

PROVINCIAL ADMINISTRATION OF KWAZULU-NATAL
DEPARTMENT OF HEALTH



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

TENDER DOCUMENT
OPTION B: PRICED CONTRACT WITH BILLS OF QUANTITIES

with NEC3 Engineering and Construction Contract - April 2013

RETURNABLE DOCUMENT

ONE VOLUME APPROACH

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY
HEALTH CENTRE**

Engineer/Principal Agent

KZN Department of Health - Infrastructure Development
Private Bag X 9051
Pietermaritzburg
Pietermaritzburg
3200
- Tel Number
033 - 940 2517

Employer:

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

Pietermaritzburg

3200

Tel Number: 033 - 940 2400

Tender Number: ZNB5641/2023-H
CIDB Grading: 9GB

Document Date:
Contract Period: 36 Calendar Months

Contracting Party: _____

CIDB Registration number: _____

Central Suppliers Database Registration Number: _____

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE



KWAZULU-NATAL PROVINCE
HEALTH
REPUBLIC OF SOUTH AFRICA

THE TENDER

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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 Health, Provincial Administration of KwaZulu-Natal.

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

No 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 Tenderder who, on acceptance of the Offer, would become the contractor"

All amendments issued for this tender must be downloaded from the website stated in the tender advertisement.

Tenderers are to ensure that all returnable documents as stated in T2.1, item 1 to 5, are submitted to avoid disqualification. Furthermore, tenderers are to ensure that all documents stated in T2.1, item 6, are submitted in order to be evaluated for functionality as per the requirements of T2.36.



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH
CENTRE**

THE TENDER



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE

PART T1. - TENDER PROCEDURES



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH
CENTRE**

T1.1 - TENDER NOTICE AND INVITATION TO TENDER

T1.1 TENDER NOTICE AND INVITATION TO TENDER

THE KZN DEPARTMENT OF HEALTH INVITES TENDERS FOR THE PROVISION OF:

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A
Advertisement date:	04 August 2023	Closing date:	06 September 2023
Closing time:	11:00	Validity period:	84 Days

It is estimated that tenderers must have a CIDB contractor grading designation of 9GB or higher. No alternative Class of work, as referred to in Clause 25(3)(a)(i) of the CIDB Regulations, as amended, is anticipated for this project.

<input checked="" type="checkbox"/>	All Tenderer's should have a CIDB Class of Construction Contractor Grading Designation as indicated above. No Tenderer with a PE status will be considered as the Department does not have an Official Mentorship Programme in place to assist a Potentially Emerging Enterprise.
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Only Tenderder's who are responsive to the following responsiveness criteria are eligible to submit Tenders:

<input checked="" type="checkbox"/>	Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations for a : 9GB or higher, class of construction work, are eligible to have their Tenders evaluated."
<input checked="" type="checkbox"/>	Joint ventures are eligible to submit tenders provided that: <ol style="list-style-type: none"> 1 every member of the joint venture is registered with the CIDB; 2 the lead partner has a contractor grading designation in the 9GB or higher, class of construction work; or 3 the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a : 9GB or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations.
<input checked="" type="checkbox"/>	Tender document must be properly received on or before the tender closing date and time specified on the invitation, fully completed and signed in ink (All as per Standard Conditions of Tender).
<input checked="" type="checkbox"/>	Submission of Compulsory Returnable Schedules documents as per List of returnable documents.
<input checked="" type="checkbox"/>	Tax Compliance Status (TCS) PIN number and Tenderder's or entity tax reference number.
<input checked="" type="checkbox"/>	Contractor's Safety, Health and Environmental Declaration.
<input checked="" type="checkbox"/>	Complete priced Bill of Quantities to be submitted.
<input checked="" type="checkbox"/>	Proof of good standing with the Compensation Commissioner - In terms of Section 84(1)(b) of the Compensation for Occupation Injuries and Disease Act, 1993, a Tenderder may not be awarded a contract if he/she is not registered and in good standing with the Compensation Commissioner.
<input type="checkbox"/>	Proof of UIF Registration - Not Applicable (T2.24)
<input checked="" type="checkbox"/>	Compulsory Enterprise Questionnaire (T2.18)
<input checked="" type="checkbox"/>	Tenderers must meet the minimum qualifying score for functionality criteria first before they can be considered for price and preference.
<input checked="" type="checkbox"/>	Invitation to Tender - SBD 1

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

Name of Tenderer: _____

Postal Address: _____

Street Address: _____

Telephone Number CODE _____ NUMBER _____

Cellphone Number: _____

E-mail Address: _____

VAT Registration Number: _____

Contracting Party: _____

YES or NO

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS / SERVICES /
WORKS OFFERED? [If yes, enclose proof]

YES or NO

THE TENDER SHALL BE EVALUATED IN THREE (3) STAGES. THE STAGES ARE AS FOLLOWS:

STAGE 1 - Administrative compliance: All mandatory returnable documents have been submitted and are compliant; the tender documentation has been fully completed and signed. This must include mandatory requirements as indicated below (T2.1), if applicable. The bidder who did not submit administrative and mandatory requirements will be treated as non-responsive and will not progress to the next evaluation stage

STAGE 2 - Evaluation of functionality criteria: As stated in T2.36 (if applicable). Tenderers are required to submit the stated documents and achieve the minimum stated score to proceed to the next Stage of evaluation. The bidder who did not submit administrative and mandatory requirements will be treated as non-responsive and will not progress to the next evaluation stage

STAGE 3 - Evaluation of price and preference points

Notes

T2.1: Returnable Documentation

List of returnable documents include the following:

- Returnable schedules required for tender evaluation purposes
- Documents required for the evaluation of mandatory technical criteria (if applicable)
- Documents required for the evaluation of functionality

This tender will be evaluated according to the preferential procurement model in the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2022:

80/20 Preference point scoring system

90/10 Preference point scoring system

NOTE	Refer to T2.36 - Functionality Criteria		
Functionality requirement:	60	Points	
Price:	90	points	
Preference point scoring system will be based on the following points:			
Preference points system:			
Preferences are offered to Tenderder's who have attained the following in accordance with the table below:			
1. Specific goals (according to the PPPFA):			
(a)	In terms of Race, full, partial or combination of points may be allocated to companies who are at least 51% Owned by Black People	10	Points
Total must equal 10 or 20 points		10	Points

Notes:

- 1 The successful Tenderer will be required to sign a contract.
- 2 Tenderers should ensure that Tenders are delivered timeously to the correct address. If the Tender is late, it will not be accepted for consideration.
- 3 The Tender box is generally open during official working hours.
- 4 All Tenders must be submitted on the official forms – (Not to be re-typed)
- 5 THIS TENDER IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THIS TENDER IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE NEC 3 ENGINEERING AND CONSTRUCTION CONTRACT APRIL 2013 AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT
- 6 Where stated in the tender data that a two-envelope system has been followed, open only the non-financial proposal of valid tenders in the presence of tenderer's agents, who choose to attend, at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.
- 7 Evaluate that non-financial proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals are to be opened.
- 8 Open only the financial proposals of tenderers who, in the Functionality evaluation score, have more than the minimum number of points for Functionality stated in the tender data, and announce the score obtained for the non-financial proposals and the total price and any preferences claimed. Return unopened financial proposals to tenderers whose non-financial proposals failed to achieve the minimum number of points for Functionality.

THE PHYSICAL ADDRESS FOR COLLECTION OF TENDER DOCUMENTS:

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

Department of Health Central Supply Chain 310 Jabu Ndlovu Street, Pietermaritzburg,3200

A non-refundable tender deposit of R610 is payable as per the tender advertisement , on collection of the Tender documents.

COMPULSORY CLARIFICATION MEETING

It is vital that a technically qualified and knowledgeable member from the tenderer's firm attends the compulsory site clarification meeting.

A Compulsory clarification Meeting with representatives of the Employer will take place as follows:

Townhill Office Park, Block 1 Boardroom

on: **21 August 2023 @ 09:00am**

QUERIES REGARDING THE TENDERING PROCEDURE OR TECHNICAL INFORMATION MAY BE DIRECTED TO:

DOH Project Manager:	Mr Deon Van Wyk	Telephone no:	(033) 940 2400
Cell no:	079 886 2080		
E-mail:	deon.vanwyk@kznhealth.gov.za		

DEPOSIT / RETURN OF TENDER DOCUMENTS:

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

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

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

TENDER DOCUMENTS MAY BE:

DEPOSITED IN THE TENDER BOX AT:
Tender Advisory Services
Supply Chain Management, Head Office
310 Jabu Ndlovu Street
Pietermaritzburg
3200



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE

T1.2 - TENDER DATA

T1.2 TENDER DATA

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE																																						
Project Code:	N/A																																						
Tender no:	ZNB 5641/2023-H	Closing date:	06 September 2023																																				
Closing time:	11:00	Validity period:	12 Weeks																																				
Clause number:																																							
	<p>The conditions of Tender are the Standard Conditions of Tender as contained in Annexure C of the CIDB Standard for Uniformity in Engineering and Construction Works Contracts as per Board Notice 423 of 2019 in Government Gazette 42622 of 8 August 2019 as amended from time to time. (see www.cidb.org.za) Refer to Conditions of Tender as bound into this document.</p> <p>The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.</p> <p>Each item of data given below is cross-referenced to the clause marked "C" in the above mentioned Standard Conditions of Tender.</p>																																						
C.1.1	<p>The Employer is the Head of Health (KZN Department of Health-Province of KwaZulu-Natal)</p> <p>For this contract the <u>single volume</u> approach is adopted.</p> <p>This procurement document has been formatted and compiled under the headings for a single volume approach as contained in table 5 of the CIDB's "Standard for Uniformity in Engineering and Construction Works Contracts."</p> <p>The list of Returnable Documents identifies which of the documents a Tenderer must complete when submitting a Tender. The Tenderer must submit his Tender by completing the Returnable Documents including the priced Final Summary of the Pricing Schedule, signing the "Offer" section in the "Form of Offer and Acceptance" and delivering the whole of the procurement document back to the Department bound up as it was when it was received.</p>																																						
C.1.2	<p>The single volume procurement document issued by the Employer comprises the following:</p> <p>TENDER</p> <p>Part T1: Tendering procedures</p> <table border="1" style="width: 100%;"> <tr><td>T1.1 -</td><td>Tender Notice and Invitation to Tender</td></tr> <tr><td>T1.2 -</td><td>Tender Data</td></tr> <tr><td>T1.3 -</td><td>Annexure C - Standard Conditions of Tender</td></tr> <tr><td>T1.4 -</td><td>Special Conditions of Contract</td></tr> </table> <p>Part T2: Returnable documents</p> <table border="1" style="width: 100%;"> <tr><td>T2.1 -</td><td>List of returnable documents</td></tr> <tr><td>T2.2 -</td><td>Returnable schedules (See different forms listed in T2.1 - Returnable Schedule)</td></tr> </table> <p>CONTRACT</p> <p>Part C1: Agreements and Contract Data</p> <table border="1" style="width: 100%;"> <tr><td>C1.1 -</td><td>Form of Offer and Acceptance</td></tr> <tr><td>C1.2 -</td><td>Contract Data</td></tr> <tr><td></td><td></td></tr> </table> <p>Part C2: Pricing data</p> <table border="1" style="width: 100%;"> <tr><td>C2.1 -</td><td>Pricing Instructions</td></tr> <tr><td>C2.2 -</td><td>Provisional Bills of Quantities</td></tr> <tr><td></td><td></td></tr> </table> <p>Part C3: Works Information</p> <table border="1" style="width: 100%;"> <tr><td>C3.1 -</td><td>Scope of Works</td></tr> <tr><td>C3.2 -</td><td>Specification for HIV/AIDS awareness</td></tr> <tr><td>C3.3 -</td><td>HIV/STI Compliance report</td></tr> <tr><td>C3.4 -</td><td>Project Specific Construction Safety, Health and Environmental Specification</td></tr> <tr><td>C3.5 -</td><td>Supplementary Preambles</td></tr> </table> <p>Part C4: Site information</p> <table border="1" style="width: 100%;"> <tr><td>C4.1 -</td><td>Site Information</td></tr> </table>			T1.1 -	Tender Notice and Invitation to Tender	T1.2 -	Tender Data	T1.3 -	Annexure C - Standard Conditions of Tender	T1.4 -	Special Conditions of Contract	T2.1 -	List of returnable documents	T2.2 -	Returnable schedules (See different forms listed in T2.1 - Returnable Schedule)	C1.1 -	Form of Offer and Acceptance	C1.2 -	Contract Data			C2.1 -	Pricing Instructions	C2.2 -	Provisional Bills of Quantities			C3.1 -	Scope of Works	C3.2 -	Specification for HIV/AIDS awareness	C3.3 -	HIV/STI Compliance report	C3.4 -	Project Specific Construction Safety, Health and Environmental Specification	C3.5 -	Supplementary Preambles	C4.1 -	Site Information
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Part 5: List of Drawings/Annexure's	
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C5.6 -	
C5.7 -	
C5.8 -	
C5.9 -	
C5.10	
C5.11	
C5.12	
C5.13	

C.1.4	The NEC3 Project Manager shall be the appointed Professional Representative by the Department of Health through a separate tender process. Details of the NEC3 Project Manager are stated below if this information is available at time of this tender:	
	Name of Firm:	KZN Department of Health
	Capacity:	Project Manager
	Address:	Private Bag X 9051, Pietermaritzburg, 3200
	Tel:	033 - 940 2400
	Fax:	none
	E-mail:	deon.vanwyk@kznhealth.gov.za
	Responsible person:	Mr Deon Van Wyk
	The Department of Health may appoint itself as NEC3 Project Manager and Supervisor through representation by one of it's employees or by any other third party agent should it require to do so.	
	The second sentence shall read "Communications can be in any of the official languages recognised in KwaZulu-Natal which is English, Afrikaans or Zulu but writing is preferred in English as this is generally accepted as a business language"	

C.1.6	PP2-Competitive Selection Procedure	Develop and Construct
	PP2B-Open Procedure	
	Tenderers must satisfy all of the eligibility criteria (if applicable) and obtain the minimum qualifying score for functionality criteria first before they can be considered for price and preference.	

C.2.1	For eligibility refer to T1.1 Tender Notice and Invitation to Tender	
	A contract will only be entered into with a Tenderder who has in his employ management and supervisory staff satisfying the requirements of the scope of work for labour intensive competencies for supervisory and management staff during the contract validity of the contract.	
	Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations for a :	
	9 GB or higher class of construction work, are eligible to have their tenders evaluated.	

Joint ventures are eligible to submit tenders provided that:

- 1 every member of the joint venture is registered with the CIDB;
- 2 the lead partner has a contractor grading of 9GB or higher, class of construction work; or
not lower than one level below the required the required grading designation in the class of works construction works under considerations and possess the required recognition status
- 3 the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a :
9 GB or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Construction Industry Development Regulations.

