipes**

71	50mm Pipes	m	42
72	25mm Pipes	m	14

Extra over galvanised steel pipes for steel fittings

73	50mm Bush	No	21
74	50mm Elbow	No	14
75	50mm Bend	No	7
76	50mm Tee	No	7
77	100mm Saddle including nuts and bolts and drilling and pipes	No	7

Sundries

78	Testing water pipe system	Item	
----	---------------------------	------	--

Carried to Collection

R

Section No. 2

Bill No. 17

PLUMBING & DRAINAGE (PROVISIONAL)

ProQS**Provisional BOQ - 1 August 2024**

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>BUILDER'S WORK, INCLUDING ALL MAKING GOOD</u>			
79	Hole trough one brick wall for pipe not exceeding 100mm diameter	No	24
<u>PLUMBING MAINTENANCE</u>			
<u>Sundries</u>			
80	Unblock existing 110mm diameter toilet drainage pipe	No	30
Carried to Collection			R
Section No. 2			
Bill No. 17			
PLUMBING & DRAINAGE (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Item No	Quantity	Rate	Amount R
<u>BILL No. 18</u>			
<u>GLAZING (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 150 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Labour Intensive</u>			
All items marked (LI) 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			
<u>GLAZING TO STEEL WITH PUTTY</u>			
<u>6mm Normal strength (NS) clear laminated safety glass</u>			
1	Panes exceeding 0.5m ² not exceeding 2m ²	m2	192
2	Panes exceeding 2m ² not exceeding 4m ²	m2	18
3	Panes exceeding 4m ²	m2	58
Carried to Collection			R
Section No. 2 Bill No. 18 GLAZING (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

GLAZING TO WOOD WITH PINNED-ON BEADS

4mm Obscured laminated glass

4	Panes exceeding 2m ² and not exceeding 4m ² in new doors	m2	6
---	--	----	---

TOPS, SHELVES, DOORS, MIRRORS, ETC

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 or concrete

5	Mirror 350 x 650mm high with four screws	No	57
---	--	----	----

Carried to Collection

R

Section No. 2
Bill No. 18
GLAZING (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 19</u>			
<u>PAINTWORK (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 152 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>General</u>			
All primers, emulsion paints, enamels, stains, varnish, etc are to comply with the relevant SABS Specification			
<u>Labour Intensive</u>			
All items marked (LI) 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			
<u>PAINTWORK ETC TO PREVIOUSLY PAINTED WORK</u>			
Carried to Collection			R
Section No. 2			
Bill No. 19			
PAINTWORK (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

PREPARATORY WORK TO EXISTING SURFACES

Previously painted plastered surfaces All existing painted surfaces must be sanded and 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

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

Previously painted wood 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

ON PLASTER ETC

Apply one coat "Dulux Trade Plaster Primer" and three coats "Dulux Trade 70 Mildsheen" or equivalent paint

1	On internal floated plastered walls	m2	4,158
---	-------------------------------------	----	-------

Apply one coat "Plascon Universal Undercoat" and two coats "Plascon Velvaglo Satin" or equivalent paint

2	On internal floated plastered walls	m2	525
---	-------------------------------------	----	-----

Apply one coat "Dulux Plaster Primer" and two coats "Dulux Weatherguard Ultratex" styrene acrylic or equivalent paint

3	On external floated plastered walls	m2	1,716
---	-------------------------------------	----	-------

4	On external floated plastered columns	m2	50
---	---------------------------------------	----	----

ON METAL

Carried to Collection

R

Section No. 2

Bill No. 19

PAINTWORK (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>One coat "Dulux Plaster Primer" and two coats "Dulux Weatherguard Ultratex" styrene acrylic or equivalent paint</u>		
11	On walls	m2	1,189
12	On narrow widths	m2	20
	<u>ON INTERNAL FLOATED PLASTER SURFACES</u>		
	<u>One coat "Dulux Trade Plaster Primer" and three coats "Dulux Trade 70 Mildsheen" or equivalent paint</u>		
13	On walls	m2	2,139
14	On narrow widths	m2	27
	<u>ON METAL</u>		
	<u>Surface to be clean and dry. One coat "Dulux Universal Undercoat" and two coats "Dulux Hammerite Hammer" or equivalent paint</u>		
15	On door frames	m2	413
16	On rails, bars, pipes, etc not exceeding 300 mm girth	m	431
	<u>ON WOOD</u>		
	<u>Prepare and apply one coat "Dulux Primer" and two coats of "Dulux Bathroom+" or equivalent paint</u>		
17	On doors	m2	542
18	Skirtings, rails, etc not exceeding 300mm girth	m	2,080
	<u>ON FIBRE CEMENT</u>		
	<u>One coat "Dulux Plaster Primer" and two coats "Dulux Double Velvet " or equivalent paint</u>		
19	On fascias and barge boards	m2	502
	Carried to Collection		
	Section No. 2		
	Bill No. 19		
	PAINTWORK (PROVISIONAL)		
	ProQS		
	Provisional BOQ - 1 August 2024		

R

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

SECTION SUMMARY - BUILDING WORK		Page No	Amount R
Bill No			
1	ALTERATIONS (PROVISIONAL)	37	
2	EARTHWORKS (PROVISIONAL)	43	
3	CONCRETE, FORMWORK AND REINFORCEMENT (PROVISIONAL)	51	
4	PRECAST CONCRETE (PROVISIONAL)	54	
5	MASONRY (PROVISIONAL)	60	
6	WATERPROOFING (PROVISIONAL)	64	
7	ROOF COVERINGS (PROVISIONAL)	69	
8	CARPENTRY & JOINERY (PROVISIONAL)	78	
9	JOINERY FITTINGS, ETC (PROVISIONAL)	89	
10	CEILINGS, PARTITIONS & ACCESS FLOORING (PROVISIONAL)	93	
11	FLOOR COVERINGS, WALL LININGS, ETC (PROVISIONAL)	96	
12	IRONMONGERY (PROVISIONAL)	104	
13	STRUCTURAL STEELWORK (PROVISIONAL)	108	
14	METALWORK (PROVISIONAL)	116	
15	PLASTERING (PROVISIONAL)	120	
16	TILING (PROVISIONAL)	123	
17	PLUMBING & DRAINAGE (PROVISIONAL)	134	
18	GLAZING (PROVISIONAL)	137	
Carried Forward			R
Section No. 2			
Bill No. 19			
PAINTWORK (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

SECTION SUMMARY - BUILDING WORK		Page No		Amount R
Bill No				
	Brought Forward		R	
19	PAINTWORK (PROVISIONAL)	143		
Carried to Final Summary			R	
Section No. 2 ProQS Provisional BOQ - 1 August 2024				

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 1</u>			
<u>BULK EARTHWORKS, ETC. (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 104 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Nature of ground</u>			
A soils investigation has been carried out on site as per geotechnical report annexed to these bills of quantities			
Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth" described in the above report and where conditions of a more difficult character are indicated these are separately measured			
No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling			
<u>Carting away of excavated material</u>			
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			
Carried to Collection			R
Section No. 3			
Bill No. 1			
BULK EARTHWORKS, ETC. (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>Grass planting and turfing</u> Supply, deliver and lay Royal or Silverton Blue Cynodon sods in instant lawn format <u>Fertilizer</u> 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 <u>Weed killer</u> Spray grass with 'Methalachlor' or similar approved product at 2.4 litres per ha <u>Watering and rolling</u> 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 <u>Labour Intensive:</u> All items marked (LI) 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. <u>SITE CLEARANCE ETC</u> <u>Site clearance</u> Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc (LI)	m2	587	
Carried to Collection			R
Section No. 3 Bill No. 1 BULK EARTHWORKS, ETC. (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

2	Stripping average 100mm thick layer of top soil and stockpiling on site (LI)	m2	587		
	<u>REMOVAL OF TREES, ETC.</u>				
	<u>Cutting down and removing, grubbing up roots and filling in holes</u>				
3	Tree exceeding 500mm and not exceeding 1000mm girth (LI)	No	5		
4	Tree exceeding 1500mm and not exceeding 2000mm girth (LI)	No	5		
	<u>BULK EXCAVATION, FILLING, ETC</u>				
	<u>Excavation in earth for soil improvement purposes</u>				
5	In bulk excavations to reduced levels and cut to fill and form platforms (LI)	m3	1,497		
	<u>Extra over bulk excavations in earth for excavation in</u>				
6	Soft excavations	m3	150		
7	Intermediate material	m3	130		
8	Hard rock	m3	75		
9	Class A boulders	m3	37		
10	Class B boulders	m3	37		
	<u>Earth filling obtained from the excavations (not compacted)</u>				
11	In prescribed stock piles on site (LI)	m3	1,497		
	<u>Extra over all excavations for carting away</u>				
12	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	894		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 1				
	BULK EARTHWORKS, ETC. (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

FILLING, ETC

Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density

13	Over site to make up levels	m3	603
----	-----------------------------	----	-----

Approved filling of G5 material supplied by the contractor

14	Under floors, steps, pavings, etc compacted to 95% Modified AASHTO density (LI)	m3	193
----	---	----	-----

Approved filling of G7 (Crusher Run) supplied by the contractor

15	Under floors, steps, pavings, etc compacted to 95% Modified AASHTO density (LI)	m3	193
----	---	----	-----

Compaction of surfaces

16	Compaction of natural or excavated 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	m2	416
----	---	----	-----

Prescribed density tests on filling

17	Maximum dry density and optimum moisture content test in accordance with method A7 of TMH 1	No	60
----	---	----	----

18	"Modified AASHTO Density" test	No	60
----	--------------------------------	----	----

LANDSCAPING

Maintenance period

Attention is drawn to the maintenance period prescribed in the preambles

Carried to Collection

R

Section No. 3

Bill No. 1

BULK EARTHWORKS, ETC. (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Excavate in earth and dispose on site</u>		
19	To remove humps, form shallow ditches, etc (LI)	m2	600
	<u>Ground preparation</u>		
20	Cultivation and preparation of areas to be planted (LI)	m2	600
	<u>Topsoil obtained from prescribed stock piles on site, including spreading and levelling</u>		
21	Topsoil obtained from prescribed stock piles on site in plant beds, grassed areas and holes for trees, shrubs, etc (LI)	m3	12
	<u>Topsoil supplied by the contractor (3 parts top soil, 1 part compost and 1 part milled pine bark), including spreading and levelling</u>		
22	Topsoil supplied by the contractor in plant beds, grassed areas and holes for trees, shrubs, etc (LI)	m3	48
	<u>Grassing, ground covers, etc</u>		
23	"Royal" or "Silverton Blue Cynodon" sods (LI)	m2	600
	<u>Trees</u>		
24	Celtis africana 1500mm high (LI)	No	15
25	Ekerbergia capensis 1500mm high (LI)	No	15
26	Halleria lucida 1000mm high (LI)	No	15
	<u>Shrubs, bulbs and plants</u>		
27	Ochna serrulata weighing 5kg (LI)	No	35

Carried to Collection

R

Section No. 3

Bill No. 1

BULK EARTHWORKS, ETC. (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

INSPECTIONS, SERVICES AND REPAIRS OF EXISTING

28	Allow the budgetary allowance of R 50 000.00 (Fifty Thousand Rand only net) for remedial work to bulk earthworks carried out under previous contract as directed, confirmed by and utilized at the sole discretion of the Principal Agent
----	---

Item

50,000.00

Carried to Collection

R

Section No. 3

Bill No. 1

BULK EARTHWORKS, ETC. (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 2</u>			
<u>ROADWORKS, PARKING AREAS, PAVINGS (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 154 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Nature of ground</u>			
A soils investigation has been carried out on site by the Engineers and the report is available for inspection at their offices			
Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth" described in the above report and where conditions of a more difficult character are indicated these are separately measured			
No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling			
Carried to Collection			R
Section No. 3			
Bill No. 2			
ROADWORKS, PARKING AREAS, PAVINGS, ETC (PRO			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>Carting away of excavated material</u> 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 <u>Grass planting and turfing</u> Supply, deliver and lay Royal or Silverton Blue Cynodon sods in instant lawn format <u>Fertilizer</u> 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 <u>Weed killer</u> Spray grass with 'Methalachlor' or similar approved product at 2.4 litres per ha <u>Watering and rolling</u> 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 <u>Labour Intensive</u> All items marked (LI) 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					
Carried to Collection					
Section No. 3 Bill No. 2 ROADWORKS, PARKING AREAS, PAVINGS, ETC (PRO ProQS Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Testing of material and filling

Descriptions of earth filling, compaction, etc shall be deemed to include for all necessary testing required in accordance with the SABS 1200 series

REMOVAL OF TREES, ETC.