	See end of T2.3 AUTHORITY FOR CONSORTIA OR JOINT VENTURES TO SIGN TENDER for combinations of JV's arrangements.
C.2.7	For particulars regarding a pre-tender site inspection meeting (clarification meeting), see T1.1 Tender Notice and Invitation to Tender.
C.2.12	Alternative tender offer permitted: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	<p>If a tenderer wishes to submit an own alternative tender offer, the only criteria permitted for such alternative tender offer is that it demonstrably satisfies the Employer's standards and requirements. A tenderer may submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted. Provided that the tenderer's main tender offer is according to specification and would under normal circumstances be recommended for acceptance, his alternative tender offer may also be considered for the purpose of the award of the contract.</p> <p>Calculations, drawings and all other pertinent technical information and characteristics as well as modified or proposed Pricing Data must be submitted with the alternative tender offer to enable the Employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the Employer's standards and requirements and to evaluate the acceptability of the pricing proposals. Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions. Pricing Data must reflect all assumptions in the development of the pricing proposal.</p> <p>Acceptance of an alternative tender offer will mean acceptance in principle of the offer. It will be an obligation of the contract for the tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer's standards and requirements.</p> <p>The modified Pricing Data must include an amount equal to 5% of the amount tendered for the alternative offer to cover the Employer's costs of confirming the acceptability of the detailed design before it is constructed.</p>
C.2.13.1	Only the Complete Service as per the Works Information
C.2.13.2	Tenderers are to ensure that their company details appear on the entire relevant Tender documentation and must be legible.
C.2.13.3	The complete tender offer communicated on paper shall be submitted as an original.
C.2.13.4	The second sentence shall read as follows "The Employer will hold all authorised signatories jointly and severally liable on behalf of the tenderer". Tenderers proposing to contract as a Joint Venture shall submit a valid Joint Venture Agreement before the Joint Venture's offer could be accepted. Individuals, Partnerships and Companies proposing to contract as a party to a Joint Venture shall be jointly and severally liable on behalf of the Joint Venture.
C.2.13.5	The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are as per T1.1 Tender Notice and Invitation to Tender.
	A Open Procedure will be followed
C.2.15	The closing time for submission of tender offers is as per T1.1 Tender Notice and Invitation to Tender.
C.2.16	The tender offer validity period is as per T1.1 Tender Notice and Invitation to Tender.
C.2.17	Sub-clause C2.17 does not preclude the negotiation of the final terms of the contract with the preferred tenderer, following a competitive selection process, should the Employer elect to do so and provided that the competitive position of the preferred tenderer is not affected.
	The tenderer must submit to the Employer, names of all management and supervisory staff that will be employed to supervise the labour-intensive portion of the works together with satisfactory evidence that
C.2.19	Access shall be provided for inspections, tests and analysis as may be required by the Employer.
C.2.22	Tenderers do not have to return all retained tender documents within 28 days after expiry of the Tender validity period.
	Tenderers are to refer to List of Returnable Schedules and Scope of Works to establish what is required to be submitted with this tender.
C.3.4	The location for opening of the tender offers shall be at: KZN Department of Health, 310 Jabu Ndlovu Street, Pietermaritzburg, 3200
C.3.8	The employer must determine, on opening and before detailed evaluation, whether each Tender offer properly received: a) complies with the requirements of the Conditions of Tender. b) has been properly and fully completed and signed, and c) is responsive to the other requirements of the Tender documents.

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

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

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

C.3.13

Tender offers will only be accepted if:

- (a) Tenderers must be registered on Government's Central Supplier Database (CSD) and include their master registration number (MAAA number) on the cover page of the tender document in order to enable the institution to verify the tenderers tax status on the CSD
- (b) the Tenderder is registered with the Construction Industry Development Board in an appropriate contractor grading designation is required for this tender and the Tenderder has submitted a CIDB certificate of registration which clearly indicates the status "Active"
- (c) the Tenderder has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the Tenderder's ability to perform to the contract in the best interests of the employer or potentially compromise the Tender process.
- (d) the tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act, 2004 (Act No. 12 of 2004) as a person prohibited from doing business with the public sector; and
- (e) the Tenderder has not:
 - i) abused the Employer's Supply Chain Management System; or
 - ii) failed to perform on any previous contract and has been given a written notice to this effect.
- (f) the Tenderder is registered with:
 - i) the Workmen's Compensation Fund
- (g) the Tenderder submitted Authority to Sign the tender.
- (h) the Tenderder submitted Financial standing & other resources of Business Declaration.
- (i) the Tenderder signed the Form of Offer that is part of the Form of Offer and Acceptance.
- (j) the Tenderder submitted Preference Certificate, if applicable.
- (k) the Tenderder submitted SBD 4
- (l) the Tenderder submitted Site Inspection Certificate from the Compulsory Briefing Meeting
- (m) the Tenderder submitted all information required to assess 'Eligibility' and 'Functionality' as per the stated
- (n) the Tenderer submitted deliverables required to assess any stated mandatory criteria.
- (o) the Tenderer has incorporated all issued addenda (if applicable) into their submitted tender document

Provided that the form of offer and acceptance does not contain any qualifying statements, it will constitute the formation of a contract between the employer and the successful Tenderder as described in the form of offer and acceptance.



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE

T1.3 - Annexure C - Standard Conditions of Tender

T1.3 - Annexure C - Standard Conditions of Tender

Note: Where this document refers to Bid or Bidder it shall be read as tender or tenderer

C.1 General

C.1.1 Actions

C.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in F.2 and F.3, timeously and with integrity, and behave equitably, honestly and transparently and comply with all legal obligations and not engage in anticompetitive practices.

C.1.1.2 The employer and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderer's shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process or as soon as they become aware of such conflict, and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

Note: 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.

2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.

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

C.1.2 Tender Documents

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

C.1.3 Interpretation

C.1.3.1 The **tender data** and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

C.1.3.2 These conditions of tender, the **tender data** and tender schedules which are required for tender evaluation purposes, shall form part of any contract arising from the invitation to tender.

C.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

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

C.1.4 Communication and employer's agent

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

C.1.5 Cancellation and Re-Invitation of Tenders

C.1.5.1 An employer may, prior to the award of the tender, cancel a tender if-

- a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation;
- b) funds are no longer available to cover the total envisaged expenditure; or
- c) no acceptable tenders are received.
- d) there is a material irregularity in the tender process.

C.1.5.2 The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised.

C.1.5.3 An Employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.

C.1.6 Procurement procedures

C.1.6.1 General

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

C.1.6.2 Competitive negotiation procedure

C.1.6.2.1 Where the **tender data** requires that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of F.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of F.3.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

C.1.6.2.2 All responsive tenderers, or at least a minimum of not less than three responsive tenderers that are highest ranked in terms of the evaluation criteria stated in the **tender data**, shall be invited to enter into competitive negotiations based on the principle of equal treatment, keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of C.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

C.1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to revise their tender offer based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.

C.1.6.2.4 The contract shall be awarded in accordance with the provisions of C.3.11 and C.3.13 after tenderers have been requested to submit their best and final offer.

C.1.6.3 Proposal procedure using the two stage-system

Contracting Party: ___ C.1.6.3.1

Option 1

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

F.1.6.3.2

Option 2

C.1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderers to submit tender offers in the second stage, following the issuing of procurement documents.

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

C.2 Tenderer's obligations

C.2.1 Eligibility

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

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

C.2.2 Cost of tendering

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

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

C.2.3 Check documents

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

C.2.4 Confidentiality and copyright of documents

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

C.2.5 Reference documents

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

C.2.6 Acknowledge addenda

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

C.2.7 Clarification meeting

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

C.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the **tender data**.

C.2.9 Insurance

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

C.2.10 Pricing the tender offer

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

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

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

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

C.2.11 Alterations to documents

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

C.2.12 Alternative tender offers

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

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

C.2.12.3 An alternative tender offer must only be considered if the main tender offer is the winning tender.

C.2.13 Submitting a tender offer

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

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

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

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

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

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

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

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

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

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

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

C.2.15 Closing time

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

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

C.2.16 Tender offer validity

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

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

C.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period lapses before the employer evaluating the tender offer(s), the contractor reserves the right to review the price based on Consumer Price Index (CPI)

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

C.2.17 Clarification of tender offer after submission

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

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

C.2.18 Provide other material

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

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

C.2.19 Inspections, tests and analysis

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

C.2.20 Submit securities, bonds and policies

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

C.2.21 Check final draft

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

C.2.22 Return of other tender documents

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

C.2.23 Certificates

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

C.3 The employer's undertakings

C.3.1 Respond to request from the tenderer

C.3.1.1 Unless otherwise stated in the **tender data**, respond to a request for clarification received up to five (5) working days before the tender closing time stated in the **tender data** and notify all tenderers who collected tender documents.

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

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

C.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three (3) days before the tender closing time stated in the **tender data**. If, as a result a tenderer applies for an extension to the closing time stated in the **tender data**, the Employer may grant such extension and, shall then notify all tenderers who collected tender documents.

C.3.3 Return late tender offers

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

C.3.4 Opening of tender submissions

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

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

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

C.3.5 Two-envelope system

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

C.3.5.2 Evaluate the functionality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the functionality evaluation more than the minimum number of points for functionality stated in the **tender data**, and announce the score obtained for the technical proposals and the total price and any points claimed on BBEE status level. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for functionality.

C.3.6 Non-disclosure

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

C.3.7 Grounds for rejection and disqualification

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

C.3.8 Test for responsiveness

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

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

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

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

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

C.3.9 Arithmetical errors, omissions and discrepancies

C.3.9.1 Check Responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.

C.3.9.2 Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with F.3.11 for:

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

C.3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices

C.3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:

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

C.3.10 Clarification of a tender offer

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

C.3.11 Evaluation of tender offers

The Standard Conditions of Tender standardize the procurement processes, methods and procedures from the time that tenders are invited to the time that a contract is awarded. They are generic in nature and are made project specific through choices that are made in developing the Tender Data associated with a specific project.

Conditions of tender are by definition the document that establishes a tenderer's obligations in submitting a tender and the employer's undertakings in soliciting and evaluating tender offers. Such conditions establish the rules from the time a tender is advertised to the time that a contract is awarded and require employers to conduct the process of offer and acceptance in terms of a set of standard procedures

The CIDB Standard Conditions of Tender are based on a procurement system that satisfies the following system requirements:	
Requirement	Qualitative interpretation of goal
Fair	The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.
Equitable	Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.
Transparent	The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.
Competitive	The system provides for appropriate levels of competition to ensure cost effective and best value outcomes.
Cost effective	The processes, procedures and methods are standardized with sufficient flexibility to attain best value outcomes in respect of quality, timing and price, and least resources to effectively manage and control procurement processes.

The activities associated with evaluating tender offers are as follows:

- a) Open and record tender offers received
- b) Determine whether or not tender offers are complete
- c) Determine whether or not tender offers are responsive
- d) Evaluate tender offers
- e) Determine if there are any grounds for disqualification
- f) Determine acceptability of preferred tenderer
- g) Prepare a tender evaluation report
- h) Confirm the recommendation contained in the tender evaluation report

C.3.11.1 General

The employer must appoint an evaluation panel of not less than three persons conversant with the proposed scope of works to evaluate each responsive tender offer using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

C.3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the **contract data**, require the employer to provide.

C.3.13 Acceptance of tender offer

Accept tender offer, if in the opinion of the employer, it does not present any risk and only if the tenderer:

- a) Is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,

- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
- c) has the legal capacity to enter into the contract,
- d) is not; insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act No. 2008, bankrupt or being wound up, has his/her affairs administered by a court or a judicial officer, has suspended his/her business activities or is subject to legal proceedings in respect of any of the foregoing;
- e) complies with the legal requirements, if any, stated in the **tender data**, and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

C.3.14 Prepare contract documents

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

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

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

C.3.15 Complete Adjudicator's Contract

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

C.3.16 Registration of the Award

An Employer must, within twenty-one (21) working days from the date on which a contractor's offer to perform a construction works contract is accepted in writing by the employer, register and publish the award on the cidb Register of Projects.

C.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the tender data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

C.3.18 Provide written reasons for actions taken

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

T1.4 - Special Conditions of Tender

Note: Where this document refers to Bid or Bidder it shall be read as tender or tenderer

1 Special Conditions

1.1 Action

- 1.1.1 Conceptual design information has been provided by the employer at the time of tender. Further development of the designs shall be done by the tenderer while complying to the required Construction and Health standards. Upon the commencement of the contract, the service provider is to develop the conceptual designs provided by DOH and shall be deemed acceptable only when it has been approved by the Health Infrastructure Approval Committee (HIAC).
- 1.1.2 The design development stage must take no more than 3 months from starting date. The Contractor shall be responsible to conduct all required presentations to HIAC to seek approval to proceed to the next stage.
- 1.1.3 Provisional Bills of Quantities have been included in this tender by the employer at the time of tender and shall serve as a cost basis for the project but the project value is subject to change during the course of the development of the design.
- 1.1.4 The tenderer is to submit a schedule of rates based upon the approved (by HIAC) developed detailed design (if unscheduled items are identified) which shall be used throughout the contract to supplement the priced contract provisional bills of quantities compiled by the employer. The schedule of rates are to be provided upon the approval of the developed design prior to construction. The rates shall be reviewed by the directly appointed Quantity Surveyor. Based on the developed design the appointed contractor is to utilize these rates provided at tender to execute the works during construction.
- 1.1.5 Should there be items deemed as unforeseeable, which are identified within the course of the contract, the contractor is to provide three (3) quotations to the project leader for evaluation and approval before proceeding with the works. The percentage of the mark up provided on tender (in the Priced Tender Provisional BoQ for provisional Sums items) shall be then be applicable as the mark up to be imposed throughout the duration of the project.

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH
CENTRE**

PART T2 - RETURNABLE DOCUMENTS

T2.1 LIST OF RETURNABLE DOCUMENTS

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Project Manager:	Mr Deon Van Wyk	Tender no:	ZNB 5641/2023-H

STAGE 1 VERIFICATION: MINIMUM MANDATORY / COMPULSORY REQUIREMENTS FOR TENDER EVALUATION PURPOSES

(Tenderer to Insert a tick (✓) in the "Returnable document" column to check which documents he/she returned with the tender)

Document name	Returnable document	
Invitation to Tender - SBD 1 (T2.37)	Yes	
Bidder's Disclosure - SBD 4 (T2.11)	Yes	
Authority to Sign Tender (T2.2)	Yes	
Authority for Consortia or Joint Venture's to Sign Tender (T2.3)	Yes	
Special Resolution of Consortia or Joint Venture's (If applicable) (T2.4)	Yes	
Joint Venture Involvement Declaration (If applicable) (T2.5)	Yes	
Financial Standing and other resources of Business Declaration (T2.8)	Yes	
Site Inspection Certificate as proof for attendance of compulsory briefing meeting (T2.10)	Yes	
Record of Addenda to Tender Documents (T2.12)	Yes	
Schedule of Imported Materials and Equipment (T2.14)	Yes	
Latest Audited Annual Financial Statement (T2.15a)	Yes	
Contractor's Safety, Health and Environmental Declaration. (T2.17)	Yes	
Compulsory Enterprise Questionnaire (T2.18)	Yes	
Tax Compliance Status (TCS) PIN to verify on line Compliance Supplier Status via e-Filing (T2.19)	Yes	
Proof of Good Standing with the Compensation Commissioner (Attach) (T2.20)	Yes	
Form of Offer and Acceptance (Bound into Section 1 of 2) (T2.21)	Yes	
Proof of UIF Registration - Not Applicable (T2.24)	No	N/A
The National Industrial Participation Programme (T2.25)	Yes	
Proof of Registration Number on the Central Suppliers Database (T2.27)	Yes	
Complete Priced Bill of Quantities	Yes	

DOCUMENTS REQUIRED FOR THE EVALUATION OF MANDATORY TECHNICAL CRITERIA (IF APPLICABLE) - T2.29

(Tenderer to Insert a tick (✓) in the "Returnable document" column to check which documents he/she returned with the Tender)

Tender document requirement	Returnable	
Submission of a valid Policy/Letter confirming the Professional Indemnity (PI) for each professional individual or consolidated for the entire Professional team.	Yes	
Submission of CV's on the provided "CV template" (please see Annexure 4, for the CV template) for the mandatory Professional team. Valid professional registration certificates to be attached (as proof), to determine team experience	Yes	
Submission of one (1) "Completion Certificate" or "Completion letter from Client" of a project addressed to the Tenderer's Consultants Professional Team's to conduct a project of General Building or of similar nature and value equivalent to CIDB 7 or Higher.	Yes	

Submission of the mandatory registered Professional project team orgonogram.	Yes	
--	-----	--

Note:

>The documents, as stated in the above table if applicable, must be submitted with the tender by the closing date and time as determined by the KZN Department of Health. Should these documents not be submitted by the tenderer as required, then the tender will be declared as non-responsive and will be disqualified. Should the tenderer submit the required documentation but the evaluation committee requires further clarity/information to conduct their assessment, then the tenderer may be contacted to provide this additional information failing which the tenderer shall be eliminated from the evaluation process.

STAGE 2 DOCUMENTS REQUIRED FOR THE EVALUATION OF FUNCTIONALITY - T2.36

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

Tender document requirement	Returnable	
#REF!	Yes	
#REF!	Yes	
#REF!	Yes	

STAGE 3 EVALUATION OF PRICE AND PREFERENCE - T2.9

The Department has identified the following specific goal:

- full points(20 points) to companies who are at least 51% Owned by Black People

Ownership verification will be conducted through Central Suppliers Database by National Treasury, through the B-BBEE scorecard attributes or Companies and Intellectual Property Commission (CIPC), using Municipal Local Economic Development Database, Confirmation Letters from Municipality and councillors

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

Document name	Returnable document	
Proof of ownership in the form of printouts from CSD or CIPC clearly indicating ownership details.	Yes	

T2.2 AUTHORITY TO SIGN TENDER

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

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

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

RESOLVED that:

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

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE

Tender Number: **ZNB 5641/2023-H**

2.

*Mr./Mrs./Ms: _____

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

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

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

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			

Note:

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

ENTERPRISE STAMP (If Any)

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

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

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

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

RESOLVED that:

1. The Enterprise submits a Tender, in consortium/Joint Venture with the following Enterprises:

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

to the KZN Department of Health in respect of the following project:

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE

Tender Number: **ZNB 5641/2023-H**

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

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

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

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

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

Physical address: _____

(Postal Code)

Postal Address: _____

(Postal Code)

Telephone number: (Dialling Code followed by number) _____

Fax number: (Dialling Code followed by number) _____

Email Address : _____

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

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

Note:

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

ENTERPRISE STAMP (If Any)

<u>Deemed to satisfy joint venture arrangements</u>
Grading 2 + Grading 2 + Grading 2
Grading 3 + Grading 3 + Grading 3
Grading 4 + Grading 4
Grading 4 + Grading 3 + Grading 3
Grading 5 + Grading 5
Grading 5 + Grading 4 + Grading 4
Grading 6 + Grading 6
Grading 6 + Grading 5 + Grading 5
Grading 7 + Grading 7 + Grading 7
Grading 8 + Grading 8 + Grading 8

<u>Designation</u>	
= 3	Tenderers who envisage entering into a Joint Venture shall complete a submit a Joint Venture Agreement (see copy of CIDB's agreement elsewhere in this document) with this Tender.
= 4	
= 5	
= 5	
= 6	
= 6	
= 7	
= 7	
= 8	
= 9	

T2.4 SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

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

2.

3.

4.

5.

6.

7.

8.

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

RESOLVED that:

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

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE

Tender Number: **ZNB 5641/2023-H**

Project Code: **N/A**

B. Mr/Mrs/Ms: _____ in

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

and who will sign as follows: _____

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

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

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

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

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

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

Physical address: _____

(Postal Code)

Postal Address: _____

(Postal Code)

Telephone number: (Dialling Code followed by number) _____

Fax number: (Dialling Code followed by number) _____

Email Address : _____

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

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

Note:

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

T2.5 JOINT VENTURES INVOLVEMENT DECLARATION

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

DECLARATION RELATING TO A TENDER SUBMITTED BY A JOINT VENTURE :

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

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

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

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

Signed - Party No. 1

I/We (*Full Name*) _____

duly authorised in my capacity as _____

of (*Enterprise name*): _____

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

Signed by Authorised Representative

Date

Signed - Party No. 2

I/We (*Full Name*) _____

duly authorised in my capacity as _____

of (*Enterprise name*): _____

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

Signed by Authorised Representative

Date

Signed - Party No. 3

I/We (*Full Name*) _____

duly authorised in my capacity as _____

of (*Enterprise name*): _____

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

Signed by Authorised Representative

Date

T2.8 FINANCIAL STANDING AND OTHER RESOURCES OF BUSINESS DECLARATION

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

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

I, the undersigned,

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

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

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

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

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

Full Name of Signatory

Name of Enterprise

Capacity of Signatory

Signature of authorised representative

T2.9 PREFERENCE POINTS CLAIM - SBD 6.1

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for Specific Goals.

BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022.

1. GENERAL CONDITIONS

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

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

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

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

(a) Price points and	90
(b) Specific Goals	10

1.4 The maximum points for this tender are allocated as follows:

	POINTS
PRICE	90
SPECIFIC GOALS	10
TOTAL POINTS FOR PRICE AND SPECIFIC GOALS	100

- on 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for tra specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed. cti ng
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2 DEFINITIONS

- (a) “tender” means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) “price” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) “rand value” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) “tender for income-generating contracts” means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) “the Act” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3 FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1 POINTS AWARDED FOR PRICE

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

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

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

Where:

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

3.2 FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1 POINTS AWARDED FOR PRICE

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

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

Where:

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

4 POINTS AWARDED FOR SPECIFIC GOALS

4.1 In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2 In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

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

The specific goals allocated points in terms of this tender	Number of points allocated 90/10 system	Number of points allocated 90/10 system (to be completed by the tender)
Companies who are at least 51% Owned by Black People	10	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3 Name of company/firm: _____

4.4 Company registration number: _____

4.5 TYPE OF COMPANY/ FIRM

Partnership/Joint Venture / Consortium

<input type="checkbox"/>	One-person business/sole propriety
<input type="checkbox"/>	Close corporation
<input type="checkbox"/>	Public Company
<input type="checkbox"/>	Personal Liability Company
<input type="checkbox"/>	(Pty) Limited
<input type="checkbox"/>	Non-Profit Company
<input type="checkbox"/>	State Owned Company

[Tick applicable box]

4.6 I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

.....

T2.10 SITE INSPECTION MEETING CERTIFICATE

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A
Site Inspection Date:		21 August 2023	

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

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

I declare that my representative is technically capable and knowledgeable to represent my company in the meting. I further confrim that my representative's attendance at this site meeting, shall be deemed conclusive proof that my Enterprise is fully aware of what was said and discussed at this meeting.

Name of Tenderer	Signature	Date

Name of DOH Representative	Signature	Date

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

Departmental Stamp:

T2.11 BIDDER'S DISCLOSURE - SBD 4

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having controlling interest¹ in the enterprise, employed by the state? **YES / NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of institution	State

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES / NO**

2.2.1 If so, furnish particulars:

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

2.3. Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES / NO**

2.3.1 If so, furnish particulars:

3. DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

Signature

Date

Position

Name of Bidder

T2.12 RECORD OF ADDENDA TO TENDER DOCUMENTS

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

The undersigned confirm that the following communications received from the employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details	No. of Pages
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			

Attach Additional Pages if more space is required

If it is found that the Tenderer has failed to incorporate any addendum into their tender document, the tender will be deemed non-responsive

Signed		Date	
Name		Position	
Tenderer			

T2.14 SCHEDULE FOR IMPORTED MATERIALS AND EQUIPMENT

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

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

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

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

These net amounts will be adjusted as follows:

FORMULA:

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

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

A = the amount (R) of adjustment

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

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

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

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

Name of authorised representative	Signature	Date

T2.15a LATEST 12 MONTH ANNUAL FINANCIAL STATEMENT

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

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

NOTE

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

ATTACH COMPANY LATEST 12 MONTHS ANNUAL FINANCIAL STATEMENTS TO THIS PAGE

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

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

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

DECLARATION

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

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

Full Name of Signatory

Name of Enterprise

Capacity of Signatory

Signature of authorised representative of Tenderer

T2.18 Compulsory Enterprise Questionnaire

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

Section 1: Name of enterprise:	
Section 2: VAT registration number, if any:	
Section 3: CIDB registration number, if any:	
Section 4: CSD Number:	

Section 5: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

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

Section 6: Particulars of companies and close corporations

Company registration number	
Close corporation number	
Tax reference number	

Section 7: SBD4 issued by National Treasury must be completed for each tender and be attached as a tender requirement

Section 8: SBD6 issued by National Treasury must be completed for each tender and be attached as a tender requirement

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

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

Signed		Date	
Name			
Contracting Party: _____			
Enterprise name			

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

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

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 tenderer's tax obligations. It is a condition of this Offer of Commission that your practice remains in good standing with SARS (South African Revenue Services) in terms of its tax clearance.

1. In order to meet this requirement Tenderders 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 tenderer 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.

IMPORTANT NOTICE

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

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

Name of Tenderer:

Signature of tenderer:

Date:

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

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
	ZNB 5641/2023-H	Project Code:	N/A

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

NOTE

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

T2.21 - FORM OF OFFER AND ACCEPTANCE

Tender no:

OFFER

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

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE

The Tenderer, identified in the Offer signature block, has examined the documents listed in the Tender Data and Addenda thereto as listed in the Returnable Schedules, and by submitting this Offer has accepted the Conditions of Tender.

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

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS:

Amount (in words):	
Amount in figures:	R

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

Signature (s)			
Name (s)			
Capacity			
For the tenderer			
	(Name and address of tenderer)		
Name and signature of witness			Date

ACCEPTANCE

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

The terms of the contract, are contained in:

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

The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

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

Signature (s)			
Name (s)			
Capacity			
For the employer			
	<i>(Name and address of employer)</i>		
Name and signature of witness			

Schedule of Deviations

Notes:

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

1.1.1. Subject:

Details:

1.1.2. Subject:

Details:

1.1.3. Subject:

Details:

1.1.4. Subject:

Details:

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance.

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

T2.22 - FINAL BILL OF QUANTITY SUMMARY

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
	ZNB 5641/2023-H	Project Code:	N/A

ATTACH SUMMARY PAGE OF THE BILL OF QUANTITIES

T2.21a CONFIRMATION OF RECEIPT

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE

Tender no.:	ZNB 5641/2023-H	Project Code:	N/A
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The Tenderer (now Contractor), identified in the Offer part of this Agreement hereby confirms receipt from the Employer, identified in the Acceptance part of this Agreement, of one fully completed original copy of this Agreement, including the Schedule of Deviations (if any) today:

the _____ (day)

of _____ (month)

_____ (year)

at _____ (Place)

For the Contractor:

Signature

Name

Capacity

Signature and name of witness:

Signature

Name

T2.25 THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

This document must be signed and submitted together with your tender

INTRODUCTION

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

1 PILLARS OF THE PROGRAMME

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

2 REQUIREMENTS OF THE DEPARTMENT OF TRADE AND INDUSTRY

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

3 Tender SUBMISSION AND CONTRACT REPORTING REQUIREMENTS OF TenderDERS AND SUCCESSFUL TenderDERS (CONTRACTORS)

- 3.1 Tenderders are required to sign and submit this Standard Tendering Document (SBD 5) together with the Tender on the closing date and time.

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

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

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

ntracting

4 PROCESS TO SATISFY THE NIP OBLIGATION

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

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

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

Tender number:	_____	Closing date:	_____
Name of tenderer:	_____		
Postal address:	_____ _____		
Signature:	_____	Name (in print):	_____
Date:	_____		

T2.27 - PROOF OF REGISTRATION ON CENTRAL SUPPLIERS DATABASE

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Bid no:	ZNB 5641/2023-H	Project Code:	N/A

ATTACH A COPY OF PROOF, THAT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIERS DATABASE TO THIS PAGE FOR ADJUDICATION PURPOSES

NOTE

In the case of a Tender by a Joint Venture, copies of proof of registration on the Central Suppliers Data Base in respect of each party to the Joint Venture must be attached to this page

T2.28 - PROOF OF CIDB REGISTRATION NUMBER

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no.:	ZNB 5641/2023-H	Project Code:	N/A

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

NOTE

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

T2.29 MANDATORY TECHNICAL CRITERIA

The following section contains the Mandatory Technical requirements for this bid and may include but is not limited to equipment/plant requirements, personnel requirements, minimum level of experience, professionals required, certifications required, minimum financial requirements, etc. Should the tenderer fail any of the criteria in T2.29, the tender will be deemed non-responsive and will be excluded from further evaluation.

T2.29 Mandatory Technical Criteria

Successful tenderers must pass all technical criteria as set out below. If below table is blank then Mandatory Technical Criteria is not applicable on this tender.