Cutting down and removing, grubbing up roots and filling in holes

1	Tree exceeding 500mm and not exceeding 1000mm girth	No	5
---	---	----	---

**ROADWORK, WALKWAYS, ETC
(PROVISIONAL)**

Precast concrete block road surfacing

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

Clean sand shall be swept into joints between roadstones at completion

Open face excavation in earth over sloping site

2	For roadwork, walkways, etc (LI)	m3	379
---	----------------------------------	----	-----

Extra over bulk excavation for excavation in

3	Soft excavations	m3	95
4	Intermediate material	m3	95
5	Hard rock	m3	38
6	Class A boulders	m3	38
7	Class B boulders	m3	38

Carried to Collection

R

Section No. 3

Bill No. 2

ROADWORKS, PARKING AREAS, PAVINGS, ETC (PRO

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

<u>Earth filling obtained from the excavations (not compacted)</u>				
8	In prescribed stock piles on site (LI)	m3	379	
<u>Extra over all excavations for carting away</u>				
9	Surplus material from stock piles on site to a dumping site to be located by the contractor (LI)	m3	379	
<u>Risk of collapse of excavations</u>				
10	Sides of bulk excavations not exceeding 1,5m deep	m2	912	
<u>Keeping excavations free of water</u>				
11	Keeping excavations free of all water		Item	
<u>Earth filling supplied by the contractor under pavings etc</u>				
12	Sub-base course G7 (crusher run) under roads and parking areas etc compacted to 95% Mod AASHTO density (LI)	m3	110	
13	Sub-base course G5 under roads and parking areas etc compacted to 95% Mod AASHTO density (LI)	m3	110	
14	Base course C3 (crusher run) under roads and parking areas etc compacted to 98% Mod AASHTO density (LI)	m3	235	
15	Base course C4 (crusher run) under roads and parking areas etc compacted to 98% Mod AASHTO density (LI)	m3	210	
<u>Coarse river sand filling</u>				
16	Under floors, etc (LI)	m3	110	
Carried to Collection				R
Section No. 3				
Bill No. 2				
ROADWORKS, PARKING AREAS, PAVINGS, ETC (PRO				
ProQS				
Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Compaction of surfaces</u>				
17	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 (LI)	m2	600		
	<u>Prescribed density tests on filling</u>				
18	In-situ dry density (sand replacement) test in accordance with method A10 (a) of TMH 1	No	28		
19	Maximum dry density and optimum moisture content test in accordance with method A7 of TMH 1	No	28		
20	Atterberg limits test in accordance with methods A2 to A4 of TMH1	No	20		
21	CBR test in accordance with method A8 of TMH1	No	20		
22	UCS test in accordance with method A14 of TMH1	No	20		
	<u>Weedkiller and applied at a rate as indicated by the manufacturer</u>				
23	Under paving etc	m2	1,976		
	<u>25MPa/19mm Reinforced concrete</u>				
24	Strip footings, bases, etc (Provisional) (LI)	m3	22		
25	Walkway steps (LI)	m3	1		
	<u>Rough formwork to sides</u>				
26	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	231		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 2				
	ROADWORKS, PARKING AREAS, PAVINGS, ETC (PRO				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Prepare and apply one coat white reflective road marking paint on bituminous road surfacing, precast concrete paving blocks, etc

33	100mm Wide line	m	145
34	Traffic arrow 900 x 150mm wide extreme	No	10
35	Paraplegic parking motif 1000 x 1000mm extreme	No	5

Roadsigns

36	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	No	8
----	--	----	---

INSPECTIONS, SERVICES AND REPAIRS OF EXISTING

37	Allow the budgetary allowance of R 150 000.00 (One Hundred and Fifty Thousand Rand only net) for remedial work to roadworks, parking and pavings work carried out under previous contract as directed, confirmed by and utilized at the sole discretion of the Principal Agent		
----	--	--	--

Item

150,000.00

Carried to Collection

R

Section No. 3

Bill No. 2

ROADWORKS, PARKING AREAS, PAVINGS, ETC (PRO

ProQS**Provisional BOQ - 1 August 2024**

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 3</u>			
<u>WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 146 & 148 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>uPVC pressure pipes and fittings</u>			
Pipes for water supply shall be of the class stated			
Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings			
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			
Soil, waste and vent pipes and fittings shall be solvent weld jointed			
Carried to Collection			R
Section No. 3			
Bill No. 3			
WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

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: SABS 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 SABS 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 SABS 1200 LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding

Carried to Collection

Section No. 3

Bill No. 3

WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

R

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Exposed concrete surfaces

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

Labour Intensive

All items marked (LI) 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

TAPS, VALVES, ETC.**"Meinecke" or equivalent**

1	19mm Self closing push tap connected to 2m long 25mm HDPE class 10 pipe	No	2
2	75mm Water meter complete	No	1

"Cobra Watertech" or equivalent

3	25mm 1001/125RB fullway gate valve	No	5
4	50mm 1003/125RB fullway gate valve	No	4
5	50mm Non-return valve	No	1

Connection and work to existing fittings, etc

6	Cut into existing 250mm uPVC pressure water pipeline	No	1
---	--	----	---

Sundries

7	uPVC valve box for valves to pipes not exceeding 63mm diameter	No	8
---	--	----	---

WATER SUPPLY

Carried to Collection

R

Section No. 3

Bill No. 3

WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

<u>Class 2 copper piping complete with content labelling and direction of flow indicators including supporting at centres as detailed in the specifications</u>					
24	32mm Pipes	m	16		
<u>Extra over Class 2 copper pipes for brass capillary soldered fittings</u>					
25	32mm Bend	No	12		
26	32mm Tee	No	8		
27	32mm Adaptor coupling	No	15		
28	32 x 25mm Reducing tee	No	8		
<u>Excavations, backfilling, etc</u>					
29	Excavation not exceeding 2m deep for drain trenches (LI)	m3	161		
30	Approved backfilling from excavations, to drain trenches (LI)	m3	27		
31	Selected backfilling, from excavations, to drain trenches compacted to 90% Mod AASHTO density (LI)	m3	107		
32	Selected sand filling, supplied by the contractor, in bedding under and filling around pipes (LI)	m3	27		
<u>Extra over trench excavation in earth for excavation in</u>					
33	Intermediate material	m3	36		
34	Hard rock	m3	18		
Carried to Collection				R	
Section No. 3					
Bill No. 3					
WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Valves, etc., including joints to pipes and/or fitting unless otherwise described</u>			
35	25mm Isolating Valve	No	10	
36	50mm Isolating Valve	No	2	
37	54mm High pressure water filter stop with filter, stop and non return	No	1	
38	75mm Isolating Valve	No	2	
39	75mm Wafer check non return valve	No	2	
	<u>Fire Hydrant pedestals</u>			
	<u>Including testing, certification, installation as per the relevant SANS standards</u>			
40	Unreinforced concrete hydrant pedestal 900mm high, cast around vertical pipe with bottom 300mm below ground, 300 x 300mm square at base and tapering to 200 x 200mm overall octagonal shaped top, including excavation, formwork and two coats of paint to exposed surfaces	No	10	
	<u>Stand pipe</u>			
	<u>Including testing, certification, installation as per the relevant SANS standards</u>			
41	75mm diameter stand pipe	No	7	
	<u>Connections</u>			
42	Cut into existing 54mm diameter galvanised water main, create bypass, block off on completion including all necessary fittings, valves, and valve box, including connecting existing water supply system to new sanitary fittings		Item	
	Carried to Collection			
	Section No. 3			
	Bill No. 3			
	WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)			
	ProQS			
	Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

TESTING, CONNECTIONS, ETC

43 Provide all the necessary apparatus, etc. and test the whole of the water supply to the satisfaction of the Representative/ Agent and the Municipality, replace any defective work free of charge and leave perfect.

Item

44 Commission of Gear driven butterfly shut off valve

No

10

Water connection

45 Allow the money provision of R50 000,00 (Fifty Thousand Rand) for local authority sewer connection fee

Item

50,000.00

46 Allow for profit

Item

47 Allow for attendance

Item

SUNDRIES

48 Unreinforced concrete in thrust blocks at bends, tees, etc including necessary extra excavation, formwork, etc

m3

1

SOIL DRAINAGE**Sewer connection**

49 Allow the money provision of R50 000,00 (Fifty Thousand Rand) for local authority sewer connection fee

Item

50,000.00

50 Add for profit

Item

51 Allow for attendance

Item

Class 34 uPVC pipes and fittings

52 110mm Pipes vertically or ramped to cleaning eyes etc

m

38

53 110mm Pipes laid in trenches not exceeding 1m deep (excavations elsewhere measured)

m

93

Carried to Collection

R

Section No. 3

Bill No. 3

WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)

ProQS**Provisional BOQ - 1 August 2024**

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

54	160mm Pipes laid in trenches exceeding 1m and not exceeding 2m deep (excavations elsewhere measured)	m	96		
55	315mm Pipes laid in trenches not exceeding 1m deep (excavations elsewhere measured)	m	133		
56	315mm Pipes laid in trenches exceeding 1m and not exceeding 2m deep (excavations elsewhere measured)	m	21		
57	315mm Pipes laid in trenches exceeding 2m and not exceeding 4m deep (excavations elsewhere measured)	m	18		
<u>Extra over uPVC pipes for fittings</u>					
58	110 x 50mm Reducing adaptor	No	12		
59	110 x 50mm Reducing junction	No	32		
60	110mm Bend	No	4		
61	110mm Access bend	No	64		
62	110mm Access junction	No	32		
63	160mm Bend	No	12		
64	160mm Junction	No	4		
65	315mm Bend	No	6		
66	315mm Junction	No	6		
67	160 x 110mm Reducing adaptor	No	2		
68	160 x 110mm Reducing junction	No	2		
69	315 x 160mm Reducing junction	No	2		
70	315 x 160mm Reducing adaptor	No	2		
71	110mm Rodding eye	No	24		
Carried to Collection				R	
Section No. 3					
Bill No. 3					
WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

72	160mm Rodding eye	No	8		
73	315mm Rodding eye	No	12		
	<u>Excavations, backfilling, etc</u>				
74	Excavation not exceeding 2m deep for drain trenches (LI)	m3	350		
75	Approved backfilling from excavations, to drain trenches (LI)	m3	146		
76	Selected backfilling, from excavations, to drain trenches compacted to 90% Mod AASHTO density (LI)	m3	58		
77	Selected sand filling, supplied by the contractor, in bedding under and filling around pipes (LI)	m3	91		
	<u>Extra over trench excavation in earth for excavation in</u>				
78	Intermediate material	m3	35		
79	Hard rock	m3	18		
80	Class A boulders	m3	9		
81	Class B boulders	m3	9		
	<u>Earth filling obtained from the excavations (not compacted)</u>				
82	In prescribed stock piles on site (LI)	m3	350		
Carried to Collection				R	
Section No. 3					
Bill No. 3					
WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

<u>Extra over all excavations for carting away</u>			
83	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor (LI)	m3	91
<u>25MPa/19mm Unreinforced concrete cast against excavated surfaces</u>			
84	Concrete bedding under pipes (LI)	m3	4
<u>uPVC gulleys</u>			
85	110mm uPVC gulley complete with and including 380 x 380 x 170mm precast concrete gulley surround on 75mm Class C concrete base and fitted with 187mm diameter uPVC grating	No	32
86	160mm uPVC gulley complete with and including 380 x 380 x 170mm precast concrete gulley surround on 75mm Class C concrete base and fitted with 187mm diameter uPVC grating	No	12
<u>INSPECTION CHAMBERS</u>			
<u>uPVC channels</u>			
87	110mm Halfround channels in bottoms of inspection chambers	m	5
88	160mm Halfround channels in bottoms of inspection chambers	m	4
89	315mm Halfround channels in bottoms of inspection chambers	m	18
<u>Extra over uPVC channels for fittings</u>			
90	110mm Bend	m	36
91	110mm Junction	m	18
Carried to Collection			R
Section No. 3 Bill No. 3 WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

92	160mm Bend	No	6		
93	160mm Junction	No	3		
94	315mm Bend	No	12		
95	315mm Junction	No	12		
	<u>Remedial work to partially completed "Rocla" or equivalent precast concrete circular inspection chambers complete with and including 25 MPa concrete base, excavations, part fill, compact, carting away surplus, step irons, standard precast medium duty concrete frame and cover, etc</u>				
96	Inspection chamber 1000mm diameter and exceeding 750mm and not exceeding 1000mm deep internally	No	2		
	<u>"Rocla" or equivalent precast concrete circular inspection chambers complete with and including 25 MPa concrete base, excavations, part fill, compact, carting away surplus, step irons, standard precast medium duty concrete frame and cover, etc</u>				
97	Inspection chamber 1000mm diameter and exceeding 750mm deep internally	No	5		
98	Inspection chamber 1000mm diameter and exceeding 750mm and not exceeding 1000mm deep internally	No	1		
99	Inspection chamber 1000mm diameter and exceeding 1000mm and not exceeding 1250mm deep internally	No	2		
100	Inspection chamber 1000mm diameter and exceeding 1500mm and not exceeding 1750mm deep internally	No	1		
101	Inspection chamber 1000mm diameter and exceeding 1750mm and not exceeding 2000mm deep internally	No	3		
102	Inspection chamber 1000mm diameter and exceeding 2000mm and not exceeding 2250mm deep internally	No	3		
Carried to Collection					R
Section No. 3					
Bill No. 3					
WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 4</u>			
<u>STORMWATER DRAINAGE (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 154 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Formwork</u>			
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			
Carried to Collection			R
Section No. 3			
Bill No. 4			
STORMWATER DRAINAGE (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>Carting away of excavated material</u>					
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					
<u>Filling</u>					
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					
<u>Testing</u>					
Prices for filling are to include for all necessary density tests in accordance with SABS 1200D					
<u>Labour Intensive</u>					
All items marked (LI) 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					
<u>STORMWATER CHANNEL DRAINAGE</u>					
<u>Break up and remove mass concrete, etc</u>					
1	100mm Thick aprons and stoeps	m2	69		
<u>Excavation not exceeding 2m deep</u>					
2	Trenches (LI)	m3	1		
3	Over site to reduce levels under stormwater channels (LI)	m3	40		
Carried to Collection				R	
Section No. 3					
Bill No. 4					
STORMWATER DRAINAGE (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Extra over bulk excavations in earth for excavation in</u>				
4	Soft excavations	m3	4		
5	Intermediate material	m3	2		
	<u>Earth filling obtained from the excavations (not compacted)</u>				
6	In prescribed stock piles on site (LI)	m3	42		
	<u>Risk of collapse of excavations</u>				
7	Sides of excavations not exceeding 1,5m deep	m2	44		
	<u>Extra over all excavations for carting away</u>				
8	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor (LI)	m3	42		
	<u>Approved filling of G5 material supplied by the contractor</u>				
9	Under floors, steps, pavings, etc compacted to 95% Modified AASHTO density (LI)	m3	44		
	<u>Keeping excavations free of water</u>				
10	Allow for keeping excavations free of water		Item		
	<u>Weedkiller applied at a rate as indicated by the manufacturer</u>				
11	Under stormwater channels, etc (LI)	m2	494		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 4				
	STORMWATER DRAINAGE (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Compaction of surfaces</u>				
12	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 (LI)	m2	409		
	<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>				
13	Under surface beds (LI)	m2	483		
	<u>20MPa/19mm Reinforced concrete</u>				
14	Stormwater V-channel, cast alternative sections of 1.5m long etc (LI)	m3	40		
15	Edge beam (LI)	m3	18		
16	Strip footings, bases, etc (Provisional) (LI)	m3	1		
	<u>Finishing top surfaces of concrete smooth with a wood float</u>				
17	Dished stormwater channel, slabs, spilling basins, etc to falls and currents	m2	403		
	<u>Rough formwork to sides</u>				
18	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	40		
	<u>Expansion joints with bitumen impregnated soft board between vertical concrete surfaces</u>				
19	10mm Joints not exceeding 300mm wide (Provisional)	m	403		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 4				
	STORMWATER DRAINAGE (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Saw cut joints</u>				
20	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)	m	141		
	<u>Fabric reinforcement</u>				
21	Type 193 fabric reinforcement in concrete V-channels, slabs, etc	m2	409		
	<u>Stormwater scatterer at open end of stormwater channels</u>				
22	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 (LI)	No	11		
	<u>Gabions, etc.</u>				
23	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	No	11		
	<u>Headwalls, etc.</u>				
24	1400mm deep x 1600mm wide x 1200mm high headwall - complete as per engineers' detail	No	1		
	<u>CONCRETE STORMWATER PIPES, ETC.</u>				
	<u>Class 100D concrete pipes with interlocking joints</u>				
25	300mm Pipes laid in and including trenches not exceeding 1m deep	m	15		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 4				
	STORMWATER DRAINAGE (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