Criteria	Deliverables	Scoring bands	Sub-Scoring		Scoring and Comments (FOR USE BY EVALUATION COMMITTEE)
1. Valid Professional Indemnity (PI) for each professional discipline or consolidated for the entire Professional team	Submission of a valid Policy/Letter confirming the Professional Indemnity (PI) for each professional individual or consolidated for the entire Professional team. For each Professional discipline the applicable PI is as follows: <ul style="list-style-type: none"> • Professional Architect (PI = R25 million) • Professional Civil/Structural Engineer/Technologist (PI = R25 million) • Professional Mechanical Engineer/Technologist (PI = R25 million) • Professional Electrical Engineer/Technologist (PI = R25 million) • Professional Fire Engineer/Technologist (fire specialist) (PI = R25 million) • Professional Quantity Surveyor (PI = R25 million) • Professional Health & Safety Agent (PI = R10 million) 	Pass / Fail	Pass	Submission of a valid Policy/Letter confirming the Professional Indemnity (PI) for each Engineering individual or consolidated for the entire Professional team, matching or exceeding the prescribed minimum cover required.	
			Fail	Submission of a valid Policy/Letter confirming the Professional Indemnity (PI) for each Engineering individual or consolidated for the entire Professional team, NOT matching or LESS than the prescribed minimum cover required. or NO submission of a valid Policy/Letter confirming the Professional Indemnity (PI) for each Engineering individual or consolidated for the entire Professional team,	
2. CV's plus valid copies of professional registration certificate, for the mandatory Professional team	Submission of CV's on the provided "CV template" (please see Annexure 4, for the CV template) for the following mandatory Professional team. Valid professional registration certificates to be attached (as proof), to determine team experience, please indicate level of experience for each individual as stated below: <ul style="list-style-type: none"> • Professional Architect 7 years post SACAP registration • Professional Civil/Structural Engineer/Technologist 7 years post ECSA registration • Professional Mechanical Engineer/Technologist 7 years post ECSA registration • Professional Electrical Engineer/Technologist 7 years post ECSA registration • Professional Fire Engineer/Technologist (fire specialist) 7 years post ECSA registration. • Professional Quantity Surveyor 7 years post SACQSP registration. • Professional Health & Safety Agent: 3 years post Professional registration 	Pass / Fail	Pass	Submission of detailed CV's on the provided "CV template" plus valid registration certificate, for the mandatory Professional team that fully meets the prescribed minimum threshold.	
			Fail	Submission of detailed CV's on the provided "CV template" plus valid registration certificate, for the mandatory Professional team that does NOT fully meet the prescribed minimum threshold. or NO submission of detailed CV's on the provided "CV template" plus valid registration certificate, for the mandatory Professional team.	
3. Tenderer's Consultants Professional Team's experience on conducting projects of General Building or of similar nature and value equivalent to CIDB 8 or Higher	Submission of three (3) "Completion Certificate" or "Completion letter from Client" of a project addressed to the Tenderer's Consultants Professional Team's (for each discipline) to conduct a project of General Building or of similar nature and value equivalent to CIDB 8 or Higher.	Pass / Fail	Pass	Submission of three (3) "Completion Certificate" or "Completion letter from Client" of a project addressed to the Tenderer (for each discipline) to conduct a project of General Building or of similar nature and value equivalent to CIDB 8 or Higher.	
			Fail	NO submission of three (3) "Completion Certificate" or "Completion letter from Client" of a project addressed (for each discipline) to the Tenderer to conduct a project of General Building or of similar nature and value equivalent to CIDB 8 or Higher.	
4. Registered Professional project team organogram	Submission of the following mandatory registered Professional project team organogram for: <ul style="list-style-type: none"> • Professional Architect • Professional Civil/Structural Engineer/Technologist • Professional Mechanical Engineer/Technologist • Professional Electrical Engineer/Technologist • Professional Fire Engineer/Technologist (fire specialist) • Professional Quantity Surveyor • Professional Health & Safety Agent 	Pass / Fail	Pass	Submission of registered Professional project team organogram	
			Fail	NO submission of registered Professional project team organogram	
5. Relevant Construction Guarantee	Provide Relevant Construction Guarantee per CIDB stipulation (Issued by accredited Insurance licensed companies NOT solely National Credit Regulator (NCR) licenced) of not less than 10% of the offer. (Letter of Intent to be Provided)	Pass / Fail	Pass	Submission of Relevant Construction Guarantee per CIDB stipulation (Issued by accredited Insurance licensed companies NOT solely National Credit Regulator (NCR) licenced) of not less than 10% of the offer. (Letter of Intent to be Provided)	

				Fail	NO submission of Relevant Construction Guarantee per CIDB stipulation (Issued by accredited Insurance licensed companies NOT solely National Credit Regulator (NCR) licenced) of not less than 10% of the offer. (Letter of Intent to be Provided)
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T2.30 CONTRACT FORM - PURCHASE OF GOODS/WORKS-Part 1

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

PART 1 (TO BE FILLED IN BY THE TENDERER)

1. I hereby undertake to supply all or any of the goods and/or works described in the attached tendering documents to Head of Health (Department of Health: Province of KwaZulu-Natal) in accordance with the requirements and specifications stipulated in tender number ZNB 5641/2023-H at the
2. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - (i) Tendering documents, viz
 - Invitation to tender;
 - Tax Compliance Status (TCS) **PIN**;
 - Pricing schedule(s);
 - Technical Specification(s);
 - Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2011;
 - Declaration of interest;
 - Declaration of Tenderder's past SCM practices;
 - Certificate of Independent Tender Determination
 - Special Conditions of Contract;
 - (ii) NEC3 April 2013 Option B; and
 - (iii) Other (specify)
3. I confirm that I have satisfied myself as to the correctness and validity of my Tender; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the Tender documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
4. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract.
5. I declare that I have no participation in any collusive practices with any Tenderder or any other person regarding this or any other Tender.
6. I confirm that I am duly authorised to sign this contract.

NAME (PRINT): _____

CAPACITY: _____

SIGNATURE: _____

NAME OF FIRM: _____

DATE: _____

Witnesses:

1. _____

2. _____

Date: _____

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

PART 2 (TO BE FILLED IN BY THE PURCHASER)

1. I _____ in my capacity as _____

accepts your tender under reference ZNB 5641/2023-H dated _____ for the supply of goods/works indicated hereunder and/or further specified in the annexure(s).

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

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

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

SIGNED AT _____ ON _____
[Place] [Date]

NAME (PRINT): _____

SIGNATURE: _____

OFFICIAL STAMP:

Witnesses:

1. _____

2. _____

Date: _____

T2.32 - OHSE PLAN STRUCTURE

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

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

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE

**Please refer to Annexure 2 for a comprehensive
OHS specifications**

T2.33 - OHSE CLIENT SPECIFIC REQUIREMENTS

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE
Tender no:	ZNB 5641/2023-H
Project Code:	N/A

Please refer to Annexure 2 for a comprehensive OHS specifications

T2.34 - BASELINE RISK ASSESSMENT

Project title:

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW
COMMUNITY HEALTH CENTRE**

Tender no:

ZNB 5641/2023-H

Project Code:

N/A

**Please refer to Annexure 2 for a comprehensive OHS
specifications**

Contracting Party: _____

T2.36 - Functionality Criteria

The threshold score, below which tenderers are eliminated from further consideration is 60 points

MTUBATUBA COMMUNITY HEALTH CENTRE

TENDER EVALUATION CRITERIA AND SCORING

The weighting for Functionality is as follows:

Evaluation Criteria	Deliverables	Points	Sub-Points	Sub-Criteria
1. Financial Standing	Submit copies of Audited Financial Statements, for the past two (2) Financial Years (2021 & 2022 financial years), clearly reflecting the following : i) Liquidity - ability to settle short-term debt ii) Debt Management/Insolvency = Percentage of total assets provided by creditors iii) Profitability = measure of profitability independent of enterprise's financing and tax position and iv) Financial Stability /Sustainability & Going Concern	20 Points		Audited Financial Statements; for the past two (2) Financial Years (2021 & 2022 financial years), clearly reflecting:
			5	i) Liquidity - ability to settle short-term debt - Acid Test Ratio = Current Assets (exc inventory)/Current Liability = not less than 50%
			5	ii) Debt Management/Insolvency = Percentage of total assets provided by creditors - Total Debt/Total Assets recommended maximum of 60% Debt & 40% Equity
			5	iii) Profitability = measure of profitability independent of enterprise's financing and tax position - Operating margin = EBIT/Sales recommended minimum of 20% threshold
			5	iv) Financial Stability /Sustainability & Going Concern - Net Asset Value (NAV) - positive recommended threshold of NAV/Total Assets minimum of 20%
2. Competency, Experience and Resource Capacity	Tenderer to demonstrate their technical competency, human resource capacity and relevant project experience. Letters of award to be attached and practical completion certificate for completed projects in the preceding 7 years	25 Points	25 Sub-points	Schedule of experience on 4 or more general building projects (CIDB grading values of 7GB and over) – letters of award and practical completion certificates to be attached for projects completed in the preceding 7 years
			10 Sub-points	Schedule of experience on 3 or more general building projects of similar value (CIDB grading values of 7GB and over) – letters of award and practical completion certificates to be attached for projects completed in the preceding 7 years
			0 Sub-points	No relevant experience in building projects of similar value in the preceding 7 years or requested documents not provided
		15 Points	15 Sub-points	Schedule of experience on 2 or more general building projects of similar value in the Health Sector (CIDB grading values of 7GB and over) – letters of award and practical completion certificates to be attached for projects completed in the preceding 7 years
			5 Sub-points	Schedule of experience on 1 or more general building projects of similar value in the Health Sector (CIDB grading values of 7GB and over) – letters of award and practical completion certificates to be attached for projects completed in the preceding 7 years
			0 Sub-points	No relevant experience in Health Projects of similar value in the preceding 7 years or requested documents not provided
3. Tenderer's Project Management Structure and Organogram and Experience of Resources Proposed for the Project	Tenderer to submit a detailed project organogram that sets out the roles and responsibilities of each proposed team member, which is backed up by their curriculum vitae that demonstrates extensive experience	10 Points	10 Sub-points	Submission of a detailed organogram detailing technical key resources forming part of the project along with their responsibilities.
			15 Points	15 Sub-points
		15 Points	5 Sub-points	All key project resources have more than (6) years' experience in the construction industry. Resources are to include but not limited to Contracts Manager/Site Agent, Site Foreman including an individual with a Quantity Surveying background
			0 Sub-points	No submission provided or submission does not comply with conditions stated
			15 Points	15 Sub-points
		0 Sub-points	No submission provided or CV lacks sufficient detail in terms of experience and qualifications	

TENDER EVALUATION CRITERIA AND SCORING PRICE AND SPECIFIC GOALS

Evaluation Criteria	Deliverables	Points
Price	The lowest responsive and responsible priced offer shall be allocated 80 points. All other responsive and responsible offers shall be allocated a prorated point value based on the lowest responsive and responsible priced offer.	80 Points
Specific Goals	The points allocated to each tenderer for Specific Goals. In this regard, the points score for this criteria for each tenderer, shall be determined as follows: - full points(20 points) to companies who are at least 51% Owned by Black People	20 Points

PART A
INVITATION TO TENDER - SBD 1

YOU ARE HEREBY INVITED TO TENDER FOR REQUIREMENTS OF THE KWA-ZULU NATAL DEPARTMENT OF HEALTH

TENDER NUMBER: ZNB 5641/2023-H	CLOSING DATE: 6-Sep-23	CLOSING TIME: 11:00
---------------------------------------	-------------------------------	----------------------------

DESCRIPTION

THE SUCCESSFUL TENDERER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT

TENDER RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE TENDER BOX SITUATED AT *(STREET ADDRESS)*

SUPPLIER INFORMATION

NAME OF TENDERER

POSTAL ADDRESS

STREET ADDRESS

TELEPHONE NUMBER

CODE

NUMBER

CELLPHONE NUMBER

FACSIMILE NUMBER

CODE

NUMBER

E-MAIL ADDRESS

VAT REGISTRATION NUMBER

TCS PIN:

CSD No:

B-BBEE STATUS LEVEL
VERIFICATION CERTIFICATE
(Tick YES or NO)

Yes

No

B-BBEE STATUS LEVEL SWORN AFFIDAVIT (Tick YES or NO)

Yes

No

If YES, State the name of the verification agency accredited by SANAS

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT(FOR EMEs& QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?

Yes

NO

[IF YES ENCLOSE PROOF]

ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES

YES

NO

(IF YES ANSWER PART B:3 BELOW)

SIGNATURE OF TENDERER

DATE

CAPACITY UNDER WHICH THIS TENDER IS SIGNED
(Attach proof of authority to sign this tender; e.g. resolution of directors, etc.)

TOTAL NUMBER OF ITEMS OFFERED

TOTAL TENDER PRICE (ALL INCLUSIVE)

TenderDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:

TECHNICAL INFORMATION MAY BE DIRECTED TO:

DEPARTMENT / PUBLIC ENTITY

CONTACT PERSON

CONTACT PERSON

TELEPHONE NUMBER

TELEPHONE NUMBER

FACSIMILE NUMBER

FACSIMILE NUMBER

E-MAIL ADDRESS

E-MAIL ADDRESS

PART B

1. Tender SUBMISSION:				
1.1. TENDERS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE TENDERS WILL NOT BE ACCEPTED FOR CONSIDERATION.				
1.2. ALL TENDERS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR ONLINE				
1.3. TENDERERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES). B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE MUST BE SUBMITTED TO TENDERING INSTITUTION.				
1.4. WHERE A TENDERER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE TENDER DOCUMENTATION. B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE MUST BE SUBMITTED TO TENDERING INSTITUTION.				
1.5. THIS TENDER IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION OR SPECIAL CONDITIONS OF CONTRACT.				
2. TAX COMPLIANCE REQUIREMENTS				
2.1 TENDERERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.				
2.2 TENDERERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.				
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.				
2.4 TENDERERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE TENDER.				
2.5 IN TENDERS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER.				
2.6 WHERE NO TCS IS AVAILABLE BUT THE TENDERER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.				
3. QUESTIONNAIRE TO TENDERING FOREIGN SUPPLIERS				
3.1. IS THE TENDERER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	YES		NO	
3.2. DOES THE TENDERER HAVE A BRANCH IN THE RSA?	YES		NO	
3.3. DOES THE TENDERER HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	YES		NO	
3.4. DOES THE TENDERER HAVE ANY SOURCE OF INCOME IN THE RSA?	YES		NO	
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TAX COMPLIANCE STATUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.				
NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE TENDER INVALID.				