26	450mm Pipes laid in and including trenches not exceeding 1m deep	m	68		
27	600mm Diameter culvert	No	5		
	<u>Sumps, catchpits, inspection chambers, etc including concrete kerbs or precast concrete cover slabs (gratings and covers elsewhere)</u>				
28	1200 x 1200mm Brick catchpit not exceeding 1000mm deep internally	No	1		
29	1200 x 1200mm Brick catchpit not exceeding 1000mm deep internally - <i>Partially completed +/-50%</i>	No	2		
30	1200 x 1200mm Brick catchpit not exceeding 1000mm deep internally - <i>Partially completed +/-75%</i>	No	1		
31	1200 x 1200mm Brick catchpit exceeding 1000mm deep but not exceeding 2000mm deep internally - <i>Partially completed +/-85%</i>	No	3		
	<u>Cast iron gratings, covers, etc</u>				
32	450 X 300mm Stormwater grating and frame, "Du Plessis" product no. 2880	No	7		
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in 1:5 mortar in stretcher bond</u>				
33	110mm brick walls (LI)	m2	9		
	<u>Grate bridge</u>				
34	900 x 2080mm Bridge with RS40 rectagrid 25 x 4.5mm with surrounding flat bar frame, including 40 x 40 x 5mm equal angle frame permanently fixed under bridge	No	11		
	<u>DOG BONE STORMWATER CHANNELS</u>				
Carried to Collection					R
Section No. 3					
Bill No. 4					
STORMWATER DRAINAGE (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Excavation in earth not exceeding 2m deep</u>				
35	Trenches (LI)	m3	51		
	<u>Extra over trench and hole excavations in earth for excavation in</u>				
36	Soft excavations	m3	6		
37	Intermediate material	m3	3		
	<u>Earth filling obtained from the excavations (not compacted)</u>				
38	In prescribed stock piles on site (LI)	m3	26		
	<u>Extra over all excavations for carting away</u>				
39	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor (LI)	m3	39		
	<u>Risk of collapse of excavations</u>				
40	Sides of trench and hole excavations not exceeding 1,5m deep	m2	136		
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density</u>				
41	Backfilling to trenches, holes, etc (LI)	m3	41		
	<u>Compaction of surfaces</u>				
42	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	m2	21		
	<u>30MPa/19mm concrete</u>				
43	Strip footings, bases, etc (LI)	m3	4		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 4				
	STORMWATER DRAINAGE (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Test cubes</u>				
44	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	10		
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in 1:5 mortar including brick reinforcement</u>				
45	110mm Brick walls in foundations (LI)	m2	28		
	<u>Galvanised brickwork reinforcement</u>				
46	75mm Wide reinforcement built in horizontally	m	136		
	<u>Precast concrete "Dog Bone" slabs</u>				
47	510 x 150 x 150mm Thick slabs, laid over stormwater channels (channels elsewhere measured)	m	32		
	<u>1:4 Cement plaster screeds steel trowelled, on concrete</u>				
48	Average 45mm thick on floor slab with upper surface to falls (LI)	m2	9		
	<u>TESTING, CONNECTIONS, ETC</u>				
	<u>Testing</u>				
49	Testing the whole of the stormwater system		Item		
	<u>INSPECTIONS, SERVICES AND REPAIRS OF EXISTING</u>				
50	Allow the budgetary allowance of R 50 000.00 (Fifty Thousand Rand only net) for remedial work to stormwater drainage work carried out under previous contract as directed, confirmed by and utilized at the sole discretion of the Principal Agent		Item		50,000.00
Carried to Collection				R	
Section No. 3 Bill No. 4 STORMWATER DRAINAGE (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 5</u>			
<u>RETAINING STRUCTURES (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 116 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Formwork</u>			
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			
Carried to Collection			R
Section No. 3			
Bill No. 5			
RETAINING STRUCTURES, ETC (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

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 (LI) 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

SUBSOIL DRAINAGE

Excavation in earth not exceeding 2m deep

1	Trenches (LI)	m3	21
<u>Extra over bulk excavations in earth for excavation in</u>			
2	Soft excavations	m3	10
3	Intermediate material	m3	5

Carried to Collection

R

Section No. 3

Bill No. 5

RETAINING STRUCTURES, ETC (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Earth filling obtained from the excavations (not compacted)</u>				
4	In prescribed stock piles on site (LI)	m3	21		
	<u>Extra over all excavations for carting away</u>				
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	21		
	<u>Risk of collapse of excavation</u>				
6	Sides of trench and hole excavations not exceeding 1.5m deep	m2	6		
	<u>Keeping excavations free of water</u>				
7	Keeping excavations free of all water		Item		
	<u>Coarse river sand filling supplied by the Contractor</u>				
8	Behind retaining walls	m3	1		
	<u>Approved filling material supplied by the contractor</u>				
9	19mm Stone filling around perforated pipe	m3	21		
	<u>Compaction of surfaces</u>				
10	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	m2	47		
	<u>Geopipe</u>				
11	100mm Diameter perforated drainage pipe laid in 19mm concrete stone encasing (encasing elsewhere) at 1:200 fall	m	104		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 5				
	RETAINING STRUCTURES, ETC (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Geo-textile cloth, etc</u>				
12	Geo-textile (Kaymat14) cloth behind retaining walls and wrapped around 19mm concrete stone encasing	m2	166		
	<u>RETAINING STRUCTURES</u>				
	<u>Open face excavation in earth</u>				
13	To embankment behind retaining blocks including trimming to slope	m3	258		
	<u>Excavation in earth not exceeding 2m deep</u>				
14	Trenches (LI)	m3	168		
15	Holes (LI)	m3	4		
	<u>Extra over bulk excavations in earth for excavation in</u>				
16	Soft excavations	m3	48		
17	Intermediate material	m3	33		
18	Hard rock	m3	18		
19	Class A boulders	m3	12		
20	Class B boulders	m3	5		
	<u>Earth filling obtained from the excavations (not compacted)</u>				
21	In prescribed stock piles on site (LI)	m3	206		
	<u>Extra over all excavations for carting away</u>				
22	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	385		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 5				
	RETAINING STRUCTURES, ETC (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	Risk of collapse of excavation			
23	Sides of trench and hole excavations not exceeding 1.5m deep	m2	412	
	<u>Earth filling (G6) supplied by the contractor, compacted to 93% Mad AASHTO density</u>			
24	To form embankments for retaining structure	m3	269	
	<u>Coarse river sand filling supplied by the Contractor</u>			
25	Behind retaining walls	m3	20	
	<u>Approved filling material supplied by the contractor</u>			
26	19mm Stone filling around perforated pipe	m3	40	
	<u>Compaction of surfaces</u>			
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% Mod AASHTO density	m2	108	
	<u>10MPa/13mm Concrete</u>			
28	Surface blinding under footings and bases (LI)	m3	2	
	<u>25MPa/19mm Reinforced concrete</u>			
29	Strip footings (LI)	m3	27	
	<u>35MPa/19mm Reinforced concrete</u>			
30	Walls	m3	13	
31	Stairs including landings, etc (LI)	m3	5	
	Carried to Collection			R
	Section No. 3			
	Bill No. 5			
	RETAINING STRUCTURES, ETC (PROVISIONAL)			
	ProQS			
	Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Lightweight concrete</u>				
32	100 x 100mm Triangular fillets against walls etc	m	22		
	<u>Smooth formwork to sides</u>				
33	Raking sides of stairs	m2	5		
34	Inner face of retaining walls flush with perimeter of concrete structure (total wall height exceeding 2m and not exceeding 4m)	m2	44		
35	Outer face of retaining walls flush with perimeter of concrete structure (total wall height exceeding 2m and not exceeding 4m)	m2	44		
36	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	17		
	<u>Expansion joints with bitumen impregnated soft board between vertical concrete surfaces</u>				
37	3mm Masonite board (Provisional)	m2	30		
38	10mm Joints not exceeding 300mm wide (Provisional)	m	11		
39	10mm Softboard (Provisional)	m2	30		
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in 1:5 mortar in stretcher bond</u>				
40	220mm Brick walls in foundations (LI)	m2	2		
41	220mm Brick walls (LI)	m2	16		
Carried to Collection				R	
Section No. 3					
Bill No. 5					
RETAINING STRUCTURES, ETC (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Face bricks to be "Corobrik Midrand FBX", in colour "Roan Imperial" in stretcher bond, pointed with recessed horizontal and vertical joints</u>		
42	Extra over brickwork for face brickwork (LI)	m2	16
	<u>Brickwork reinforcement</u>		
43	150mm Wide reinforcement built in horizontally	m	48
	<u>Brick-on-edge header course copings, sills, etc NFX bricks, pointed with recessed joints on all exposed faces</u>		
44	220mm Copings on top of one brick walls	m	16
	<u>uPVC flexible pipes</u>		
45	50mm Diameter weephole pipe laid in concrete encasing (encasing elsewhere) laid at 2000mm centres	m	94
	<u>Geopipe</u>		
46	100mm Diameter perforated drainage pipe laid in 19mm concrete stone encasing (encasing elsewhere) at 1:200 fall	m	188
	<u>One layer 375 (500) micron orange polyethylene waterproof sheeting (SANS 952-1985 type A) sealed at laps with PVC self-adhesive tape</u>		
47	Vertically behind wall	m2	277
48	Geotextile (Kaymat14) cloth behind retaining walls and wrapped around 19mm concrete stone encasing	m2	200
	<u>Mild steel reinforcement to structural concrete work</u>		
49	12mm Diameter bars	t	1.77

Carried to Collection

R

Section No. 3

Bill No. 5

RETAINING STRUCTURES, ETC (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>High tensile steel reinforcement to structural concrete work</u>			
50	16mm Diameter bars	t	1.32	
	<u>INTERLOCKING PLANTER BLOCKS</u>			
	<u>Precast concrete interlocking planter blocks finished smooth on exposed surfaces</u>			
51	Retaining structures with stepped face and curve as required to suit slopes, type "L500" interlocking planter blocks laid with horizontal bed joints, including average 500mm thick compacted earth filling behind blocks and filling blocks	m2	233	
	<u>Gabions, etc.</u>			
52	Reno Mattresses 1000mm long x 1000mm wide x 1000mm 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	No	90	
53	Reno Mattresses 500mm diameter Sausage gabion beam 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	No	30	
	<u>BALUSTRADING, ETC.</u>			
	<u>Wooden Balustrading</u>			
54	Balustrade 1200mm high complete	m	100	
	<u>LANDSCAPING (EMBANKMENTS)</u>			
	Carried to Collection			
	Section No. 3 Bill No. 5 RETAINING STRUCTURES, ETC (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Item No		Quantity	Rate	Amount R
	<u>BILL No. 6</u> <u>FENCING, ETC (PROVISIONAL)</u> <u>(CPAP WORK GROUP NO. 136 UNLESS OTHERWISE STATED)</u> For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009' <u>SUPPLEMENTARY PREAMBLES</u> <u>Proprietary items or materials</u> Proprietary items or materials, where specified, are to be of the brand specified - or other similar approved - by the client or the client's agent <u>Descriptions</u> Descriptions of bolts shall be deemed to include nuts and washers <u>SITE WORKS</u> <u>Site Clearance</u> 1 Allow for all necessary clearing of fence line including grubbing up and removal of scrub bush and trees not exceeding 200mm girth <u>THE FOLLOWING IN CLEARVU OR EQUIVALENT APPROVED SECURITY BARRIER FENCING SYSTEM (CATEGORY TYPE 3, CV22)</u>	m	92	
	Carried to Collection Section No. 3 Bill No. 6 FENCING (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024		R	

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Hot dipped galvanised taper locking posts set in exact position in concrete (excavation and concrete base elsewhere measured), including UV stabilized polymer cap. Post to be green in colour</u>				
2	3000mm Long 85 x 45 x 85mm post including Locking Recess Mechanism	No	94		
	<u>AluGalv coated mesh panels, fixed between posts strictly in accordance with the manufacturer's specifications</u>				
3	Panel size 3300mm wide x 1800mm high, formed with 3.5mm diameter wired mesh with aperture size 76.2 x 12.7mm, each panel reinforced with four 50mm deep 'V' formation horizontal recessed bands (anti-scale post bracket), two 75mm 70-degree flanges along both sides, two flanges 30-degree top and toe embedded in concrete ground beam (elsewhere measured), including all necessary single and double bolt clamps and mechanically galvanised Tech bolts, etc. complete	No	36		
4	Extra over the mesh panel for an additional 600mm bitumen painted panel along bottom in 600mm deep excavation in earth (excavation and backfilling elsewhere measured)	No	36		
	<u>Hot dipped galvanised 'Castle Spike' spikes fixed along top of mesh panel strictly in accordance with the manufacturer's specifications</u>				
5	100mm High x 1650mm long spike unit	No	204		
	<u>Anti-Burrow Barbed and razor wire</u>				
6	600mm Diameter anti-burrowing fully galvanised steel ripper flatwrap secured to panel's lower edge integrated angle, including 3,15mm galvanised straining wires, excavations, backfilling, compaction, etc. complete as per Manufactures Specification.	m	92		
	Carried to Collection			R	
	Section No. 3				
	Bill No. 6				
	FENCING (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

<u>The following in 25Mpa/19mm concrete in bases, ground beams, etc projecting 50mm above ground level, and shaped on top</u>					
7	Unreinforced concrete fence post base size 600 x 600 x 400mm deep, including all necessary excavation, formwork, etc	No	94		
<u>Sundries:</u>					
8	Bolts	kg	10		
9	Concrete (Class D) gate stop 280mm wide x 380mm long x 215mm high with and including two 25mm diameter x 80mm long galvanised pipe bolt sockets welded to 200 x 80 x 6mm thick galvanised mild steel gate stopper and three splayed lugs, all casted into concrete including all necessary formwork, excavations, etc.	No	5		
<u>GATES, ETC</u>					
<u>AluGalv coated mesh panels, fixed between posts strictly in accordance with the manufacturer's specifications</u>					
10	Single pedestrian gate 1100 x 2400mm high overall, formed with 60 x 40 x 3mm hollow section gate surround and two 30 x 3mm flat section intermediate rails holed for seven 12 x 12mm square solid metal sections to pass through at 120mm centres welded to frame with and two 25 x 25 x 3mm thick mild steel angle sections clad with "AluGalv" coated mesh, fitted with "Castle Spike" spikes to top rail all to match "Clearvu Type" fence welded to gate surround, fitted and including hinges, locking device, etc. complete	No	3		
Carried to Collection				R	
Section No. 3					
Bill No. 6					
FENCING (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

INSPECTIONS, SERVICES AND REPAIRS OF EXISTING

15 Allow the budgetary allowance of R 50 000.00 (Fifty Thousand Rand only net) for remedial work to fencing work carried out under previous contract as directed, confirmed by and utilized at the sole discretion of the Principal Agent

Item 50,000.00

Carried to Collection

R

Section No. 3
Bill No. 6
FENCING (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Item No		Quantity	Rate	Amount R
<u>BILL No. 7</u>				
<u>SITE SIGNAGE (PROVISIONAL)</u>				
<u>(CPAP WORK GROUP NO. 132 UNLESS OTHERWISE STATED)</u>				
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Proprietary items or materials</u>				
Proprietary items or materials, where specified, are to be of the brand specified - or other similar approved - by the client or the client's agent				
<u>SIGNAGE</u>				
<u>Site Signage</u>				
1	Allow the Provisional Sum of R40 000-00 (Forty Thousand Rand) for site signage	Item		40,000.00
2	Allow for profit	Item		
3	Allow for attendance	Item		
<u>SIGNWRITING</u>				
<u>Suitable paint on plaster, metal, wood or glass</u>				
4	Numeral or letter 200mm high	No	26	
Carried Forward to Summary of Section No. 3				R
Section No. 3 Bill No. 7 SIGNAGE (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024				

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

SECTION SUMMARY - EXTERNAL WORK		Page No	Amount R	
Bill No				
1	BULK EARTHWORKS, ETC. (PROVISIONAL)	152		
2	ROADWORKS, PARKING AREAS, PAVINGS, ETC (PROVISIONAL)	160		
3	WATER SUPPLY AND SITE DRAINAGE (PROVISIONAL)	173		
4	STORMWATER DRAINAGE (PROVISIONAL)	182		
5	RETAINING STRUCTURES, ETC (PROVISIONAL)	192		
6	FENCING (PROVISIONAL)	198		
7	SIGNAGE (PROVISIONAL)	199		
Carried to Final Summary			R	
Section No. 3				
ProQS				
Provisional BOQ - 1 August 2024				

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 1</u>			
<u>LP GAS AND VENTILATION (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 160 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
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.			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Specifications, drawings, etc</u>			
Tenderers are advised to study the General Specification before pricing this bill			
Carried to Collection			R
Section No. 4			
Bill No. 1			
LP GAS INSTALLATION (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

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

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

LP GAS INSTALLATION

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.

Copper tube and fittings as per SANS 460

1	22 mm diameter pipe	m	701
2	22 mm diameter fittings	No	256

VALVES

3	Stainless steel ball valves	No	58
4	Shut-off valve	No	67

Carried to Collection

R

Section No. 4
Bill No. 1
LP GAS INSTALLATION (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

EQUIPMENT

The LP Gas Installation to be installed by a SPECIALIST LP Gas Installation Contractor registered in compliance with SANS 087.

The LP Gas Installation to be in compliance with SANS 087.

5	Hot dipped galvanised gas cage	No	20
6	50mm brass padlock with 3 keys	No	20
7	200 x 200mm plastic warning signs fixed	No	20
8	2 x 1 manual change-over LPG manifold incorporating regulator	No	20
9	Manual change over valve	No	29
10	HP Regulator and Pressure Gauge	No	29
11	Low pressure regulator	No	29
12	Hose tail	No	29
13	48 Kg Gas cylinder filled	No	58
14	Allowance for hose, clamps, saddles etc		Item
15	Allowance for gas installation to equipment		Item
<u>SUNDRIES</u>			
16	Commissioning		Item
17	12 month guarantee		Item
18	3 minor services (1 every 3 months)		Item

Carried to Collection

R

Section No. 4

Bill No. 1

LP GAS INSTALLATION (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 2</u>			
<u>HOT WATER INSTALLATION (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 104 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Proprietary items or materials</u>			
Proprietary items or materials where specified are to be of the brand specified - or other approved - by the client or the client's agent			
<u>Specifications, drawings, etc</u>			
Tenderers are referred to the specifications Ref 300225 NM HW and drawings numbered WIMS 065794 prepared by Isimo Engineers (Pty) Ltd, accompanying these bills of quantities for the mechanical work, for the full descriptions of the following items which are to be read and priced in conjunction with the said specification and drawings			
Carried to Collection			R
Section No. 4			
Bill No. 2			
HOT WATER INSTALLATIONS (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Vendors shall meet or exceed the requirements of the latest of codes, regulations and standards. In case where more than one code, regulation or standards apply to the same condition, the most stringent shall be followed. In the event of a conflict between the project specification and other specification or correspondence, the Engineer shall be consulted and a ruling in writing shall be obtained before any installation work is started

All radiators shall comply with the following, EN: EURONORM 442, ISO 9001, ISO 14001 and OHSAS 18001 and installation must comply with SANS 10400 - V: Space Heating and other related codes, regulations and standard

Only a competent person who is qualified by virtue of his education, training, experience and contextual knowledge to make a determination the performance of the building, is allowed to install

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

PIPES, ETC

Supply and install class 2 copper water piping in accordance with SANS 460 including mounting brackets, supports all as specified and as per drawings

1	15 mm diameter	m	2,226
---	----------------	---	-------

Carried to Collection

R

Section No. 4
Bill No. 2
HOT WATER INSTALLATIONS (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

2	22 mm diameter	m	1,432
3	28 mm diameter	m	490
4	35 mm diameter	m	308
5	54 mm diameter	m	102

LAGGING**Lagging for all hot water pipes - 25 mm thick as specified**

6	15 mm diameter pipe	m	2,226
7	22 mm diameter pipe	m	1,050
8	28 mm diameter pipe	m	452
9	35 mm diameter pipe	m	184

External cladding and lagging for all external hot water pipes - specified for

10	22 mm diameter	m	382
11	28 mm diameter pipe	m	38
12	35 mm diameter pipe	m	72
13	54 mm diameter pipe	m	24

FITTINGS, ETC**Supply and install class 2 copper water piping in accordance with SANS 460 including mounting brackets, supports all as specified and as per drawings**

Carried to Collection

R

Section No. 4

Bill No. 2

HOT WATER INSTALLATIONS (PROVISIONAL)

ProQS**Provisional BOQ - 1 August 2024**

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Ball Valves</u>				
29	15 mm diameter	No	436		
30	22 mm diameter	No	127		
31	28 mm diameter	No	32		
32	35 mm diameter	No	10		
33	54 mm diameter	No	24		
	<u>3-way Expansion Valves</u>				
34	15 mm diameter	No	23		
35	22 mm diameter	No	32		
36	28 mm diameter	No	16		
	<u>Non-return valves</u>				
37	15 mm diameter	No	45		
38	22 mm diameter	No	45		
39	28 mm diameter	No	12		
40	35 mm diameter	No	12		
41	54 mm diameter	No	4		
	<u>Pressure reducing valve</u>				
42	22 mm diameter	No	18		
43	28 mm diameter	No	3		
44	54 mm diameter	No	2		
	Carried to Collection			R	
	Section No. 4				
	Bill No. 2				
	HOT WATER INSTALLATIONS (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Strainers

45	22 mm diameter	No	15
46	28 mm diameter	No	5
47	54 mm diameter	No	4

Safety Valves

48	15 mm diameter	No	21
49	22 mm diameter	No	17
50	28 mm diameter	No	5
51	35 mm diameter	No	4
52	54 mm diameter	No	4

DOMESTIC HOT WATER EQUIPMENT**Circulating pumps complete with control panels, flow switches, electrical connections all as specified**

53	Circulating pump - 0,2 l/second	No	50
54	Circulating pump on radiator supply	No	4

Primary circulating pumps complete with control panels, flow switches, electrical connections all as specified

55	Primary circulating pump	No	8
----	--------------------------	----	---

Low ambient hot water heat pump unit complete with all supports, anti-vibration mounts, control panel and control system, electrical connections, safeties and all as specified

56	Heat pump - heating capacity 3.5 kW	No	14
----	-------------------------------------	----	----

Carried to Collection

R

Section No. 4

Bill No. 2

HOT WATER INSTALLATIONS (PROVISIONAL)

ProQS**Provisional BOQ - 1 August 2024**

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

57	Heat pump - heating capacity 5.0 kW	No	8		
58	Heat pump - heating capacity 15 kW	No	4		
	<u>Galvanised storage vessel complete 10.5kW backup heating element, central heating coil, sockets, gauges, drains, supports, lagging and cladding, safety valves and rigged into position as specified</u>				
59	850 litre storage vessel	No	4		
	<u>Storage geyser c/w 3KW backup element, heat exchanger, drains, supports, lagging and cladding, safety valves and rigged into position as specified</u>				
60	200 litre storage	No	15		
61	250 litre storage	No	7		
	<u>Central Heating Radiators c/w anti-vibration mounts, control system, safeties and all as specified</u>				
62	SH 1 - 1.0 KW Heating	No	22		
63	SH 2 - 1.5 KW Heating	No	32		
64	SH 3 - 2.0 KW Heating	No	38		
65	SH 4 - 2.5 KW Heating	No	9		
66	Expansion tank as specified	No	26		
	<u>CONTROLS</u>				
67	Master Programmable Controller c/w all wiring as specified	No	25		
68	Room Temperature Regulating valve as specified	No	83		
	Carried to Collection				
	Section No. 4				
	Bill No. 2				
	HOT WATER INSTALLATIONS (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

R

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

SUNDRIES

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 1</u>			
<u>LOW TENSION DISTRIBUTION (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 162 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Project specification and drawings</u>			
Tenderers are referred to the project specifications and drawings numbered 11-35-01 to 11-35-68 accompanying these bills of quantities for the electrical work, for the full descriptions of the following items which are to be read and priced in conjunction with the said specifications and drawings. All work shall be done strictly in accordance with specifications and Manufacturer's instructions and leave in perfect working order after completion.			
Carried to Collection			R
Section No. 5			
Bill No. 1			
LOW TENSION DISTRIBUTION (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Quality specification

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

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

Carried to Collection

Section No. 5
Bill No. 1
LOW TENSION DISTRIBUTION (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

R

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Labour Intensive

All items marked (LI) 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

ELECTRICAL SUPPLY CONNECTION**Eskom connection**

- | | | | | |
|---|--|------|--|--|
| 1 | Allow a provisional amount of R 50,000.00 (Fifty Thousand Rand) for Supplementary Eskom supply upgrade | Item | | |
| 2 | Add for profit | Item | | |
| 3 | Allow for attendance | Item | | |

DISTRIBUTION BOARDS

Supply, install and connect in position, complete with all busbar work, switchgear terminals, wiring, etc., labelling, legend card, test and commission as per the General and Detailed Specifications and as indicated on the attached Tender Drawings.