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH
CENTRE**

THE CONTRACT



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE

C1 - AGREEMENT AND CONTRACT DATA



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH
CENTRE**

FORM OF OFFER AND ACCEPTANCE



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE

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

HEALTH
REPUBLIC OF SOUTH AFRICA

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH
CENTRE**

C1.2 - CONTRACT DATA

C 1.2 CONTRACT DATA:	
with NEC3 Engineering and Construction Contract Option B - April 2013	
CONTRACT DATA FOR:	
UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE	
Tender no:	ZNB 5641/2023-H
CONTRACT SPECIFIC DATA	
The following contract specific data are applicable to this contract:	
Part 1: CONTRACT DATA PROVIDED BY THE EMPLOYER:	
Clause	Data
1	General
	<p>The conditions of contract are the core clauses and the clauses for main Option B clauses, cost components, contract data, dispute resolution Option W1 and secondary Options (incorporating amendments):</p> <p>X2: Changes in the law X5: Sectional Completion X7: Delay Damages X16: Retention Z: Additional conditions of contract of the NEC3 Engineering and Construction Contract April 2013</p>
	<p>The works are:</p> <p>UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE</p>
10.1	<p>The Employer is: Head of Health (KZN Department of Health: Province of KwaZulu-Natal)</p> <p>Postal address: Private Bag X 9051 Pietermaritzburg 3201</p> <p>Tel: 033 - 940 2400</p> <p>Physical address: 35 Hyslop Road Pietermaritzburg 3201</p> <p>The Project Manager is: TBC</p> <p>Agent's service: TBC</p> <p>Postal address: TBC TBC TBC</p> <p>Tel: TBC</p> <p>The supervisor is: TBC</p> <p>Address: TBC TBC TBC</p> <p>Tel: TBC</p>
	<p>The Adjudicator is: To be appointed by the Association of Arbitrators</p> <p>Address: 0 0 0</p> <p>Tel:</p>
11.2	<p>The Works Information is in: Part C3 'Scope of Works' section of this contract</p>
11.2	<p>The Site Information is in: Part C4 'Works Information' section of this contract</p>
11.2	<p>The boundaries of the site are: As confirmed by the DOH Project Leader</p>
13.1	<p>The language of the contract is: English</p>
12.2	<p>The law of the contract is the law of: The Republic of South Africa</p>

Clause	Data								
3	Time								
13.3	The period for reply is: 3 weeks								
	The Adjudicator nominating body is: To be appointed by the Association of Arbitrators								
	The Tribunal is: The tribunal is a South African court of law								
	The following matters will be included in the Risk Register: <ul style="list-style-type: none"> • Time constraints as the design is being developed and approved • Time constraints • Access to Working Areas Site Constraints - Operating within an approved budget 								
31.2	The Starting date is: TBC								
11.2	The Completion date is: 36 months from the Starting Date								
30.1	The Access date is: 3 months from the Starting Date								
11.2 (9)	The key dates and the conditions to be met are: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">PROJECT STAGE</th> <th style="text-align: left;">STARTING DATE</th> </tr> </thead> <tbody> <tr> <td>Design Development stage</td> <td>6 months from the starting date</td> </tr> <tr> <td>Construction stage</td> <td>30 months from Site Access Date</td> </tr> <tr> <td>Close-out stage</td> <td>3 months from succesful final completion of the Construction stage</td> </tr> </tbody> </table>	PROJECT STAGE	STARTING DATE	Design Development stage	6 months from the starting date	Construction stage	30 months from Site Access Date	Close-out stage	3 months from succesful final completion of the Construction stage
PROJECT STAGE	STARTING DATE								
Design Development stage	6 months from the starting date								
Construction stage	30 months from Site Access Date								
Close-out stage	3 months from succesful final completion of the Construction stage								
31.1	The Contractor submits a first (preliminary) programme with the tender by the tender closing date: Within two (2) weeks of the Starting Date								
32.2	The Contractor submits revised programmes at intervals no longer than: Eight (8) weeks								
35.1	The Employer is willing to take over the works before the completion date The Employer shall take over the works as soon as it is suitable for use								
36.1	The Project Manager may instruct the Contractor to submit a quotation for an acceleration to achieve completion before the Completion Date								
4	Testing and Defects								
42.2	The defects date is: Twelve (12) months after Completion of the whole of the works								
43.2	The defects correction period is: Two (2) weeks								
5	Payment								
50.1	The currency of this contract is the: South African Rand								
50.1	The assessment interval is: 4 weeks								
51.2	The period within which payment is made is: 30 days								
51.4	The interest rate is: <p>(a) in respect of interest owed by the employer, the interest rate is 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</p> <p>(b) in respect of interest owed to the employer, the interest rate is as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply</p>								
6	Compensation events								
60.1	The place where weather is to be recorded (on the Site) is: At the Construction Site Office and the records to be kept on site in a file clearly marked for this purpose. To be co-signed by an agreed designated person from the facility or the NEC3 Project Manager								
60.1	The weather measurements to be recorded for each calendar month are: <ul style="list-style-type: none"> • The cumulative rainfall (mm) • The number of days with rainfall more than 10mm • The number of days with minimum air temprature less than 0 degrees Celsius • The number of days with snow lying at 08H00 to 17H00 hours (GMT+2) 								

Note: An allowance of 3 days shall be made per month for inclement weather that disrupts works on the critical path as supported by the construction programme. Should the delay exceed 3 days, then the compensation event shall be assessed and may result in the extension of the Completion Date and/or Key Dates. There shall be no financial claims permitted due to delays caused by inclement weather. Rainfall of greater than 10mm per day is required to be proven to be considered for a delay due to inclement weather

Clause **Data**

The weather measurements are supplied by:
The contractor shall be responsible for installing and maintaining a rain gauge on site to serve as proof of quantity of rainfall. For each day of rain, the measurement must be checked, recorded and co-signed by the Project Manager or the designated individual at the facility

The weather data are records of past weather measurements for each calendar month which were recorded at:
N/A

And which are available from:
N/A

Where no recorded data are available
Rain delay claims shall be considered for days with rainfall in excess of 10mm that affect the critical path of the project. Furthermore the contractor is to allow for 3 days of inclement weather in their construction programme per month. A revision of the completion date due to inclement weather shall only be considered if in excess of 3 days per month where the affected days in excess of the 3 days may then be granted. There shall be no financial claims that will be permitted with any inclement weather claims.

8 Risk and insurance

84.1 **The Employer provides these insurances:**
None

84.2 **The Contractor provides the insurance stated in:**
The Insurance Table below. The insurances provide cover for events which are at the Contractor's risk from the starting date until the Defects

Insurance Table

Insurance Against	Minimum amount of cover or minimum limit of indemnity
Loss of or damage to the works, Plant and Materials	Contract Sum plus 30%
Loss of or damage to Equipment	The replacement cost
Liability for loss of or damage to property (except the works, Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the Contractor) caused by activity in connection with this contract	R20 million for any one event with cross liability so that the insurance applies to the Parties separately
Liability for death of or bodily injury to employees of the Contractor arising out of and in the course of their employment	As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of

The minimum limit of indemnity for insurance in respect of loss of or damage to property (except the works, Plant and Materials and R20 million for any one event with cross liability so that the insurance applies to the Parties separately

The minimum limit of indemnity for insurance in respect of death of or bodily injury to employees of the Contractor arising out of and As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993

If Option X5 (Sectional Completion) is used
The completion date for each section of work is:

Section	Description	Completion date
Section 1	Design Development stage	6 months from starting date
Section 2	Construction stage	30 months from Site Access date
Section 3	Close-out stage	3 months from Final Completion date

If Option X5 and X7 used together
Delayed damages for each section of work are:

Section	Description	amount per day
Section 1	Design Development stage	R 500.00 / day
Section 2	Construction stage	0.04% of contract sum / day
Section 3	Close-out stage	R 250.00 / day
Remainder	n/a	

If Option X7 (Delay Damages) is used (but not if Option X5 is also used)
Delay damages for Completion of the whole works are: n/a

If Option X13 (Performance Bond) is used

The amount of the performance bond is: none

If Option X16 (Retention) is used

The retention free amount is: N/A

The retention percentage is: 10%

If Option Z is used

The additional conditions of contract are:

Amendments to the Core Clauses

Z1 Identified and Defined Terms

Z2.1 Add to core clause 12.3:

Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the Project Manager, the Supervisor, or the Adjudicator does not constitute a waiver of rights, and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing

Z3 Communications

Z3.1 Add to core clause 13.5:

The project manager may extend the period for reply upon consultation with the Department of Health Project Leader to a communication if the Project Manager and the Contractor agree to the extension before the reply is due. The Project Manager notifies the Contractor of the extension which has been agreed with the approval by Department of Health Project Leader.

Z4 The Project Manager and the Supervisor

Z4.1 Amend core clause 14.2 to read as follows:

The Project Manager and the Supervisor may not delegate any of their actions without first obtaining prior approval from the assigned Department of Health Project Leader. If approval is granted, and after notifying the Contractor, an action of the Project Manager or his Supervisor in this contract includes an action by his delegate

Z4.2 Amend core clause 14.3 to read as follows:

The Project Manager, after obtaining approval from the employer, may give an instruction to the Contractor which changes the Works Information or a Key Date

Z5 Providing the Works

Z5.1 Delete core clause 20.1 and replace with the following:

The Contractor provides the works in accordance with the Works Information and warrants that the results of the Works, when complete, shall be fit for their intended purpose

Z6 Other Responsibilities:

Add the following at the end of core clause 27:

Z6.1 The Contractor shall have satisfied himself, prior to the Contract Date, as to the completeness, sufficiency and accuracy of all information

Z6.2 The Contractor shall be responsible for the correct setting out of the Works in accordance with the original points, lines and levels stated in

Z7 The Contractor's Design

Z7.1 Amend core clause 21.2 to read as follows:

The contractor submits the particulars of his design as the Works Information requires to the Project Manager and inevitably to the Department of Health Project Leader for presentation and approval by the Health Infrastructure Approval Committee (HIAC). A reason for not accepting the Contractor's design is that it does not meet HIAC requirements (Including IUSS standards etc), Works Information or the particular law.

The Contractor does not proceed with the relevant work until the Project Manager, HIAC and Department of Health Project Leader have accepted the design.

Z8 Acceleration

Z8.1 Amend core clause 36.1 to read as follows:

The Project manager upon approval by the Department of Health Project Leader may instruct the contractor to submit a quotation for an acceleration to achieve completion before the Completion Date. The Project Manager states changes to the Key Dates to be included in the quotation. A quotation for the acceleration comprises proposed changes to the Prices and a revised programme showing the earlier Completion Date and the changed Key Dates. The Contractor submits details of his assessment with each quotation.

Z9 Extending the defects date:

Add the following as a new core clause 46:

Z9.1 If the Employer cannot use the works due to a Defect, which arises after Completion and before the defects date, the defects date is

Z9.2 If part of the works is replaced due to a Defect arising after Completion and before the defects date, the defects date for the part of the

Z9.3 The Project Manager notifies the Contractor of the change to a defect date when the delay occurs. The period between Completion and an

Z10 Payment

Z10.1 Amend the first sentence of core clause 51.2 to read as follows:

Each certified payment is made within 30 calendar days from the date at which the Employer certifies the payment as being correct or, if a different period is stated in the Contract Data, within the period stated.

Each certified payment is made within 30 calendar days of the contractor's invoice date as per the contract data.

Z11 Compensation Events

Z11.1 Amend the first sentence of core clause 60.1 sub-clause (1) to read as follows:

The Project Manager, only after applying to and receiving written approval from the Employer (Head of Department: Health), gives an instruction changing the Works Information except

The Project Manager upon the approval of the Department of Health Project Leader gives an instruction changing the Works Information.

Z11.2 Amend core clause 60.1 sub-clause (13) to read as follows:

A weather measurement is recorded at the place as stated in the Contract Data

Z11.3 Core clause 60.1 sub-clause (15) is deleted

The Project Manager upon approval by the Department of Health Project Leader certifies take over of a part of the Works before both Completion and Completion Date.

Z12 Notifying Compensation Events

Z12.1 Amend the first paragraph of core clause 61.4 to read as follows:

If the Project Manager upon approval by the assigned Department of Health Project Leader decides that an event notified by the Contractor

- Arises from a fault of the contractor,
- Has not happened and is not expected to happen,
- Has no effect upon Defined Cost, Completion or meeting a Key Date or
- Is not one of the compensation events stated in this contract

he notifies the contractor of his decision that the Prices, the Completion Date and the Key Dates are not to be changed. If the Project Manager upon the approval of the assigned Department of Health Project Leader decides otherwise, he notifies the Contractor accordingly and instructs him to submit quotations.

Z13 Quotations for Compensation Events

Z13.1 Amend the first two sentences of core clause 62.3 to read as follows:

The Contractor submits a quotation upon three weeks of being instructed to do so by the Project Manager upon approval by the Department of Health Project Leader. The Project Manager with the approval of the Department of Health Project Leader replies within two weeks of the submission

Z15 Implementing Compensation Events

Z15.1 Amend core clause 65.1 to read as follows:

A compensation event is implemented when

- the Project Manager upon approval by the Department of Health Project Leader notifies his own assessment or
- a Contractor quotation is treated as having been accepted by the Project Manager and Department of Health Project Leader

Z16 Employer's Risks

Z16.1 Delete the following from core clause 80.1:

Loss or damage to the Works, Plant and Material due to

- War, civil war, rebellion, revolution, insurrection, military or usurped power,
- Strikes, riots and civil commotion not confined to the Contractor's employees or
- Radioactive contamination.

Z17 Termination

Z17.1 Add the following to core clause 91.1, at the second main bullet, fifth sub-bullet point, after the words "assets (R9) or": "business rescue

Amendment to the Secondary Option Clauses

Z18 Performance Bond

Z18.1 Amend the first sentence of clause X13.1 to read as follows:

The Contractor gives the Employer a performance bond, provided by a bank, accredited financial institution or accredited insurer which the Department of Health has accepted, for the amount stated in the contract data and in the formset out in the Works Information.

Z19 Limitation of liability:

Insert the following new clause as Option X18.6:

Z19.1 The Employer's liability to the Contractor for the Contractor's indirect or consequential loss is limited to R0.00

Z19.2 Notwithstanding any other clause in this contract, any proceeds received from any insurances or any proceeds which would have been

Additional Z Clauses

Z20 Cession, delegation and assignment

Z20.1 The Contractor shall not cede, delegate or assign any of its rights or obligations to any person without the written consent of the Employer,
 Z20.2 The Employer may cede and delegate its rights and obligations under this contract to any person or entity

Z21 Joint and several liability

Z21.1 If the Contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons, these persons are
 Z21.2 The Contractor shall, within 1 week of the Contract Date, notify the Project Manager and the Employer of the key person who has the
 Z21.3 The Contractor does not materially alter the composition of the joint venture, consortium or other unincorporated grouping of two or more

Z22 Ethics

Z22.1 The Contractor undertakes:
 Z22.1.1 not to give any offer, payment, consideration, or benefit of any kind, which constitutes or could be construed as an illegal or corrupt
 Z22.1.2 to comply with all laws, regulations or policies relating to the prevention and combating of bribery, corruption and money laundering to
 Z22.1.3 to declare all conflicts of interest to the employer, prior to the contract date or within 1 week of the conflict becoming known, that may
 Z22.1.4 to not enter into any undertaking and/or agreement which constitutes or could be construed as creating a conflict of interest between the
 Z22.2 The Contractor's breach of this clause constitutes grounds for terminating the Contractor's obligation to Provide the Works or taking any
 Z22.3 If the Contractor is found guilty by a competent court, administrative or regulatory body of participating in illegal or corrupt practices,

Z23 Confidentiality

Z23.1 All information obtained in terms of this contract or arising from the implementation of this contract shall be treated as confidential by the
 Z23.2 If the Contractor is uncertain about whether any such information is confidential, it is to be regarded as such until otherwise notified by the
 Z23.3 This undertaking shall not apply to –
 Z23.3.1 Information disclosed to the employees of the Contractor for the purposes of the implementation of this agreement. The Contractor
 Z23.3.2 Information which the Contractor is required by law to disclose, provided that the Contractor notifies the Employer prior to disclosure so
 Z23.3.3 Information which at the time of disclosure or thereafter, without default on the part of the Contractor, enters the public domain or to
 Z23.4 The taking of images (whether photographs, video footage or otherwise) of the works or any portion thereof, in the course of Providing the
 Z23.5 The Contractor ensures that all his Subcontractors abide by the undertakings in this clause

Z24 Employer's Step-in rights

Z24.1 If the Contractor defaults by failing to comply with his obligations and fails to remedy such default within 2 weeks of the notification of the
 Z24.2 The Contractor co-operates with the Employer and facilitates and permits the use of all required information, materials and other matter

Z25 Liens and Encumbrances

Z25.1 The Contractor keeps the Equipment used to Provide the Services free of all liens and other encumbrances at all times. The Contractor,

Z26 Intellectual Property

Z26.1 Intellectual Property ("IP") rights means all rights in and to any patent, design, copyright, trade mark, trade name, trade secret or other
 Z26.2 IP rights remain vested in the originator and shall not be used for any reason whatsoever other than carrying out the works
 Z26.3 The Contractor gives the Employer an irrevocable, transferrable, non-exclusive, royalty free licence to use and copy all IP related to the
 Z26.4 The written approval of the Contractor is to be obtained before the Contractor's IP made available to any third party which approval will not
 Z26.5 The Contractor shall indemnify and hold the Employer harmless against and from any claim alleging an infringement of IP rights ("the
 Z26.5.1 the Contractor's design, manufacture, construction or execution of the Works
 Z26.5.2 the use of the Contractor's Equipment, or
 Z26.5.3 the proper use of the Works
 Z26.6 The Employer shall, at the request and cost of the Contractor, assist in contesting any claim as described in Z14.5 and the Contractor may

Z27 Notification of a compensation event

Z27.1 In clause 61.3, delete the words "unless the event arises from the Project Manager or the Supervisor giving an instruction, issuing a

Z28 BBBEE Certificate

Z28.1 The Contractor shall be expected to present a compliant BEE Certificate prior to signing the contract. Failure to do adhere to these

Z29 Approvals

Z29.1 Notwithstanding any clauses contained within this contract to the contrary, the Head of Department: Health is the sole party that reserves

PART 2: DATA PROVIDED BY THE CONTRACTOR

Completion of the data in full, according to the Options chosen, is essential to create a complete contract.