NOTE : Tenderer to submit layout drawings of DBs prior to manufacture

- | | | | | |
|---|---|------|---|--|
| 4 | Allow for re-tracing and re-label Kiosks A, C, G and H, confirming cable sizes for terminations and joints if required (Work carried out under previous contract) | Item | | |
| 5 | Trace and mark up DB drawings 11-35-35 to 11-35-56, to determine correct cable sizes and feeder circuits breaker sizes etc | Item | | |
| 6 | Allow for carrying out any remedial work required for the work carried out under the original contract for the relocating of Distribution Kiosk H complete | No | 1 | |

Carried to Collection

R

Section No. 5

Bill No. 1

LOW TENSION DISTRIBUTION (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

7	Provide a PC (Proven Cost) sum of R 2,000.00 (Two Thousand Rand) for a new base plinth (to the engineers approval) for Kiosk H, Existing plinth is approximately 1m by 0.75m by 0.2m deep.	No	1		
8	Profit		Item		
9	Provide a PC (Proven Cost) sum of R 35,000.00 (Thirty Five Thousand Rand) for replacing Distribution Kiosk G including all switchgear and cable joints, and connections, on existing base plinth, and IP65 weatherproof enclosure for Kiosk G	No	1		
10	Profit		Item		
11	Supply and install a new IP 65 rated Distribution Kiosk I, including a new base plinth (to the engineers approval), as detailed on Drawing 11-35-68	No	1		
12	In Kiosk A and C, replace 60A DP isolator with SPMCB for circuit wire size, install 8 blanks in Kiosks A and C, and replace 12 off weather damaged MCBs (Max size 60A SPMCBs), and 4 off TPCB (Max size 100A) in Kiosk H and A.		Item		
13	Replace existing A24 surface DB with a new Surface mounted DB, as detailed on Drawing 11-35-60.	No	1		
14	Replace existing A2 flush DB with a new flush DB, as detailed on Drawing 11-35-41.	No	1		
15	Replace existing A2A surface DB with a new flush DB, as detailed on Drawing 11-35-42.	No	1		
16	Replace existing A3 flush DB with a new flush DB, as detailed on Drawing 11-35-43.	No	1		
17	Replace existing A3A surface DB with a new flush DB, as detailed on Drawing 11-35-44.	No	1		
Carried to Collection				R	
Section No. 5					
Bill No. 1					
LOW TENSION DISTRIBUTION (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

18	Replace existing A15 flush DB with a new flush DB, as detailed on Drawing 11-35-55.	No	1		
19	Replace existing A15A surface DB with a new flush DB, as detailed on Drawing 11-35-56.	No	1		
20	Replace existing A16 flush DB with a new flush DB, as detailed on Drawing 11-35-57..	No	1		
21	Replace existing A16A surface DB with a new flush DB, as detailed on Drawing 11-35-58.	No	1		
22	Replace existing A4 surface DB with a new flush DB, as detailed on Drawing 11-35-45.	No	1		
23	Replace existing A14 flush DB with a new flush DB, as detailed on Drawing 11-35-54.	No	1		
24	Replace existing A7 flush DB with a new flush DB, as detailed on Drawing 11-35-47.	No	1		
25	Replace existing surface A7.1 DB with a new surface weatherproof DB, as detailed on Drawing 11-35-48.	No	1		
26	Replace existing A8 flush DB with a new flush DB, as detailed on Drawing 11-35-49.	No	1		
27	Replace existing A9 flush DB with a new flush DB, as detailed on Drawing 11-35-50.	No	1		
28	Replace existing surface A25 DB with a new flush DB, as detailed on Drawing 11-35-61.	No	1		
29	Replace existing A26 flush DB with a new flush DB, as detailed on Drawing 11-35-62.	No	1		
Carried to Collection					R
Section No. 5					
Bill No. 1					
LOW TENSION DISTRIBUTION (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

30	Supply and install new IP65 surface DBs for Hot Water supply for New Staff Accommodation as detailed on Drawings 11-35-67. 69, 70 and 73.	No	4		
31	Supply and install new flush three phase DB S1 for New Staff Accommodation as detailed on Drawing 11-35-63 and 71.	No	2		
32	Supply and install new flush three phase DB S2 for New Staff Accommodation as detailed on Drawing 11-35-64 and 72.	No	2		
33	Supply and install new flush three phase DB S3 for New Staff Accommodation as detailed on Drawing 11-35-65, and 75.	No	2		
34	Supply and install new flush three phase DB S4 for New Staff Accommodation as detailed on Drawing 11-35-66.	No	2		
35	Supply and install new 200A, 20kA, 3 phase CB in existing Main Non Essential DB, as CBI or other approved. To supply New Staff Accommodation Buildings Kiosk I. Fault level to be checked after Eskom upgrade.	No	1		
36	Replace switchgear for DB A6 as detailed in Drawing 11-35-46	No	1		
37	Supply and install a new door for DB A6 (approximate size of a 3 by 26 way DB - to be measured on site and fabricated if necessary).	No	1		
38	Replace switchgear for DBs A10, A11 or A12 as detailed in Drawings 11-35-51, 52 and 53.	No	3		
39	Supply and install a new DB cover for DB A10or A11 or A12 (approximate size of a 36 way DB - to be measured on site and fabricated if necessary).	No	1		
Carried to Collection				R	
Section No. 5					
Bill No. 1					
LOW TENSION DISTRIBUTION (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Terminations for 600/1000V PVC/PVC/SWA/PVC copper cables</u>				
52	2.5mm ² x 2-core, ECC	No	1		
53	4mm ² x 2-core, ECC	No	12		
54	6mm ² x 2-core, ECC	No	2		
55	10mm ² x 2-core, ECC	No	30		
56	16mm ² x 2-core, ECC	No	8		
57	25mm ² x 2-core, ECC	No	1		
58	25mm ² x 4-core, ECC	No	2		
59	50mm ² x 2-core, ECC	No	2		
60	35mm ² x 4-core, ECC	No	1		
61	70mm ² x 4-core, ECC	No	12		
	<u>Cable joints</u>				
62	2.5mm ² x 2-core, ECC, CABLE JOINT	No	7		
63	4mm ² x 2-core, ECC, CABLE JOINT	No	1		
	Carried to Collection			R	
	Section No. 5				
	Bill No. 1				
	LOW TENSION DISTRIBUTION (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

64	6mm ² x 2-core, ECC, CABLE JOINT	No	1		
65	10mm ² x 2-core, ECC, CABLE JOINT	No	4		
66	16mm ² x 2-core, ECC, CABLE JOINT	No	3		
67	25mm ² x 2-core, ECC, CABLE JOINT	No	1		
<u>SLEEVES</u>					
<u>uPVC sleeve piping including short lengths and jointing, laid in trench (trenching, backfilling and compaction allowed for elsewhere), or in floor slab</u>					
68	32mm Diameter Pipe	m	200		
69	32 mm Long Radiused Bends	No	16		
70	50mm Diameter Pipe	m	20		
71	50 mm Long Radiused Bends	No	4		
<u>TRENCHING AND BACKFILLING</u>					
<u>Excavate and backfill as specified including sifted soil for Intermediate and Hard Rock excavation, and compact.</u>					
72	Soft excavation (LI)	m3	150		
73	Intermediate excavation (LI)	m3	50		
Carried to Collection				R	
Section No. 5 Bill No. 1 LOW TENSION DISTRIBUTION (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

74	Cable warning tape laid 150mm below ground level in cable trench.	m	1,135		
75	Concrete Cable Markers	No	25		
<u>CABLE TRACING</u>					
<u>Approved cable tracer with proper cable tracing equipment (method and equipment to be approved by the Engineer PRIOR to coming on site) to trace and locate all cabling that will be affected by this project in terms of safety and making contingency plans to relocate cables. This includes :</u>					
1. Any building work and road works					
2. Any cable routes and duct routes as identified on the Electrical Site Plan.					
3. Any water pipe and sewer/storm water routes as can be identified from the Civil Engineer's plans. (This is mainly from the new Pump House to the proposed new boreholes)					
76	Any cables identified shall be marked with a standard coloured wooden surveyor's peg driven into the ground and the positions of these pegs and cable direction shall be marked accurately on a copy of their Electrical Site Plan			Item	
<u>AREA LIGHTING</u>					
<u>Supply and install the following area lighting including any fixings and sundries required. Street light cabling and terminations allowed for elsewhere.</u>					
77	Daylight switch as per National or other approved, including IP65 rated polycarbonate enclosure with deep clear screw lid.	No	5		
Carried to Collection				R	
Section No. 5					
Bill No. 1					
LOW TENSION DISTRIBUTION (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

78	20A DP isolator, and 5A SPCB, including gear tray in new IP 65 rated 100mm by 200mm junction box fixed to existing pole	No	5		
79	Clean and service existing flood light, replace metal halide lamp and re-install.	No	9		
80	Supply and install LED Flood, as BEKA FED Flood Midi 70W, including mounting bracket and fixings, on treated pole, at 6 m AGL. Cabling and termination measured elsewhere	No	12		
81	Supply and install 8m treated wooden pole for area lighting, including all fixings for cabling and junction box. Allow for at least 1m buried below ground in a backfilled and compacted hole per pole.	No	12		
<u>MISCELLANEOUS</u>					
82	"Ski Rope" as draw wires in Telkom and Data ducts	m	40		
83	Make good on tar road crossings for 300mm wide excavations	m	30		
84	Supply and install HA1 padlocks, complete with 1 key PER lock. ALL keys to fit ALL padlocks.	No	4		
85	IP65 rated 60A DP Isolators for Hot Water Plant for New Accommodation	No	20		
86	Liaison with Hospital Maintenance Staff, to ensure timeous connection/disconnection of power supply and to communicate actual required cable routes, etc.		Item		
Carried to Collection				R	
Section No. 5					
Bill No. 1					
LOW TENSION DISTRIBUTION (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>DISMANTLING</u>				
87	Dismantle existing redundant street light poles and return to Hospital Maintenance. Cabling to be scrapped.	No	15	
<u>GUARANTEE AND MAINTENANCE</u>				
88	Guarantee the efficient and safe working of the whole installation for 12 months after hand over of the completed works to the department.		Item	
<u>COMMISSIONING</u>				
89	Test and compliance Kiosks A, C, D, F, G, H, I and provide Certificates of Compliance. Assume that there are no existing COCs available for these kiosks.	No	1	
<u>AS-BUILT DRAWINGS</u>				
90	Allow for providing a detailed set of marked up "As-built" drawings of the complete installation (all sections) to the Engineer.		Item	
Carried to Collection				
Section No. 5 Bill No. 1 LOW TENSION DISTRIBUTION (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024				R

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 2</u>			
<u>LIGHTING AND SMALL POWER (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 160 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Project specification and drawings</u>			
Tenderers are referred to the project specifications and drawings numbered 11-35-01 to 11-35-68 accompanying these bills of quantities for the electrical work, for the full descriptions of the following items which are to be read and priced in conjunction with the said specifications and drawings. All work shall be done strictly in accordance with specifications and Manufacturer's instructions and leave in perfect working order after completion.			
Carried to Collection			R
Section No. 5			
Bill No. 2			
LIGHTING AND SMALL POWER (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Quality specification

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

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

Carried to Collection

R

Section No. 5
Bill No. 2
LIGHTING AND SMALL POWER (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Labour Intensive

All items marked (LI) 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

CONDUITS**Rigid PVC Conduit**

Surface mounted to brickwork, concrete, steel, wood, roof members, etc not exceeding 3000mm above floor level, cutting, bending, waste, cleaned and ready for cables and supported on galvanised spacer saddles fixed at maximum 1m centres.

1	20mm Diameter	m	3,000
2	20mm Diameter, chased into wall, including chasing	m	1,000
3	20mm Diameter, built into brickwork	m	2,750
4	Make good on chased conduit	m	1,250

Galvanised steel conduit

Supply and install GALVANISED conduit including PVC ends, cutting, bending, waste, cleaned and ready for cables and supported on galvanised spacer saddles fixed at maximum 1m centres.

5	20mm Diameter	m	600
6	Extra over, IP65 rated UT2 fixed lid draw.	No	11
7	Round galvanised outlet boxes of the number of ways required. As draw/tee boxes.	No	2

GALVANISED DRAW WIRES

Carried to Collection

R

Section No. 5

Bill No. 2

LIGHTING AND SMALL POWER (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Supply and install galvanised draw wires cut into relevant lengths and installed into conduits and sleeves (for Telkom and data).</u>				
8	1.2mm ²	m	675		
	<u>CONDUCTORS</u>				
	<u>PVC insulated stranded copper earth conductor drawn into wireways</u>				
9	1,5 mm ²	m	11,500		
10	2,5 mm ²	m	18,000		
11	4 mm ²	m	7,500		
12	6 mm ²	m	155		
13	10 mm ²	m	330		
	<u>LIGHT SWITCHES, SWITCHED SOCKET OUTLETS, ISOLATORS ETC</u>				
	<u>Switches, etc. complete with engraved/labelled cover plate fixed in 100x50mm galvanised flush box, and including flush box.</u>				
14	16A One-lever one-way switch unit	No	199		
15	16A Two-lever one-way switch unit.	No	28		
16	16A One-lever two-way switch unit	No	61		
17	16A Two-lever (one-way plus two-way) switch unit.	No	76		
	Carried to Collection			R	
	Section No. 5				
	Bill No. 2				
	LIGHTING AND SMALL POWER (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

18	16A 1 lever 1 way, Industrial, SURFACE MOUNTED, including white metalclad enclosure.	No	2		
19	16A One-lever intermediate switch unit	No	10		
	<u>Switched socket outlets, etc complete with engraved/labelled cover plate fixed in a 100x100mm galvanised flush box and including flush box</u>				
20	16A Three-pin single switched socket outlet, with white cover	No	237		
21	16A Three-pin double switched socket outlet, with white cover, one Euro socket, one three pin socket outlet	No	266		
22	16A Three-pin double switched socket outlet, with white cover	No	104		
23	16A Three-pin double switched socket outlet, INDUSTRIAL in lockable IP65 enclosure	No	7		
24	Surface-mount, 63 A Double Pole Isolator complete, in lockable IP65 rated enclosure	No	25		
25	20A Double Pole Industrial isolator	No	25		
26	60A Double Pole Industrial isolator	No	19		
	Carried to Collection			R	
	Section No. 5				
	Bill No. 2				
	LIGHTING AND SMALL POWER (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

27	Extra over, 100 x 100mm galvanised flush mounted outlet box, with labelled cover as telephone draw box etc.	No	14		
28	Extra over, 100 x 100mm galvanised surface mounted outlet box, with labelled cover as tel. draw box etc.	No	17		
29	Extra over, 100 x 50mm galvanised flush mounted outlet box, with labelled cover as draw box etc.	No	2		
<u>LUMINARIES AND EQUIPMENT</u>					
<u>Supply and install luminaries or equipment complete with lamps, connections, etc mounted in position</u>					
30	Type A1 : Surface mounted decorative fluorescent fitting with rounded corner end caps and single piece prismatic diffuser, complete with electronic control gear and 2x 28W Tri phosphor cool white tubes, as SW/ILM/PRO/SFC/RCE/228/ECG or Lihlelight MEC/228/ELB, or other approved.	No	210		
31	Type A2 : Surface mounted, IP65 rated Dust Proof, fluorescent fitting with strengthened mounting studs and high impact acrylic diffuser, complete with electronic control gear, stainless steel clips and 2 x 28W Tri phosphor cool white tubes, as SW/ILM/INV/DIH/228 ECG, or other approved.	No	60		
Carried to Collection				R	
Section No. 5 Bill No. 2 LIGHTING AND SMALL POWER (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

32	Type B1 : Surface mounted IP65 rated fluorescent Round Bulkhead fitting, SW/ILM/MAS/SOL/2PL18 or LIH/MONTE CRISTO/99-0701/2PL18, complete with 2 x 18Watt PL lamps, separate ballast per lamp, opal polycarbonate diffuser, die cast aluminium body with white or black trim ring (external wall mounted) and stainless steel captive screws or other approved. .	No	301		
33	TYPE F1: IP66 rated 59W 24 LED die-cast aluminium Medium Beam Floodlight as BEKA LEDflood 59W, complete with hot-dip galvanised stirrup mounting bracket, suitable for the aiming angles indicated, or other approved, including control gear and LED lamps. Finish to be unpainted Aluminium.	No	8		
34	Type EXIT : Exit Light, wall mount or ceiling mount emergency maintained-mode, self-test 7W LED Exit sign as Aurora AU-PLEMLED21 or AU-PLEMLED22, complete with 3 hour battery backup, 7W LED lamp and complete with running man and arrow sign (directions to be confirmed), or other approved.	No	14		
35	Daylight switch as per National or other approved, including IP65 rated polycarbonate enclosure with deep clear screw lid.	No	13		
36	Surface mounted 360° infra red motion/occupancy sensor for operation with lighting as indicated on the drawings. Motion detection speed of 0.6 to 1.5m/sec and a 5secs to 30min adjustable time delay, with minimum rating of 1kW (switching to minimum 2 kW) and with Auto/Off/Manual override switch.	No	95		
Carried to Collection				R	
Section No. 5					
Bill No. 2					
LIGHTING AND SMALL POWER (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

37	Extra over, 5A 3-pin socket outlet, complete with galvanised round outlet box of the number of ways required, fixed surface or flush mounted.	No	2		
38	Extra over, 50mm round galvanised outlet box for 20mm conduit, with dome lid and No.0 compression gland as a cordgrip outlet, in ceiling void or in brickwork.	No	7		
39	Extra over, 50mm round PVC box for 20mm conduit fixed in soffit, in ceiling void or flush in brickwork.	No	410		
<u>WIRING CHANNELS</u>					
<u>Supply and install hot-dipped galvanised steel wiring trunking, including cover plates where indicated, splice and all other items necessary to form a complete installation. Suspended or fixed to steel roof structure fixed to underside of concrete slab in ceiling void. All unistrut cuts to be cleaned and de-burred and touched with "cold galv".</u>					
40	127x127mm galvanised trunking as P9000 or OL9000, built into brickwork, including cover.	m	5		
41	P9000/OL9000 end caps	No	1		
<u>MISCELLANEOUS</u>					
42	RJ 11 Telephone Outlet, complete with cover plate and fixed in flush galvanised 100x50mm outlet box.	No	15		
Carried to Collection				R	
Section No. 5 Bill No. 2 LIGHTING AND SMALL POWER (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024					

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>COMMISSIONING</u>			
43	Test and compliance 35 off Distribution Boards and provide Certificates of Compliance. Assume that there are no existing COCs available for these DBs.	No	35
<u>EARTHING AND BONDING</u>			
44	Allow for bonding DBs (35 off) to trunking and wire trays, cold water, hot to cold water pipes, roof and steel building structures, gutters and downpipes, all as required by the applicable regulations and the Engineer's specifications		Item
<u>DISMANTLING AND RE-FIXING</u>			
45	Allow for dismantling and returning to Hospital, 150 light fittings, 120 light switches, 140 socket outlets, 15 isolators, 30 distribution boards, 3000 linear meters of conduit with wiring.		Item
46	Allow for dismantling and re-fixing: 10 satellite dishes		Item
47	Allow for making safe and dismantling all electrical fittings to return to hospital for 6 accommodations of 100 square meters average size		Item
Carried to Collection			R
Section No. 5			
Bill No. 2			
LIGHTING AND SMALL POWER (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 3</u>			
<u>LIGHTNING PROTECTION SYSTEMS (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 160 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Project specification and drawings</u>			
Tenderers are referred to the project specifications and drawings numbered 11-35-01 to 11-35-68 accompanying these bills of quantities for the electrical work, for the full descriptions of the following items which are to be read and priced in conjunction with the said specifications and drawings. All work shall be done strictly in accordance with specifications and Manufacturer's instructions and leave in perfect working order after completion.			
Carried to Collection			R
Section No. 5			
Bill No. 3			
LIGHTNING PROTECTION INSTALLATION (PROVISIO			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Quality specification

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

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

Carried to Collection

R

Section No. 5
Bill No. 3
LIGHTNING PROTECTION INSTALLATION (PROVISIO
ProQS
Provisional BOQ - 1 August 2024

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Labour Intensive

All items marked (LI) 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

LIGHTNING PROTECTION SYSTEMS

Note : Lightning Protection System to be installed by a SPECIALIST Lightning Protection Contractor as per the specifications

Lightning Protection System to be installed by a SPECIALIST Lightning Protection Contractor as per the specifications

Conductors, etc

Bare Stranded Copper

Alterations - Existing Installation

Supply and install Lightning Protection Earths as follows

1	Re-locate & Re-install existing lightning protection mast removed under the previous contract including 1500 x 1500 x 1000mm concrete footing, holding down bolts, earthing, etc. complete (Provisional)		Item
2	50mm² PVC insulated Copper Conductor for bonding down conductors to earth rods, etc. inclusive of lugs, ferrules, bolts, etc.	m	350
3	50mm² Bare stranded copper conductor laid in trenches, including excavation, backfilling and compaction.	m	350

Carried to Collection

R

Section No. 5
Bill No. 3
LIGHTNING PROTECTION INSTALLATION (PROVISIO
ProQS
Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

4	50mm ² x 1,500mm Long copper electrode driven into the ground including jointing to copper bonding conductor with cadmium plated bolt, nut and washer filling and compaction	No	68		
5	Supply and install test point connection in each down conductor COMPLETE with 132x82x55mm deep screw lid enclosure.	No	68		
	<u>PVC sleeves</u>				
6	20mm conduit surface mounted to brickwork including holder bats at 1m centres.	m	360		
	<u>Circular Aluminium Conductors, etc.</u>				
	<u>Note : Roof Height is approximately 3 metres, with the exception of the new staff accommodation where it will be 6m. Supply and install aluminium circular conductor as specified.</u>				
7	70mm ² Aluminium conductor surface mounted to brickwork or concrete including aluminium guides at 1.5m centres.	m	920		
8	70mm ² down conductor fitted into semi-rigid PVC sleeve chased in. Sleeve measured elsewhere.	m	205		
9	Supply and install corrosion resistant stainless steel terminal for roof connection points and aluminium bond to take aluminium down conductor from roof terminals.	No	100		
10	Tee joint, etc. complete for 70mm ² aluminium conductor	No	1		
Carried to Collection				R	
Section No. 5					
Bill No. 3					
LIGHTNING PROTECTION INSTALLATION (PROVISIO					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 4</u>			
<u>TV SYSTEM INSTALLATION (PROVISIONAL)</u>			
<u>(CPAP WORK GROUP NO. 160 UNLESS OTHERWISE STATED)</u>			
For Preambles refer to 'Standard Preambles for All Trades (Rev 3) - DOH 2009'			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Project specification and drawings</u>			
Tenderers are referred to the project specifications and drawings numbered 11-35-01 to 11-35-68 accompanying these bills of quantities for the electrical work, for the full descriptions of the following items which are to be read and priced in conjunction with the said specifications and drawings. All work shall be done strictly in accordance with specifications and Manufacturer's instructions and leave in perfect working order after completion.			
Carried to Collection			R
Section No. 5			
Bill No. 4			
TV SYSTEM INSTALLATION (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Quality specification

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

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

Carried to Collection

Section No. 5
Bill No. 4
TV SYSTEM INSTALLATION (PROVISIONAL)
ProQS
Provisional BOQ - 1 August 2024

R

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Labour Intensive

All items marked (LI) 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

TV SYSTEM INSTALLATION

NOTE : THE FOLLOWING WORK IS TO BE CARRIED OUT BY AN APPROVED SPECIALIST SUPPLIER

Wireways will be provided by the Electrical Contractor in the form of conduits and galvanised trunking in ceiling voids, and power skirting or flush,surface outlet points.

Supply and install Television Installation

1	Supply and install Quad LNB Digital Satellite Dish suitable for the receivers chosen.	No	4
2	Satellite Dish Bracket, including 6mm PVC insulated earth to a separate 1.75m copper clad, 16mm diam earth spike. Note that this installation is on the 2nd floor of the building.	No	8
3	Re-fix Satellite Dish	No	12
4	Satellite Receivers suitable for the free viewing of SABC TV channels 1, 2, 3, and eTV as well as the receipt of Dept of Health standard broadcasts.	No	4
5	Supply and install a 2-in, 6-out multi-switch.	No	1
6	Supply and install a power supply and distribution amplifier suitable for 15 TV outputs and incorporating slope adjustment.	No	1

Carried to Collection

R

Section No. 5

Bill No. 4

TV SYSTEM INSTALLATION (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

7	Double Tap offs	No	1		
8	Single Tap offs of the dB value required.	No	4		
9	7mm Co-axial cable	m	1,050		
10	Flush 100 x 100 Television Outlet	No	35		
11	4U wall mounted lockable cabinet, including any power connectors, etc. required.	No	1		
<u>MISCELLANEOUS</u>					
12	Supply and install all necessary screws, anchors, clamps, etc., hardware and software not already covered above to ensure the successful completion and operation of the tv system.			Item	
13	Supply and install a 5mm x 15mm x 150mm long earth bar complete with 6x M6 holes in the cabinet. Earth wire to main electrical DB to be supplied and installed by others.	No	4		
14	Supply and install KAZ11 Surge Protection Modules in cabinet.	No	4		
<u>GUARANTEE AND MAINTENANCE</u>					
15	Maintenance and Guarantee of the installation, including 1x maintenance visit, from the date of Practical Completion until First Delivery of the Maternity Wards.			Item	
<u>TELEPHONE INSTALLATION</u>					
<u>Wiring, etc.</u>					
16	Supply and install 2 pair telephone wiring	m	200		
Carried to Collection				R	
Section No. 5 Bill No. 4 TV SYSTEM INSTALLATION (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024					

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

<u>Connection Fees, etc.</u>			
17	Provide a PC (Proven Cost) sum of R 10,000.00 (Ten Thousand Rand) for Connection Fee to TELKOM (or Proprietary Service Provider) as per quotation for the disconnection of existing Telephone connections, and for permanent Telephone installation, etc, according to the connections noted in Drawings 11-35-03 to 11-35-30. Outlets and cabling measured elsewhere.	No	1
18	Allow for profit on the above	Item	
19	Allow for attendance and communication and planning with hospital.	Item	
Carried to Collection			R
Section No. 5			
Bill No. 4			
TV SYSTEM INSTALLATION (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

WIMS NO. 066009

ZNTU 04264 W

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Bill No	SECTION SUMMARY - ELECTRICAL INSTALLATIONS	Page No	Amount R
1	LOW TENSION DISTRIBUTION (PROVISIONAL)	228	
2	LIGHTING AND SMALL POWER (PROVISIONAL)	238	
3	LIGHTNING PROTECTION INSTALLATION (PROVISIONAL)	244	
4	TV SYSTEM INSTALLATION (PROVISIONAL)	250	
Carried to Final Summary			R
Section No. 5			
ProQS			
Provisional BOQ - 1 August 2024			

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Item No	Quantity	Rate	Amount R
<u>BILL No. 1</u>			
<u>HEALTH AND SAFETY (PROVISIONAL)</u>			
Please refer to the Occupational Health and Safety Specification included in the Tender document			
<u>SUPPLEMENTARY PREAMBLES</u>			
Failure, by the Tenderer, to price the items indicated below individually or per item will result in the Tender being deemed non-responsive			
The legal requirements contemplated in the Construction Regulations (CR) 5(1)(g): "A Client must ensure that potential principal contractors submitting tenders, have made adequate provision for the cost of health and safety measures and CR 5(l)(h) "A client must ensure that principal contractor fa be appointed has the necessary competencies and resources to carry out the construction work safely"			
The contractor's attention is further drawn to Section 41 of the Occupational Health and Safety Act No. 85 Of 2014: This Act is not affected by agreements			
Carried to Collection			R
Section No. 6			
Bill No. 1			
HEALTH AND SAFETY (PROVISIONAL)			
ProQS			
Provisional BOQ - 1 August 2024			

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Subject to the provisions of sections 10 (4) and 37 (2), a provision of this Act or a condition specified in any notice or direction issued there under or subject to which exemption was granted to any person under section 40, shall not be affected by any condition of any agreement, whether such agreement was entered into before or after the commencement of this Act or before or after the imposition of any such condition, as the case may be

Note to Principal Contractor:

Prior to pricing the principal contractor must familiarize him/herself with the Occupational Health and Safety Act No. 85 of 1993 Construction Regulations 2014. the National Environmental Act No. 107 of 1998 and its Regulations. other relevant Regulations and Standards as well as project specific Safety. Health & Environmental specifications

HEALTH & SAFETY

Occupational Health and Safety Management

- 1 Allow for the necessary Workman's Compensation Fund or FEM contributions for the duration of the project with and including renewals
(Once off)