Statements given in all contracts

The Contractor's is (Name):

Address:

Defined cost in the form of Contract Sum including Design Development and Close
 (Contract Sum to be carried over to the form of offer and acceptance)
 Offer

Contract Sum in words:

The working areas are the Site and:

The key people are:

1. Name:

Job:

Responsibility:

Qualifications:

Experience:

2. Name:

Job:

Responsibility:

Qualifications:

Experience:

Should additional space for entry of key people be required, please attach a separate page with this information to this section

The following matters will be included in the Risk Register:

A. Data for Schedule of Cost Components

Please note that the information listed under this section is subject to review and acceptance by the Project Manager. Inclusion of any rates

The listed items of Equipment purchased for work on this contract, with an cost charge, are:

Equipment	time-related charge	per time period
<i>To be factored into the Provisional Bill of Quantities rates</i>		

The rates for special Equipment are:

Equipment	size or capacity	rate
<i>To be factored into the Provisional Bill of Quantities rates</i>		

The hourly rate for Defined Cost of manufacture and fabrication outside the Working Area are:

category	hourly rate
<i>To be factored into the Provisional Bill of Quantities rates</i>	

B. Data for both schedules of cost components

The hourly rate for Defined Cost of manufacture and fabrication outside the Working Area are:

category	hourly rate
<i>To be factored into the Provisional Bill of Quantities rates</i>	

The rates for special Equipment are:

Equipment	size or capacity	rate
<i>To be factored into the Provisional Bill of Quantities rates</i>		

3 SIGNATURES OF THE CONTRACTING PARTIES (To be signed post award of the tender)

Thus done and signed at.....on

Name of signatory _____

for and behalf of the **Employer** who by

Capacity of signatory _____

as Witness.

Thus done and signed at.....on

Name of signatory _____

for and behalf of the **Contractor** who by

Capacity of signatory _____

as Witness.

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE

PART C2 - PRICING DATA

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

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

C2.1 Pricing Instructions

	<p>Where any item is not relevant to this specific contract, such item is marked N/A (signifying “not applicable”)</p> <p>The adjustment of the preliminaries each item priced is to be allocated to one or more of the three categories by insertion of “F”, “V”, “T” as the case may be against the price in the “rate” column immediately preceding the “amount” column, where “F” denotes a fixed amount (amount not varied), “V” denotes an amount variable in proportion to value and “T” denotes an amount variable in proportion to time.</p>
1	<p>MASSES AND MEASURING UNITS</p> <p>These shall be in accordance with the Measuring Units and National Measuring Standards Act No. 76 of 1973 and amendments thereto.</p> <p>The pages of each of these documents are numbered consecutively and before the 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.</p>
2	<p>PRICES FOR VARIATIONS</p> <p>Where prices or quotations for variations are submitted by the Contractor during the currency of the Contract, it is to be clearly understood that these are for the purpose of consideration by the Head of Department: Health and that there is no assumption of acceptance. The Contractor will be notified of acceptance of prices or quotations either by insertion of the amount on the variation order or by written intimation.</p>
3	<p>SCALE</p> <p>The scale to which the Drawings are made is only to be made use of when no figured dimensions are given either on the Drawings or in the tender documents and the figured dimensions are always to be followed though they may not coincide with the scale of the Drawings, but dimensions where possible are to be taken from the buildings.</p>
4	<p>PROVISIONAL ITEMS</p>

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 of Department: Health.

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	<p>REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE</p> <ol style="list-style-type: none"> 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. Prospective suppliers will be able to self - register on the CSD website: www.csd.gov.za 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. Suppliers can provide their CSD supplier number and unique security code to organs of state to view their varified CSD information. 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	<p>TAX CLEARANCE REQUIREMENTS</p> <p>It is a condition of tender that the taxes of the successful tenderer must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the Tenderder's tax obligations. It is a condition of this Offer of Commission that your practice remains in good standing with SARS (South African Revenue Services) in terms of its tax clearance, during the project, which is required to process your payment certificates.</p> <ol style="list-style-type: none"> 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. 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. In tenders where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN. 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. 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. 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	<p>BILLS OF QUANTITIES/LUMP SUM DOCUMENT</p>				

The Provisional 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
HEALTH
REPUBLIC OF SOUTH AFRICA

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE

C2.2 - Preliminaries for Construction works

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE

**BILL NO. 1
C2.2 PRELIMINARY AND GENERAL**

	NOTES	UNIT	QUANTITY	RATE	AMOUNT
	<p>i) The Preliminaries are to be the Construction and management requirements for works contracts prepared by Standards South Africa and shall be deemed to be incorporated herein.</p> <p>ii) Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary.</p> <p>iii) Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading.</p> <p>iv) Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable").</p> <p>v) Adjustment of the preliminaries: each item priced, is to be allocated to one or more of the three categories, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount in proportion to time.</p> <p>vi) 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.</p> <p>SECTION A: GENERAL CONDITIONS OF CONTRACT</p>				
A1	<p>General (clause 1)</p> <p>F:..... V:..... T:.....</p>	Item			
A2	<p>Basis of Contract (clause 2)</p> <p>F:..... V:..... T:.....</p>	Item			
A3	<p>Engineer (clause 3)</p> <p>F:..... V:..... T:.....</p>	Item			
A4	<p>Contractor's General Obligation (clause 4)</p> <p>F:..... V:..... T:.....</p>	Item			
A5	<p>Time and Related Matters (clause 5) - As referred to in the Contract Data under Special Condition of Contract.</p> <p>F:..... V:..... T:.....</p>	Item			
	Carried forward to collection			R	

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

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

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

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

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

SECTION E: SPECIFIC PRELIMINARIES		UNIT	QUANTITY	RATE	AMOUNT
E4	<p>SITE INSTRUCTIONS</p> <p>Site Instructions issued on site are to be recorded in triplicate in a Site Instruction book which is to be maintained on site by the Contractor.</p> <p>F:..... V:..... T:.....</p>	Item			
E5	<p>LABOUR RECORD</p> <p>At the end of each week the Contractor shall provide the Engineer/Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all sub-contractors on the works each day.</p> <p>F:..... V:..... T:.....</p> <p><i>Note: In the event that the contractor fails to satisfy the requirements of this specification, the Employer (Head: Health) may apply any of the sanctions provided in the contract. Sanctions may include the application of a financial penalty of 0.04% of the Contract Sum per calendar day of which the required report has not been submitted.</i></p>	Item			
E6	<p>PLANT RECORD</p> <p>At the end of each week the Contractor shall provide the Engineer/Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.</p> <p>F:..... V:..... T:.....</p>	Item			
E7	<p>NON CESSION OF MONIES</p> <p>The Contractor shall not cede nor assign his rights or claims to any monies due or to become due under this contract.</p> <p>F:..... V:..... T:.....</p>	Item			
E8	<p>SECTIONAL COMPLETION</p> <p>When it is required that the contract be executed in sections or portions, the tenderer shall allow for all costs in this regard as no claim for additional costs will be entertained.</p> <p>F:..... V:..... T:.....</p>	Item			
E9	<p>LOCAL LABOUR</p> <p>It is a general requirement of this contract that persons normally resident in the locality of the works (Local Labour) be given preference for employment on the contract. Provided, however, that should adequate and appropriate Labour not be available within the locality, others may be employed subject to satisfactory proof being provided that every reasonable endeavour has been made to employ Local Labour. The Contractor shall identify the local community leaders with the purpose of negotiating with them regarding the utilization of Local Labour in the construction process. In this regard, the Contractor shall furthermore give preference, wherever possible to the employment of single heads of households, women and youth. The Contractor shall, in general, maximize the involvement of the local community.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection				R	

		UNIT	QUANTITY	RATE	AMOUNT
E10	<p>IMPORT PERMITS AND DUTIES</p> <p>The responsibility for obtaining the necessary import permits shall rest with the successful Tenderer. No foreign exchange will be arranged or provided by the Administration.</p> <p>Tenderers are to allow in their tenders and pay the ordinary levy imposed on imported items in terms of item 196.10 of Part 8 of Schedule No. 1 of the Customs and Excise Act, 1964 with effect from 1 October 1989.</p> <p>F:..... V:..... T:.....</p>	Item			
E11	<p>CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP)</p> <p>Notwithstanding anything to the contrary contained in the NEC3 - Option B this Contract is subject to any Contract Price Adjustment Provisions (CPAP)</p>				
E12	<p>EPWP CONDITIONS AND SPECIFICATIONS</p> <p>12.1 EMPLOYMENT TARGETS</p> <p><u>E12.1 a Employment Targets</u></p> <p>The contractor needs to provide a realistic estimate on the number of jobs that the project has the potential to create throughout the project duration as the project will be implemented using labour intensive construction methods on elements where it is economical and feasible for this construction method.</p> <p>No of jobs to be created = [Contractor to fill in an estimated number]</p> <p>F:..... V:..... T:.....</p> <p><u>E12.1 b Employment requirements</u></p> <p>Tenderers are advised that this contract will be subject to the Expanded Public Works Program (EPWP) aimed at alleviating and reducing unemployment.</p> <p>Tenderers must allow for any costs for the employment of unskilled labour as per the requirements of the EPWP program;</p> <ol style="list-style-type: none"> 1. 55% of unskilled labour to be women 2. 55% of unskilled labour to be youth aged between 18 and 35 years 3. 2% of unskilled labour to be people living with disability 4. 100% Unskilled labour utilised must reside within the boundaries of the Municipality Ward where this contract is executed, with preference to the local community closest or at the walking distance to the contract site. Wherever possible local skilled tradesmen are to be employed on this contract with the view to maximize utilization of local resources. <p>F:..... V:..... T:.....</p>	Item			
	Carried forward to collection			R	

	UNIT	QUANTITY	RATE	AMOUNT
<p><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.</p> <p>F:..... V:..... T:.....</p>	Item			
<p>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</p> <p>F:..... V:..... T:.....</p>	Item			
<p><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)"</p> <p>F:..... V:..... T:.....</p>	Item			
<p>E12.3 RECORD KEEPING 12.3.1 Every employer must keep in the project site office the following minutes of site progress minutes; contractors' monthly site progress reports; accurately recorded attendance register; proof of payment as means to verify authenticity of data in the EPWP Beneficiary form submitted with payment certificates. Copies of submitted EPWP beneficiary data forms should also be kept in the site office.</p> <p>F:..... V:..... T:.....</p>	Item			
<p>12.3.2 The employer must keep this record for a period of at least three (3) years after the completion of the project in his/her office as the project site office would have been relocated. This should be safely kept for job creation data verifications and periodical audits on projects conducted by National and Provincial Department of Public Works after one (1) or two (2) quarters of submitting captured EPWP Data to the National EPWP coordinating Department.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection			R	

	UNIT	QUANTITY	RATE	AMOUNT
<p>E12.4 EPWP REPORTING as per EPWP DATA FORM At the end of each month as part of site progress report and to be attached to every contractors' progress payment certificate; the contractor shall provide the principal agent & Public Works with a written records, as per EPWP data form; which will be reflecting, beneficiaries full name & surname; ID No and job description of labour employed by main contractor and sub-contractors on site. At the end of each month the contractor must submit the following documents to be attached to the Progress payment certificate:</p> <ol style="list-style-type: none"> 1. EPWP monthly data collection form 2. Worker monthly payment upload 3. Worker monthly proof of payment i.e <ol style="list-style-type: none"> 3.1 Acknowledgement of receipt of payment or 3.2 Payslips 3.3 Bank statement highlighted the workers paid 4. Worker monthly training form 5. Monthly attendance register 6. Certified copies of ID's (once off) 7. ID size photos (once off) 8. Proof of UIF 9. Proof of COIDA <p>F:..... V:..... T:.....</p>	Item			
<p>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.</p> <p>F:..... V:..... T:.....</p>	Item			
<p><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.</p> <p>The contractor is then advised to price for both item 17.5.1 and 17.5.2</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
	<p>E12.6 COMMUNITY LIAISON OFFICER (CLO) <u>UTILISATION OF A COMMUNITY LIAISON OFFICER</u> In addition to the requirements of Clause E9, contained in this document; The Contractor shall allow for and pay any and all costs necessary for the engagement of the services of a Community Liaison Officer (CLO) for the full duration of this contract</p> <p>In the interest of providing a sound service to both the community and the Contractor, a CLO may only manage one project at a given time.</p> <p>A CLO will be identified by the local structures of the ward areas and appointed following fair and transparent interviewing process, to be conducted in the presence of local structures and the contractor representative, in order to assist the Contractor in the procurement of any local labour, etc. required for this project. The Contractor is to liaise with the CLO and afford him any assistance needed in ensuring sound working relations with the local community.</p> <p>Key Responsibilities of the CLO are envisaged to include and not necessary be limited to:</p> <ol style="list-style-type: none"> 1. Assisting local leadership in conducting skills and resources audit which facilitates sourcing labour from within the ward or targeted areas for employment, as required by contractor. 2. Assisting in sourcing labour-only domestic sub-contractors and the procurement of materials from local resources, as required by the contractor. 3. Assisting the contractor by identifying areas of potential conflict and or threats to the project or to stakeholders in the project and recommend appropriate action to the contractor. 4. Assisting contractor and stakeholders in the project in the resolution of any conflict which may arise. 5. Establishing and ensuring that sufficient and open communication channels between the contractor and the work force are maintained. 6. Establish and ensuring that efficient and open communication channels between the contractor and the community are maintained 7. Identifying and reporting to the Contractor regarding issues where communication between stakeholder is necessary, recommend courses of action and facilitate such communications 				
	Carried forward to collection			R	

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

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

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

		UNIT	QUANTITY	RATE	AMOUNT
E13	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:..... Note: In the event that the contractor fails to satisfy the requirements of this specification, the employer (Head: Health) may apply any of the sanctions provided for in the contract. Sanctions may include the application of a financial penalty of 0.04% of the Contract Sum per calendar day of which the required reports has not been submitted.	Item			
E14	OCCUPATIONAL HEALTH AND SAFETY ACT NO. 85 OF 1993 Tenderers are to allow for costs in providing a project specific ' Construction Phase Safety, Health and Environmental Plan' in accordance with "Section 2 - Specification Data associated with SANS 1921-1:2004" clause C4.18 in "Part C3 - Scope of Work" F:..... V:..... T:.....	Item			
E15	NOTICE BOARD, SITE OFFICE, ETC. Bidders are to allow for the provision and removal of a project notice board and a site office in accordance with the Principal Agent's requirements. F:..... V:..... T:.....	Item			
E16	IMPORTED MATERIALS AND EQUIPMENT Where imported items are listed in the tender documents, the tenderer shall provide all information called for, failing which the price of any such item, material or equipment shall be excluded from currency fluctuations. (Refer to T2.14 - Schedule of Imported Materials and Equipment . F:..... V:..... T:.....	Item			
E17	CONTRACT DOCUMENTS The drawings issues with these Bid documents do not comprise the complete set but serves as a guide only for Biding purposes and for indicating the scope of works to enable the Bidder to acquaint him with the nature and extent of the works and the manner in which they are to be executed. Should any part of the drawings not be clearly legible to the Bidder he shall, before submitting his Bid, obtain clarification in writing from the principal agent. F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
E18	<p>GENERAL PREAMBLES The Document Preambles will be the DOH Supplementary Preambles January 2009 Rev.3 and shall be read in conjunction with the Bills of Quantities and be referred to for the full descriptions of work to be done and materials to be used.</p> <p>F:..... V:..... T:.....</p>	Item			
E19	<p>TRADE NAMES Wherever a Trade Name for any product has been described in the Bills of Quantities the Bidder's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the Principal Agent being obtained prior to the closing date for submission of Bids.</p> <p>F:..... V:..... T:.....</p>	Item			
E20	<p>EXISTING PREMISES OCCUPIED Refer to Scope of Works Part C3 of this Bid Document for information on the occupation of existing buildings.</p> <p>F:..... V:..... T:.....</p>	Item			
E21	<p>INACCURATE AND DEFECTIVE WORK EXECUTED UNDER PREVIOUS CONTRACT The contractor shall, after taking possession of the site and before commencing the work, check all levels, liners, profiles and the like and satisfy himself as to the dimensional accuracy of all work executed under the previous contract which may affect his work.</p> <p>Should any inaccurate or defective work be found, the contractor shall immediately notify the principal agent in writing requesting his instructions with regard thereto and afford every facility to those rectifying such inaccurate or defective work.</p> <p>F:..... V:..... T:.....</p>	Item			
E22	<p>VIEWING THE SITE IN SECURITY AREAS If the site is situated in a security area and the Bidder must arrange with the Authorities to obtain permission to enter the site for Bidding purposes.</p> <p>F:..... V:..... T:.....</p>	Item			
E23	<p>COMMENCEMENT OF WORKS IN SECURITY AREAS If the works falls within a security area, the contractor must arrange with the Authorities and give the necessary notices before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account.</p> <p>F:..... V:..... T:.....</p>	Item			
E24	<p>ENTRANCE PERMITS TO SECURITY AREAS If the works fall within a security area, the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under control of the Authority.</p> <p>F:..... V:..... T:.....</p>	Item			
	Carried forward to collection			R	

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

SECTION 1

SUMMARY – PRELIMINARY & GENERAL

Collection	Page No.	Amount	
	1	R	
	2	R	
	3	R	
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	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

HEALTH
REPUBLIC OF SOUTH AFRICA

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH
CENTRE**

PART C2.3 BILL OF QUANTITIES

Item No	Quantity	Rate	Amount R
<u>SECTION NO. 1</u>			
<u>BILL NO 1</u>			
<u>PRELIMINARIES</u>			
<u>(WORK GROUP NO. 190)</u>			
i)	The agreement is to be the JBCC Series 2000 Principal Building Agreement, Edition 4.1 March 2005, and other contract documents that together form the contract between the employer and contractor		
ii)	The preliminaries are to be the JBCC Series 2000 Code 2103 Preliminaries prepared by the Joint Building Contracts Committee, May 2005 edition 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)	If Alternative A as set out in clause B10.3 hereinafter is to be used for the 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		
Carried to Collection			R
Preliminaries Bill No. 1 Preliminaries KZN Department of Health			

SECTION A: PRINCIPAL BUILDING AGREEMENT

Definitions (A1)

Definitions and interpretation (clause 1). Tenderers are to note the following amendments to the standard JBCC definitions:-

Agreement means the agreement arising from the signing of the Form of Offer and Acceptance by the Parties

Bill of Quantities means the document drawn up in accordance with the Pricing Instructions contained in the Pricing Data

Construction Period means the period commencing on the date of site handover and ending on the date of Practical Completion

Contract Documents means the agreement and all documents referenced therein.

Contract Drawings means all the drawings listed in the scope of works

Contract Sum means the total of prices in the Form of Offer and Acceptance

Carried to Collection

R

Preliminaries
 Bill No. 1
 Preliminaries
KZN Department of Health

Contract Sum means the total of prices in the Form of Offer and Acceptance

Schedule means the Variables listed in the Contract Data

Corrupt Practice means offering, giving, receiving and soliciting of anything of value to influence the action of public official in the procurement process or in the contract execution.

Fraudulent Practice means a misrepresentation of facts in order to influence the procurement process or execution of contract to the detriment of any tenderer, and includes collusive practice among tenderers (prior to or after 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 means the interest rates applicable to this contract, whether specifically indicated in the relevant clauses or not, will be the 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)

Security means the form of security provided by the contractor or employer as stated in the schedule, from which the contractor or employer may recover expense or loss.

Sub-Clause 1.6.4 to be deleted

Objective (A2)

1	Offer acceptance and performance (clause 2)	Item	1.00	
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<u>Preparation (A3-A14)</u>					
2	Documents (clause 3)				
	Delete Sub-Clause 3.5 and Sub-Clause 3.6 and replace with the following:				
	The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times				
	Delete Sub-Clause 3.9				
	Replace the second reference to "Principal Agent" with the word "Employer"	Item	1.00		
3	Design responsibility (clause 4)				
	"No Clause"	Item	1.00		
4	Employer's agents (clause 5)				
	Under Clause 41 - include reference 32.6.3; 34.3; 34.4; and 38.5.8 in terms of which the employer has retained its authority and has not given a mandate to the Principal Agent and in terms of which the employer shall sign all documents	Item	1.00		
5	Site representative (clause 6)	Item	1.00		
6	Compliance with regulations (clause 7)	Item	1.00		
7	Works risk (clause 8)	Item	1.00		
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8 Indemnities (clause 9)

Clause 9.0 is amended by adding Clause 9.1.4 :

The contractor indemnifies and holds harmless the against all liability, losses, claims, damages, penalties, actions, proceedings or judgements (Collectively referred to as "losses") arising from any infringement of letters, patent design, trademark, name, copyright or other protected rights in respect of any machine, plant, work, materials, thing, system or method of using, fixing, working or arrangement, used or fixed or supplied by the contractor, but such indemnity shall not cover any use of the equipment of part thereof otherwise, than in accordance with the provisions of the specification. All payments and royalties payable in one sum or by instalments or otherwise shall be included by the contractor in the price and shall be paid by him to those to whom they may be payable. The contractor shall reimburse the employer for all legal and other costs and expenses, including without limitation attorney's fees on attorney client scale incurred by the employer in connection with investigation, defending or settling any losses in connection with pending or threatening litigation in which the employer is a party.

Item

1.00

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Works insurances (clause 10)

Add the following as Clause 10.5

Damage to the Works

- (a) Without anyway limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary
- (b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage or destruction of the works and to re-build, restore, replace and or repair the works
- (c) Where the employer bears risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damaged or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof

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Add the following as Clause 10.6

Injury to Persons or loss of or damage to Properties

- (a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable

- (b) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, immovably property or personal property or property contiguous to the, whether belonging to or under the control of the employer, or any other body or person, arising out of or in the course of or by reason of the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable

- (c) The contractor shall upon receiving a contract instruction from the principal agent, cause the same to be made good in a perfect workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost thereafter from the contractor or to deduct the same from amounts due to the contractor

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- (d) The contractor shall be responsible for protection and safety of such portions of the premises placed under his control by the employer for the purpose of execution of the works until the issue of the certificate of practical completion
- (e) Where the execution of the works involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the contractor shall obtain adequate insurance or will remain adequately insured or insured to the specific limit stated in the contract against the death or injury to persons or damage to such property consequent on such removal or interference with the support until such portions of the works has been completed.
- (f) The contractor shall at all times proceed immediately at his own cost to remove or dispose of any debris and t rebuild, restore, replace and or repair such property and then execute the works

Add the following as Clause 10.7.

High Risk Insurance

In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable sub-surface conditions which might result in catastrophic ground movement evident by sinkhole or doline formation, the following will apply :

10.7.1 Damage to the works

The contractor shall, from the commencement date of the works until the date of the certificate of practical completion, bear the full risk of and hereby indemnifies and hold harmless the employer against any damage to and or destruction of the works consequent upon a catastrophic ground movement as mentioned above. The contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary

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When instructed to do so, by the principal agent, the contractor shall proceed immediately to remove and or dispose any debris arising from damage to or destruction of the works and to rebuild, replace and or repair the works, at the contractor's own costs.

10.7.2 Injury to Persons or loss of or damage to property

The contractor shall be liable for and hereby indemnifies and holds harmless the employer against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above.

The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, immovably property or personal property or property contiguous to the, whether belonging to or under the control of the employer, or any other body or person whomsoever, arising out or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of construction

10.7.3 It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the contractor's obligations, in terms of the contract, the contractor shall, within twenty one (21) calendar days of the commencement date but before commencement of the works, submit to the employer, proof of insurance policy, if requested to do so.

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9	<p>10.7.4 The employer shall be entitled to recover any and all losses and or damages of whatever nature suffered or incurred subsequent upon the contractor's default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any contract presently or hereafter existing between the employer and the contractor and for this purpose, all these contracts shall be considered on indivisible whole</p>	Item	1.00		
10	Liability insurances (clause 11)	Item	1.00		
11	Effecting insurance (clause 12)	Item	1.00		
12	NO CLAUSE 13.		N/A		
13	Security (clause 14)	Item	1.00		
	<u>Execution (A15 - A23)</u>				
14	<p>Preparation for and execution of the works (clause 15)</p> <p>Add Clause 15.1.4 as follows:</p> <p>An acceptable "Health and Safety Plan", required in terms of the Occupational Health and Safety Act, 1993 (Act No.85 of 1993), within fourteen (14) calendar days of date of acceptance of tender</p> <p>15.2.1 Under 41 : Ammend to read as follows:</p> <p>Give the contractor possession of the site within ten (10) working days of the contractor complying with terms of 15.1</p>	Item	1.00		
15	Access to the works (clause 16)	Item	1.00		
16	Contract instructions (clause 17)	Item	1.00		
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17	Setting out of the works (clause 18)				
	The contractor shall notify the Principal Agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments	Item	1.00		
18	Assignment (clause 19)	Item	1.00		
19	Nominated subcontractors (clause 20)				
	No Clause	Item	1.00		
20	Selected subcontractors (clause 21)				
	<u>Replace sub-clauses 21.1.2 to 21.1.4 and 21.2 to 21.6 with the following:</u>				
	The contractor and a principal agent shall appoint a selected sub-contractor in accordance with the provisions of the scope of work	Item	1.00		
21	Employer's Direct Contractors (clause 22)	Item	1.00		
22	Contractor's Domestic Sub-Contractors (Clause 23)	Item	1.00		
	<u>Completion (A24-A30)</u>				
23	Practical completion (clause 24)	Item	1.00		
24	Works completion (clause 25)	Item	1.00		
25	Final completion (clause 26)	Item	1.00		
26	Latent defects liability period (clause 27)	Item	1.00		
27	Sectional completion (clause 28)	Item	1.00		
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Revision of date of practical completion (clause 29)

Clause 29.0 is amended by:

Adding the following Clauses

(i) Clause 29.9

Revision to the date of practical completion shall only be considered when work on the critical path of the agreed programme of the works is delayed.

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28	<p>(ii) Clause 29.10 - Acceleration</p> <p>Clause 29.10.1</p> <p>Irrespective of whether or not the principal agent rules that the contractor is entitled to an extension of time or a revision of a date of practical completion, the principal agent shall, nevertheless, at any time, be entitled to instruct the contractor in writing to accelerate the progress of the remaining works to ensure that the works are completed by the original date for practical completion or revised date as the case may be</p> <p>Clause 29.10.2</p> <p>Upon receipt of such information, the contractor shall take all necessary steps to ensure that the works are completed timeously including provision by him of additional resources, plant, manpower, etc and the working overtime or additional overtime beyond that contemplated at the time of tender (at all times adhering to the regulations and requirements of all authorities) and by all other adequate and proper means and methods. The contractor shall prove that such steps are being taken if called upon to do so.</p> <p>Clause 29.10.3</p> <p>The contractor's entitlement to compensation arising out of or in respect of any revision to the date for practical completion that may have been granted by the principal agent or alternatively where the principal agent has instructed the contractor to accelerate, shall be adjudicated strictly in terms of Clause 32</p>	Item	1.00	R
29	<p>Penalty for non-completion (clause 30)</p> <p>Clause 30.1</p> <p>Replace reference to 36.3 at the end of sentence with 36.0</p>	Item	1.00	
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<u>Payment (A31 - A35)</u>				
30	Interim payment to the contractor (clause 31)			
	Clause 31.12			
	Delete "Payment shall be subject to the employer giving a contractor a tax invoice for the amount due	Item	1.00	
31	Adjustment to the contract value (clause 32)			
	Add the words, "due to no fault of the contractor" at the end of each of the following clauses:			
	32.5.1 ; 32.5.4; and 32.5.7			
	Delete Sub-Clause 32.12	Item	1.00	
32	Recovery of expense and loss (clause 33)	Item	1.00	
33	Final account and final payment (clause 34)			
	Add # next to 34.2			
	Clause 34.13 : Replace "Seven (7) calendar days with "Twenty one (30) calendar days and delete the words "subject to the employer giving the contractor a tax invoice for the amount due	Item	1.00	
34	Payment to other parties (clause 35)	Item	1.00	
<u>Cancellation (A36-A39)</u>				
	Cancellation by employer - contractor's default (clause 36)			
	Clause 36.1 : Add the following Clauses 36.1.3 to 36.1.5 under 36.1 to read as follows:			
	36.1.3 The contractor's refusal or neglect to comply strictly with any of the conditions of contract			
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35	<p>36.1.4 The contractor's estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force with the Republic of South Africa</p> <p>36.1.5 The contractor, in the judgement of the employer, has engaged in corrupt or fraudulent practices in competition for or in executing the contract</p> <p>Clause 36.3 : Replace "Principal Agent" with "Employer"</p>	Item	1.00		
36	<p>Cancellation by employer - loss and damage (clause 37)</p> <p>Clause 37.3.5: Replace ninety (90) with one hundred and twenty (120)</p>	Item	1.00		
37	<p>Cancellation by contractor - employer's default (clause 38)</p> <p>Clause 38.5.4: Replace ninety (90) days with one hundred and twenty (120)</p>	Item	1.00		
38	<p>Cancellation - cessation of the works (clause 39)</p> <p>Clause 39.3.5 : Add the following words at the end thereof :</p> <p>"Within one hundred and twenty (120) working days of completion of such report</p>	Item	1.00		
	<u>Dispute (A40)</u>				
39	Dispute Settlement (clause 40)	Item	1.00		
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Substitute Provisions (A41)

State clauses (Clause 41)

Clause 1.1 Delete in the Substitute Provisions (41.0 State Clauses) Clause 41.1.3 the definitions for 41.1.3 CONSTRUCTION PERIOD and INTEREST. Sub-Clause 1.1 definitions will apply (see contract data)

Delete in Substitute Provisions (41.0 State Clauses) Clauses 10.1; 10.2; and 10.4 so that the provisions of sub-clauses 10.1; 10.2 and 10.4 of the non-state clauses will apply to the state.