Item

- 2 Allow for the preparations and approval of project specific H&S PIn and File [CR 7(1)(a)] and a COVID-19 Management Plan]
(Once off)

Item

- 3 Allow for the implementation and maintenance of project specific H&S Plan and File (CR 7)

Month

18

Carried to Collection

R

Section No. 6

Bill No. 1

HEALTH AND SAFETY (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

4	Allow for provision of telecommunication, facilities for the appointed Construction Health and Safety Officer	Month	18		
	<u>Personal Protective Equipment (PPE)</u>				
5	Hi visibility conti-suit (Annually or as required or needing replacing)	No	150		
6	Hi visibility T-Shirt (Annually or as required or needing replacing)	No	300		
7	Steel Toe-Capped Safety Boots (Annually or as required or needing replacing)	No	150		
8	Hi-Visibility Safety Vest (Annually or as required or needing replacing)	No	150		
9	SABS Approved Hard Hat (Annually or as required or needing replacing)	No	150		
10	Hi-Viaibility Rain Suits (Annually or as required or needing replacing)	No	75		
11	Steel Toe Capped Gumboots (Annually or as required or needing replacing)	No	150		
12	Dust Masks (Stipulate FFP): (Annually or as required or needing replacing)	No	150		
13	Face Masks for COVID-19 (Respiratory protection) (Annually or as required or needing replacing)	No	500		
14	Safety Glasses (Annually or as required or needing replacing)	No	150		
15	Safety Goggles for COVID-19 Screening of persons (Annually or as required or needing replacing)	No	150		
16	Gloves (Stipulate Type): (Annually or as required or needing replacing)	No	150		
	Carried to Collection			R	
	Section No. 6				
	Bill No. 1				
	HEALTH AND SAFETY (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

17	Surgical Gloves for COVID-19 for security and cleaning team (Annually or as required or needing replacing)	No	1,000		
18	Safety Harnesses (Annually or as required or needing replacing)	No	20		
19	Personal Fall arrest and rescue equipment with and including life lines and associated equipment (Annually or as required or needing replacing)	No	20		
20	Any other personal protective equipment deemed necessary for compliance with the project specific health and safety specification (Annually or as required or needing replacing)		Item		
<u>Training</u>					
21	Safety Representative Training (Once Off)		Item		
22	First Aider Training (Once Off)		Item		
23	Scaffold Erector Training (Once Off)		Item		
24	Scaffold Inspector Training (Once Off)		Item		
25	Working at heights Training (Once Off)		Item		
26	Fire Fighting Training (Once Off)		Item		
27	Legal liability (Once Off)		Item		
Carried to Collection				R	
Section No. 6					
Bill No. 1					
HEALTH AND SAFETY (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

28	HIV/AIDS awareness and implementation programmes, including STI and TB, including COVID-19 management (Once Off)		Item		
	<u>Health and Safety Salaries</u>				
29	CHS Manager (Monthly)				
	(N/A)		N/A		
30	CHS Officer- Full-Time (Monthly)	Month	18		
31	Other: e.g SHE Reps (Monthly)	Month	18		
	<u>Specific Health and Safety Items</u>				
32	Hand Sanitiser (Annually or as required or needing replacing)		Item		
33	Cleaning and detergent for disinfection/sanitizing everyday		Item		
34	Spill Kit	No	2		
35	Air horns	No	5		
36	First Aid Kits (Once Off)	No	5		
37	Fire Extinguishers (Once Off)	No	10		
	<u>Medicals</u>				
38	Pre-placement Medicals		Item		
	Carried to Collection			R	
	Section No. 6 Bill No. 1 HEALTH AND SAFETY (PROVISIONAL) ProQS Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

39	Screening of employees with COVID-19 symptoms (As required)	Item		
40	Annual Medicals	Item		
41	Exit Medicals	Item		
42	Accommodation of Traffic as per Client tender BOQ	Item		
43	Inductions (Once Off)	Item		
44	Supply and maintenance of Road Traffic Signs as in terms of South African Road Traffic Signs (Once off)	Item		
45	Ablutions for the duration of the contract including cleaning, servicing, etc	Item		
46	Barrier Netting for the duration of the contract as and when required	Item		
47	Erect 1800mm high fence for construction site. Fencing is to be covered with shade netting	Item		
48	Appointment of AIA for asbestos (Once Off)	Item		
49	Asbestos Management plan (Once Off)	Item		
50	Asbestos removal by competent asbestos contractor	Item		
51	Disposal of products containing asbestos	Item		
52	Disposal of hazardous chemicals and contaminated soil	Item		
Carried to Collection			R	
Section No. 6				
Bill No. 1				
HEALTH AND SAFETY (PROVISIONAL)				
ProQS				
Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

	<u>Safety Signage</u>				
53	Construction Boards	No	5		
54	Fire Extinguisher	No	10		
55	Fire Extinguisher and First Aid	No	10		
56	Directional signs	No	10		
57	Warning/Informational signs and symbols	No	10		
58	Emergency Assembly point	No	10		
59	No Smoking	No	10		
60	Smoking Area Sign	No	5		
61	Road Traffic Sign - Stop / Go	No	5		
62	Road Traffic Sign - Speed Limit, Etc.	No	5		
63	Ladies and Men's Toilets	No	10		
64	No Naked Flames	No	10		
65	COVID-19 posters	No	20		
66	Other:		Item		
	<u>Environmental</u>				
67	Provide for adequate and storage of materials so as to minimize contamination		Item		
68	Provide for the adequate and safe collection and disposal of biological waste material from site by an approved method		Item		
	Carried to Collection			R	
	Section No. 6				
	Bill No. 1				
	HEALTH AND SAFETY (PROVISIONAL)				
	ProQS				
	Provisional BOQ - 1 August 2024				

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

69	Provide for adequate dust control measure, including regular watering of access route		Item		
70	Allow for the pumping out of the existing septic tanks (Once off)		Item		
71	Disposal of hazardous chemical and contaminated soil		Item		
72	Rehabilitation on completion of sites area (Once off)		Item		
73	Provide for ablution facilities separate for males and females and eating area for workers	Month	18		
Carried to Collection					R
Section No. 6					
Bill No. 1					
HEALTH AND SAFETY (PROVISIONAL)					
ProQS					
Provisional BOQ - 1 August 2024					

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

Item No		Quantity	Rate	Amount R
<u>BILL No. 1</u>				
<u>MATERIAL ON SITE (PROVISIONAL)</u>				
Note to Principal Contractor:				
Material on site left by the previous contractor to be inspected				
Material on site measured negatively as it will be issued as a credit				
<u>MATERIAL ON SITE</u>				
<u>Material on Site</u>				
1	Corobrik Face Bricks "Roan Imperial" - 480 bricks per pallet	No	-960	
2	Concrete Interlocking Pavers - 80mm - 396 pavers per pallet	No	-11	
3	Concrete Interlocking Pavers - 80mm - Used	No	-120	
4	Reinforcement (Estimated) Various sections (BOQ Rate x 70%)	t	-0.90	
5	Concrete Stone	m3	-6	
6	Gabion stones	No	-1	
7	Kerb (SABS 927 fig 6) 125 x 230mm high	No	-406	
8	Kerb (SABS 927 fig 12) 75 x 225mm high	No	-42	
9	100mm Diameter Perforated PVC Pipe - 3600mm Lengths	No	-11	
Carried to Collection				R
Section No. 7				
Bill No. 1				
MATERIAL ON SITE (PROVISIONAL)				
ProQS				
Provisional BOQ - 1 August 2024				

**DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

10	160mm Diameter sewer uPVC H/Duty ZLOK CClass 34 pipes - 6000mm Lengths	m	-60
11	315mm Diameter sewer uPVC H/Duty ZLOK CClass 34 pipes - 6000mm Lengths	m	-4
12	315mm Diameter Kimberly Socket CClass 34 pipes	No	-16
13	75mm Diameter Class 16 uPVC water pipes - 6000mm Lengths	No	-12
14	250mm High x 1000mm diameter concrete manhole ring (Ex Newcastle)	No	-43
15	500mm High x 1000mm diameter concrete manhole ring (Ex Newcastle)	No	-7
16	1000mm Diameter concrete cover slab (Ex Newcastle)	No	-9
17	560mm Diameter concrete lid (Ex Newcastle)	No	-9
18	Galvanised Frame for door 813 x 2032mm high and including bottom hung fanlight 300mm high (D5) - 70% of BOQ Rate	No	-8
19	Clear View fence - 3100mm Panels	No	-51
20	Razor Wire Flat Wrap - 500mm x 150m	No	-1
21	Concrete Block D120	No	-30
22	Concrete Block D200	No	-165
23	150 x 60 x 900mm long Concrete beam	No	-10
24	150 x 60 x 1100mm long Concrete beam	No	-20
25	150 x 60 x 1500mm long Concrete beam	No	-1
26	150 x 60 x 2000mm long Concrete beam	No	-1
27	150 x 60 x 2800mm long Concrete beam	No	-1

Carried to Collection

R

Section No. 7

Bill No. 1

MATERIAL ON SITE (PROVISIONAL)

ProQS

Provisional BOQ - 1 August 2024

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

**DEPARTMENT OF HEALTH: EKHOME DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION**

[illegible]

DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION
COMPLETION CONTRACT (065794): R&R TO STAFF ACCOMMODATION

Section No		Page No	Amount R	
FINAL SUMMARY				
1	PRELIMINARIES	18		
2	BUILDING WORK	145		
3	EXTERNAL WORK	200		
4	MECHANICAL INSTALLATIONS	215		
5	ELECTRICAL INSTALLATIONS	251		
6	OCCUPATIONAL HEALTH AND SAFETY	260		
LESS: CREDIT FOR MATERIALS ON SITE				
7	MATERIAL ON SITE	264		
Sub-total			R	
ADD: Value Added Tax			R	
Carried to T2.21 - FORM OF OFFER AND ACCEPTANCE			R	
ProQS Provisional BOQ - 1 August 2024				



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL:
COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND
UPGRADES TO EXISTING STAFF ACCOMMODATION**

PART C3. SCOPE OF WORKS

C3.1 SCOPE OF WORKS GCC FOR CONSTRUCTION WORKS (Edition 2 of 2010)			
Scope of Works complied in accordance with SANS 10403 where reference is made to this part of SANS 1921-1:2004			
Project title:	NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND UPGRADES TO EXISTING STAFF ACCOMMODATION		
Tender no:	ZNTU 04264 W	Project Code:	066009
1	SECTION 1 EXTENT OF THE WORKS		
1.1	EMPLOYERS OBJECTIVES		
1.2	OVERVIEW OF THE WORKS The construction of two new double storey housing units, repairs, renovations and upgrading of existing staff housing, demolishing of sub-standard housing units, new ramps, walkways, retaining walls, internal fencing, roads, parking, electrical and mechanical installations and all relevant external works		
1.3	EXTENT OF THE WORKS The contract comprises the following: The construction of new staff accommodation and repairs and renovations of existing staff accommodation incorporating the following; Contractors to refer to the Design Development Report / Decanting Plan for the Sequence of work activities. Construction is broken into the following activities: Activity 01: Indicative Site Establishment Location of Mobile Office Container for storage of tools Open space for storage of materials Mobile toilets Construction site hoarding Location of skip for waste collection Temporary connection of services to be given to contractor Signage for Project identification at site entry, i.e project number, professionals involved & their contact details Temporary Signage for construction site, i.e hazards and precautions for public Temporary Signage showing access to site office access along access road Activity 02: Construction of Proposed New Accommodation A28 and A29 Activity 03: Moving Staff to New Accommodation Move staff members accommodated in A22, A23, A27, R1 ,R2, P1- P4 & A 19 New Staff Accommodation A28 & A29		

2	1.4	Activity 04: Renovation of existing staff Houses Prefab building A22 & A23 to be used for decanting whilst staff houses are being renovated in their various phases Repairs renovations to houses A2,A3 & A4 including erecting proposed gas cages See attached site plan for location of houses
		Activity 05: Renovation of existing staff Houses Repairs renovations to houses A5 & A6,A7, A8 & A9 including erecting proposed new gas cages See attached site plan for location of houses Repairs renovations to houses A 10, A 11 & A 12 including erecting proposed new gas cages See attached site plan for location of houses
		Activity 06: Renovation of existing staff Houses Repairs renovations to houses A14, A15 & A16 including erecting proposed new gas cages See attached site plan for location of houses
		Activity 07: Renovation of existing staff Houses Repairs renovations to houses A24, A25 & A26 including erecting proposed new gas cages. See attached site plan for location of houses
		Activity 08: External Works (All Trades) Bulk earthworks incorporating platforms Retaining walls Open paved walkways New internal paved roads and parking areas Internal fencing See attached site plan for location of houses
		Tenderer is referred to the Electrical & Mechanical Specifications for detail descriptions of the work to be carried out, but in general it comprises the following;
		Mechanical Installation LP Gas Installation Hot Water Installation
		Electrical Installation Low Tension Distribution Lighting & Small Power Lightning Protection TV System Installation
		1.4 LOCATION OF THE WORKS The positions of the new walkways fall within the boundary of the existing Ekhombe District Hospital (GPS co-ordinates 28°38'29.4"S; 30°53'34.8"E), Ekhombe Area, KwaZulu-Natal. Access to the site is possible by means of fair to poor condition gravel roads which pass through the area
		1.5 TEMPORARY WORKS All temporary work to comply with the Occupational Health and safety Act (Act 85 of 1993)
2	<u>ENGINEERING</u>	
	2.1	EMPLOYER'S DESIGN NOT APPLICABLE
	2.2	DESIGN BRIEF NOT APPLICABLE
	2.3	DRAWINGS See list of drawings/Annexure's attached to this document.
	2.4	DESIGN PROCEDURES NOT APPLICABLE

3	<u>PROCUREMENT</u>
3.1	PREFERENTIAL PROCUREMENT PROCEDURES This tender will be subject to the implementation of the Preferential Procurement Regulations, 2022, 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 www.kzntreasury.gov.za for access to the relevant documents. Tenderers are advised to familiarize themselves with the contents of the KwaZulu-Natal Supply Chain Management Policy Framework regarding Preference Point Systems, evaluation of tenders appeals and other matters.
3.2	RESOURCE STANDARD PERTAINING TO TARGETED PROCUREMENT NOTE : This project will be adjudicated as exceeding R 50,000 000,00
3.3	SCOPE OF MANDATORY SUBCONTRACT WORK Not applicable
3.4	PREFERRED SUBCONTRACTORS/SUPPLIERS Not applicable
3.5	SUBCONTRACTING PROCEDURES Not applicable
4	<u>CONSTRUCTION</u>
4.1	APPLICABLE SANS 2001 STANDARDS FOR CONSTRUCTION WORKS 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. Where the description in the Bills of Quantities/Lump Sum documents differ from those in the Standard Electrical Specifications, the descriptions in the Bills of Quantities/Lump Sum documents are to apply. No claim whatsoever will be allowed in respect of errors in pricing due to brevity of description of items in the Bills of Quantities/Lump Sum documents which are fully described when read in conjunction with the relevant Preambles and/or Specifications. Suppliers of materials and the like, whose quality systems apply with one or more of the SABS/SANS ISO 9000 Series should be used whenever possible in the absence of a particular SABS/SANS Specification Standard Mark. Wherever the words "shall be deemed to be included in the description", "shall be stated" or other words having the same effect, appear in the Standard System, it shall be deemed that all descriptions in these Bills of Quantities/Lump Sum documents incorporated such inclusions and statements whether specifically stated or not. The Contractor is hereby informed that where SABS/SANS Specifications are referred to in these Bills of Quantities/Lump Sums documents and Specifications thereto, then ONLY the Specification of Work Clauses will apply. The method of measurement and payment clauses will NOT apply to this Contract. The Contractor is hereby informed that risk of collapse and keeping excavations free from water (excluding subterranean water) generally are deemed to be included in the descriptions unless accommodated in the system of measurement. Please refer to the Geotechnical Investigation report when included at the end of these tender documents. Whenever reference is made to "Sub-Contractor", "Nominated Sub-Contractor" or the like in the specifications included or referred to in these Bills of Quantities/Lump Sums documents, it shall be deemed to mean "Contractor" as defined.

4.2	APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS See above 4.1												
4.3	PARTICULAR / GENERIC SPECIFICATIONS The Contractor is referred to the following documents whether attached to this document or not: <table border="0"> <thead> <tr> <th><u>SPECIFICATION</u></th><th><u>PAGES</u></th></tr> </thead> <tbody> <tr> <td>Specification for HIV/AIDS Awareness (CIDB)</td><td>HIV1 TO HIV3</td></tr> <tr> <td>Specific Construction, Safety, Health and Environmental Plan</td><td></td></tr> <tr> <td>Standard Preambles for all Trades (Rev 3) - DOH 2009</td><td>1 to 95</td></tr> <tr> <td>General Electrical Specification</td><td>E/1 to E/20</td></tr> <tr> <td>Lightning Protection Installation</td><td>LP/1 to LP/6</td></tr> </tbody> </table>	<u>SPECIFICATION</u>	<u>PAGES</u>	Specification for HIV/AIDS Awareness (CIDB)	HIV1 TO HIV3	Specific Construction, Safety, Health and Environmental Plan		Standard Preambles for all Trades (Rev 3) - DOH 2009	1 to 95	General Electrical Specification	E/1 to E/20	Lightning Protection Installation	LP/1 to LP/6
<u>SPECIFICATION</u>	<u>PAGES</u>												
Specification for HIV/AIDS Awareness (CIDB)	HIV1 TO HIV3												
Specific Construction, Safety, Health and Environmental Plan													
Standard Preambles for all Trades (Rev 3) - DOH 2009	1 to 95												
General Electrical Specification	E/1 to E/20												
Lightning Protection Installation	LP/1 to LP/6												
4.4	CERTIFICATION BY RECOGNIZED BODIES 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.												
4.5	AGRÉMENT CERTIFICATES Not applicable												
4.6	PLANT AND MATERIAL PROVIDED BY THE EMPLOYER Not applicable												
4.7	SERVICES AND FACILITIES PROVIDED BY THE EMPLOYER Not applicable												
4.8	OTHER SERVICES AND FACILITIES The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Administration. The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed. The Contractor is advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.												
5	<u>MANAGEMENT</u> 5.1 APPLICABLE SANS 1921 STANDARDS Tenderders are referred to SECTION 2 : SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 IN THIS DOCUMENT												

5.2	RECORDING OF WEATHER The Contractor shall keep record of abnormal climatic conditions to facilitate the adjudication of claims for extension of the contract period.																																																																	
	The Contractor shall allow in his programme for the following number of days for rain days (rain > 10mm per day) as per the table below: <table><tr><th colspan="3">CURRENT YEAR</th><th>YEAR + 1</th><th>YEAR + 2</th></tr><tr><td>January</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>February</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>March</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>April</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>May</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>June</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>July</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>August</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>September</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>October</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>November</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr><tr><td>December</td><td>w/days</td><td>3</td><td>3</td><td>3</td></tr></table>	CURRENT YEAR			YEAR + 1	YEAR + 2	January	w/days	3	3	3	February	w/days	3	3	3	March	w/days	3	3	3	April	w/days	3	3	3	May	w/days	3	3	3	June	w/days	3	3	3	July	w/days	3	3	3	August	w/days	3	3	3	September	w/days	3	3	3	October	w/days	3	3	3	November	w/days	3	3	3	December	w/days	3	3	3
CURRENT YEAR			YEAR + 1	YEAR + 2																																																														
January	w/days	3	3	3																																																														
February	w/days	3	3	3																																																														
March	w/days	3	3	3																																																														
April	w/days	3	3	3																																																														
May	w/days	3	3	3																																																														
June	w/days	3	3	3																																																														
July	w/days	3	3	3																																																														
August	w/days	3	3	3																																																														
September	w/days	3	3	3																																																														
October	w/days	3	3	3																																																														
November	w/days	3	3	3																																																														
December	w/days	3	3	3																																																														
5.3	MANAGEMENT MEETINGS 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.																																																																	
5.4	FORMS FOR CONTRACT ADMINISTRATION The Employer shall provide all necessary forms.																																																																	
5.5	ELECTRONIC PAYMENTS The Contractor shall provide all required information to the Employer to facilitate electronic payments upon request.																																																																	
5.6	DAILY RECORDS The Contractor shall keep daily records of people and equipment employed as well as a site diary in respect of work performed on the site. At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all Sub-Contractors on the works each day. At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.																																																																	
5.7	BONDS AND GUARANTEES The Contractor shall within 10 calendar days after receiving notice from the Engineer and prior to receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the Contract Data.																																																																	
5.8	PAYMENT CERTIFICATES Requirements will be in accordance with the Employers prescriptions.																																																																	

5.9	PERMITS 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. 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. 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. The Employer will accept no responsibility whatsoever for damage to or the loss of plant, materials, etc., from the site.
5.10	PROOF OF COMPLIANCE WITH THE LAW The following certificates must be provided before first delivery is taken: - HIV/STI Report (Bound into this document) - Electrical Compliance Certificate - Plumbing Compliance Certificate - Lightning Certificate - Soil Protection Certificate - Concrete test and cube certificates - Waterproofing Guarantee certificates - TR1 and TR2 prefabricated roof truss certificates - Soil compaction certificates - Electrical and Mechanical test certificates - Plumbing and drainage pressure test certificates - Fire Compliance Certificate - Entomology Certificate - SANS 10400-A:2010 compliance certificates - Latest National Building Regulation
5.11	INSURANCE PROVIDED BY THE EMPLOYER Not Applicable <u>SECTION 2</u> <u>SPECIFICATION DATA ASSOCIATED WITH SANS 1921-2004</u>
Clause Numbers 4.1.7	The requirements for drawings, information and calculations for which the Contractor is responsible are: 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 4.2.1 The responsibility strategy assigned to the Contractor for the works is: Strategy A 4.2.2 The structural engineer is: DLV Engineers 4.2.3 Drawings & other info are to be submitted in accordance with the contractors programme YES 4.3 The planning, programme and method statement are to comply with the following: 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).

4.12.1	Samples of materials The work is to be executed with materials of the best specified and in the most substantial and workmanlike manner under the inspection of the Employer and to his satisfaction. The Contractor shall furnish, without delay, such samples as called for or may be called for by the Employer, who may reject all materials or workmanship not corresponding with the approved sample. The samples of materials, workmanship and finishes that the Contractor is to provide and deliver to the employer are: - Tile sample. - Brick sample. - Light fitting sample. - Screed panel 2m x 2m impact test. - Tested trial mix to be approved by the Engineer.
4.12.2	Fabrication drawings that the contractor is to provide to the employer are: Distribution Boards (DB), Electrical Kiosk, Electrical schematic diagrams, Mechanical drawings, Steel Roof Trusses
4.12.3	Office accommodation, equipment, accommodation for site meetings and other facilities for use by the employer and his agents are: OFFICE FOR FOREMAN 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. TELEPHONE 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. OFFICE FOR INSPECTOR OF WORKS Provide, erect, maintain and remove at completion a well constructed temporary office for the Inspector of Works not less than 4 x 3 m on plan and 3 m high to eaves to the approval of the Employer. The office shall be constructed of wood framing covered externally with corrugated iron or corrugated asbestos and with a lean-to roof covered with the same material as the external wall covering. The office shall be lined internally with soft board or other approved material and a ceiling shall be provided of the same material as the internal lining. A suspended wood floor shall be provided and is to finish not less than 300 mm above the ground level. A lockable door and a window, which provides adequate light and ventilation, shall be fitted. An office constructed of 115 mm thick brick-work and provided with a screeded concrete floor and roofed and ceiled as above described may be accepted as an alternative but prior permission of the Employer will be necessary before construction of such an office is commenced and his requirements shall be stated and fulfilled by the Contractor. The office shall be fitted in an approved manner with a sloping topped desk of height and length suitable for the laying out and studying of drawings, a desk or table with not less than two lock-up drawers, shelves, seating and wash-stand, and the Contractor shall provide all necessary attendance. Not applicable TELEPHONE IN OFFICE FOR INSPECTOR OF WORKS 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. Not applicable

	SHED 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.
4.14.6	The requirement for provision and erection of signboards are: Supply, erect, maintain and remove at completion a painted notice board, size overall 2800 x 2345 mm high sign written to detail as Drawing No. T9506 which drawing is available from offices of the Department of Public Works. Only the official notice board is to be displayed on the site and no Sub-Contractor's boards will be permitted. The Contractor, at his own cost, may provide a board on which all sub-contract firms' names may be sign written. The notice board is to be to the approval of the Employer and is to be maintained in first class condition and placed where directed at the entrance to the site and remain there for the duration of the Contract.
4.17.1	Requirement for the termination, diversion or maintenance of existing services: 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.
4.17.3	Services which are known to exist on the site: Contractor to Investigate and provide detail drawings of old building foundations, sewer piles, etc as and when required.
4.17.4	Requirement for detection apparatus None
4.18	ADDITIONAL HEALTH AND SAFETY REQUIREMENTS ARE: By the submission of a tender, any Tenderder 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 Tenderder 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. Tenderders 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 Tenderder and submitted with the other tender documents at the time of tender. Failure to do so will invalidate the tender. Tenderders are therefore advised to study the 'Construction Safety, Health and Environmental Specification' which is issued as part of this tender document, the Model Preambles to Trades - 2008, any project Specification included in this tender document and any and all drawings which are referred to and issued as part of this tender document before preparing their own project specific 'Construction Phase Safety, Health and Environmental Plan'. Tenderders 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 Public Works maintains a list of qualified service providers.

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

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

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

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

5,3 Reporting

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

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

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

C3.3 - HIV/STI COMPLIANCE REPORT

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

Project Code:

066009

Payment Claim number:

Period covered by payment claim:

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

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

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

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

5. HIV awareness programme (briefly describe action).

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

[illegible]

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: _____



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL:
COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND
UPGRADES TO EXISTING STAFF ACCOMMODATION**

PART C4. SITE INFORMATION

C4.1 SITE INFORMATION GCC FOR CONSTRUCTION WORKS (2 Edition of 2010)			
Project title:	NORTH COAST REGION: DEPARTMENT OF HEALTH: EKHOMBE DISTRICT HOSPITAL: COMPLETION CONTRACT (065794): NEW STAFF ACCOMMODATION, RENOVATION AND UPGRADES TO EXISTING STAFF ACCOMMODATION		
Tender No.	ZNTU 04264 W	Project Code:	066009
C4.1 Site Information			
C4.1	GENERAL		
(a)	The site fall within the boundary of the existing Ekhombe District Hospital (GPS co-ordinates 28°38'29.4"S; 30°53'34.8"E), Ekhombe Area, KwaZulu-Natal. Access to the site is possible by means of fair to poor condition gravel roads which pass through the area. The topography of the area comprises steep, hilly terrain. The generally steep ground profile on site has necessitated the use of large cut and fill excavations to accommodate the construction of the new walkways. Existing cut faces are between 1.0m and 3.5m high, the majority of which are supported by concrete block retaining walls. The ground profile falls in a north easterly direction and is moderately steep. The ground surface is uneven owing to previous construction activity, likely associated with the construction of the levelled platforms.		
(b)	Vehicle access to the site will is possible through main entrance gate. Vehicle manoeuvrability on site is limited due to the presence of large boulders. Access to municipal electrical and potable water supply is currently not available on site but is present in the surrounding area.		
(c)	Existing services on site comprise piped potable water as well as an electrical connection. An existing stormwater pipe passes through the general site area with its outfall being located within the proposed footprint.		
C4.2	GEOTECHNICAL INVESTIGATION REPORT		
(a)	Refer to Geotechnical Investigation Report attached to this document for any reference to the subsoil conditions.		