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Delete in Substitute Provisions (41.0 State Clauses) Clauses 11.1 so that the provisions of Clause 11.1 of the non-state Clauses will apply to the state

Delete in Substitute Provisions (41.0 State Clauses) Clauses 12.1 of the non-state clause will apply to the state and replace "contractor" in clause 10.1 in the Substitute Provisions (41 State Clauses), with "the party responsible in terms of 12.1"

Amend the first part of the first sentence in Clause 12.2 of the Substitute Provisions (41.0 State Clauses) to read, where the contractor is responsible for insurances, the contractor shall.....

Delete in Substitute Provisions (41.0 State Clauses) Sub-clauses 31.11.1 and 31.11.2 so that the provisions of sub-clauses 31.11.1 of the non-state clauses will apply to the state

Add in Substitute Provisions (41.0 State Clauses) as Clauses 36.7; 37.5; and 39.5, the following:

Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor, or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on stated date and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien, or right of retention, or on the grounds of any other right whatsoever

Delete in Substitute Provisions (41.0 State Clauses) Clauses 40.2.1; 40.2.2; 40.3; 40.4; 40.5; and 40.6 and replace with the following

Clause 40.1 Should any dispute between the employer, his agents, or principal agent on the one hand and the contractor on the other rise out of this agreement, such dispute shall be referred to adjudication.

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40 **Clause 40.2 Adjudication shall be conducted in accordance with the edition of the JBCC Rules for Adjudication current at the time when the dispute is declared. The party which raises the dispute, shall select three adjudicators from the panel of adjudicators published by the South African Institute of Civil Engineering, or Association of Arbitrators of Southern Africa, determine their hourly fees and confirm that these adjudicators are available to adjudicate the dispute in question. The other party shall then select within seven (7) days one of the three (3) nominated adjudicators, failing which the chairman for the time being of Association of Arbitrators Southern Africa shall nominate an adjudicator. The adjudicator shall be appointed in terms of the appointed in terms of the Adjudicator's Agreement set out in C1.4**

Clause 40.3 Should either party be dissatisfied with the decision given by the adjudicator, dispute shall be finally settled by court proceedings. Neither party shall have recourse to arbitration should they be dissatisfied with the decision given by the adjudicator as all disputes will be decided by the court of law

Item 1.00

THE SCHEDULE

Information necessary for completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder

41 Pre-tender information (clause 42)

Item 1.00

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42.1 CONTRACTING AND OTHER PARTIES

42.1.1 Employer : Independent Development Trust

Postal address: P.O Box 62,542
BISHOPSGATE

Code : 4008

Tel : 031 369 7400

Fax : 031 307 4793

Physical Address : 12th Floor, The Marine
22 Dorothy Nyembe St
DURBAN
4000

42.1.2 Agents Service : Principal Agent

Agent (1) : **MLK Sakhisizwe**
Architects JV

Postal address : Private Bag x 12,
Gateway,

Code : 4321

Tel : 031 - 563 3424

Fax : 031 - 563 3518

E-mail :
patrick@sakhisizwearchitects.co.za

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42.1.3 Agents Service : Architects

Agent (1) : **MLK Sakhisizwe Architects JV**

Postal address : Private Bag x 12, Gateway,

Code : 4321

Tel : 031 - 563 3424

Fax : 031 - 563 3518

E-mail : pat@sakhisizwearchitects.co.za

42.1.4 Agents service: Quantity Surveyor

Agent (3) : **R & G Consultants**

Postal address : P.O Box 1038 Umhlanga Rocks **DURBAN**

Code : 4320

Tel : 031 561 7361

Fax : 031 561 7462

E-mail : dumi@rgconsultants.co.za

42.1.5 Agents service: Structural & Civil Engineer

Agent (4) : **Ilisu Consultants**

Postal Address : P O Box 493, New Germany

Code : 3620

Tel : 031- 701 1000

Fax :

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42.1.6 Agents service: Electrical Engineer

Agent (5) : Igoda Projects
 Postal address : P O Box 1907
 Durban
 Code : 4000
 Tel : 031- 536 7300
 Fax : 031 - 566 3385

42.1.6 Agents service: Mechanical & Fire Engineers

Agent (6) : P O Box 10 438
 Marine Parade
 Durban
 Code : 4000
 Tel : 031-304 6244
 Fax : 031-304 6240

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42.2 CONTRACT DETAILS

42.2.1 Works Description:

The **Works** consists of supply of labour, materials, equipment, plant, etc necessary for the construction and completion of buildings, site works and services which generally comprise :-

- Woman and child care building
- Common and chronic diseases building
- Radiology and CSSD building
- Laboratory building
- Maternity building
- TB and Infectious diseases building
- Administration building
- Short stay Ward building
- Dentist and rehabilitation Ward building
- Crisis Centre / Casualty building
- Pharmacy building
- HAST Building
- Male and Female public ablutions
- Group therapy building
- Oxygen bank / Vacuum pump room
- Skills training and Nutrition building
- Tuck shop
- Mother Lodge x 2
- Mobile services building
- Maintenance and mortuary building
- Electrical services and waste building
- Guard House
- Flammable Stores building
- Domestic Services, kitchen, laundry, change rooms, bulk stores building
- Additional administration block
- Staff accommodation building x 6
- Married Quarters Staff Accommodation buildings x 4
- Garaging
- Corridors, walkways, etc
- Covered wash bay and bus parking
- Specialist installations (electrical/electronic and mechanical work installations)
- Site works and services

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42.2.2 Site Description:

The Site is identified as Portion of Msiyane Farm (North of Jozini, KwaZulu-Natal), with GPS Co-ordinates **S27°23'10.6"**; **E32°04'35.84"** which is 4.5 hectares in extent.

42.2.3 Work or installations by direct contractors:

- IT Installation

42.2.4 This agreement is for a government contract where there are specific options that are applicable to a **State** organ only

Refer to amendments in Clause 40

42.2.5 Date on which possession of the site is intended to be given:

Within 1 calendar month of close of tender

42.2.6 Period for the commencement of the works after the contractor takes possession of the site

10 working days

42.2.7 For the works **as a whole**. Intended date of practical completion and the penalty per calendar day

Date : 24 Calendar months from the date of commencement of the contract.

Penalty : 3.75 cents per R100.00 of the contract value per calendar day

42.2.8 For the works in **sections**: Intended date of practical completion and the penalty per calendar day

Not Applicable to this contract

42.2.9 The **law** applicable to this **agreement** shall be that of

the Republic of South Africa

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42.3 INSURANCES

42.3.1 Contract works insurance to be effected by:

Contractor:

For the Sum of : Contract Sum plus 25%

With a deductible : As required by Contractor's insurance Company

42.3.2 Supplementary insurance is required : **Yes**

Such insurance shall comprise a coupon policy for Special Risks issued by the South African Special Risk Insurance Association

42.3.3 Public liability insurance to be effected by:

Contractor:

For an amount deemed appropriate by the Contractor with a deductible in an amount as determined by the Contractor's Insurance Company

42.3.4 Support insurance to be effected by :
Contractor

For an amount deemed appropriate by the contractor with a deductible as determined by the Contractor's insurance company

42.4 DOCUMENTS

42.4.1 Waivers of **contractors lien** or right of continuing possession is required

Not applicable

42.4.2 Number of construction document copies to be supplied to the **contractor** free of charge:

Three

42.4.3 **Bills of Quantities** drawn up in accordance with:

Latest edition of the Standard System of Measuring Builder's Work

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42.4.4 On acceptance of the tender the priced Bill of Quantities document is to be submitted within 14 working days from the date of the request by Principal Agent to do so or on the date as stated in the letter of appointment or letter of acceptance, as the case maybe.

14 Working days

42.4.5 JBCC Engineering General Conditions are to be included in the **contract documents**:

No

42.4.6 The contract value is to be adjusted using escalation adjustment indices : Yes

Haylett indices will be applicable

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42.4.7 Details of changes made to the provision of JBCC standard documentation:

1. Clause 1.1 - Definitions amended
2. Clause 1.6 has been amended
3. Clauses 3.5 and 3.6 have been deleted
4. Clause 3.7 has been amended
5. Clause 3.9 has been deleted
6. Clause 3.10 has been amended
7. Clause 4.3 has been amended
8. Clause 5.1.2 under 41 has been amended
9. Clause 9 has been amended
10. Clause 10.5 has been amended
11. Clauses 10.6 and 10.7 have been added
12. Clause 15.1.4 has been amended
13. Clause 20.1.3 has been amended
14. Sub-clauses 21.1.2 to 21.1.4 and 21.6 have been amended
15. Clause 29.0 has been amended
16. Clause 30.1 has been amended
17. Clause 31.12 has been amended
18. Clauses 32.5.1 ; 32.5.4; and 32.5.7 have been amended
19. Clause 32.12 has been amended
20. Clause 34.2 has been amended
21. Clause 34.13 has been amended
22. Clause 36.1 has been amended
23. Clause 36.3 has been amended
24. Clause 37.3.5 and 38.5.4 have been amended
25. Clause 39.3.5 has been amended
26. Clauses 40.0 and 41.0 have been amended
27. Clause C1 to C26 : Specific Preliminaries

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<u>SECTION B: PRELIMINARIES</u>			
<u>Definitions and interpretation (B1)</u>			
42	Definition and interpretation (B1.1 - B1.4.6)	Item	1.00
<u>Documents (B2)</u>			
43	Checking of documents (B2.1)	Item	1.00
44	Provisional bills of quantities (B2.2)		
	These Bills of Quantities contain pages and annexures as indexed on the flyleaf		
	The items in these Bills of Quantities are to be read and priced in conjunction with and the descriptions regarded as amplified by the latest edition of the Model Preambles to Trades and no claim arising out of brevity of descriptions will be entertained	Item	1.00
45	Availability of construction documentation (B2.3)	Item	1.00
46	Interests of agents (B2.4)	Item	1.00
47	Priced documents (B2.5)	Item	1.00
48	Tender submission (B2.6)	Item	1.00
<u>The site (B3)</u>			
49	Defined works area (B3.1)	Item	1.00
50	Geotechnical investigation (B3.2)	Item	1.00
51	Inspection of the site (B3.3)	Item	1.00
52	Existing premises occupied (B3.4)	Item	1.00
53	Previous work - dimensional accuracy (B3.5)	Item	1.00
54	Previous work - defects (B3.6)	Item	1.00
55	Services - known (B3.7)	Item	1.00
56	Services - unknown (B3.8)	Item	1.00
57	Protection of trees etc (B3.9)	Item	1.00
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58	Articles of value (B3.10)	Item	1.00	
59	Inspection of adjoining properties etc (B3.11)	Item	1.00	
	<u>Management of contract (B4)</u>			
60	Management of the works (B4.1)	Item	1.00	
61	Programme for the works (B4.2)	Item	1.00	
62	Progress meetings (B4.3)	Item	1.00	
63	Technical meetings (B4.4)	Item	1.00	
64	Labour and Plant records (B4.5)	Item	1.00	
	<u>Samples, Shop Drawings and Manufacturer's Instructions (B5)</u>			
65	Samples of materials (B5.1)	Item	1.00	
66	Workmanship samples (B5.2)	Item	1.00	
67	Shop drawings (B5.3)	Item	1.00	
68	Compliance with Manufacturer's Instructions (B5.4)	Item	1.00	
	<u>Temporary works and plant (B6)</u>			
69	Deposits and fees (B6.1)	Item	1.00	
70	Enclosure of the works (B6.2)	Item	1.00	
71	Advertising (B6.3)	Item	1.00	
72	Plant, equipment, sheds and offices (B6.4)	Item	1.00	
73	Main notice board (B6.5)	Item	1.00	
74	Subcontractors' notice board (B6.6)	Item	1.00	
	<u>Temporary services (B7)</u>			
75	Location (B7.1)	Item	1.00	
76	Water (B7.2)	Item	1.00	
	Carried to Collection			R
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77	Electricity (B7.3)	Item	1.00	
78	Telecommunication facilities (B7.4)	Item	1.00	
79	Ablution facilities (B7.5)	Item	1.00	
	<u>Prime cost amounts (B8)</u>			
80	Responsibility for prime cost amounts (B8.1)	Item	1.00	
	<u>Attendance on N/S Subcontractors (B9)</u>			
81	General attendance (B9.1)	Item	1.00	
82	Special attendance (B9.2)	Item	1.00	
83	Commissioning - Fuel, water and power (B9.3)	Item	1.00	
	<u>Financial aspects (B10)</u>			
	Statutory taxes, duties and levies (B10.1)			
	Provision is made in these Bills of Quantities for the inclusion of Value Added Tax (VAT)	Item	1.00	
84	Payment of preliminaries (B10.2)	Item	1.00	
85	Adjustment of preliminaries (B10.3)	Item	1.00	
86	Payment certificate cash flow (B10.4)	Item	1.00	
	<u>General (B11)</u>			
87	Protection of works (B11.1)	Item	1.00	
88	Protection/isolation of existing/sectionally occupied works (B11.2)	Item	1.00	
89	Security of the Works (B11.3)	Item	1.00	
90	Notice before covering work (B11.4)	Item	1.00	
91	Disturbance (B11.5)	Item	1.00	
92	Environmental Disturbance (B11.6)	Item	1.00	
93	Works cleaning and clearing (B11.7)	Item	1.00	
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94	Vermin (B11.8)	Item	1.00	
95	Overhand work (B11.9)	Item	1.00	
96	Instruction manuals and guarantees (B11.10)	Item	1.00	
97	As built information (B11.11)	Item	1.00	
98	Tenant Installations (B11.12)	Item	1.00	
<u>Schedule of variables (B12)</u>				
99	Pre-tender information (B12.1)			
	Information necessary for elections and completion of those clauses contained in the schedule which are necessary for tender is given hereunder. Where no information is given, it shall mean that either no details or specific requirements are available or that a clause is not relevant to this specific contract	Item	1.00	
12.1.1	Provisional bills of quantities (B2.2) The quantities are provisional: <p style="text-align: right;">Yes</p>			
12.1.2	Availability of construction documentation (B2.3) Construction documentation is complete. <p style="text-align: right;">No</p>			
12.1.3	Interest of agents (B2.4)			
12.1.4	Defined works area (B3.1) <p style="text-align: center;"><i>The area of the works to be occupied by the contractor, any restriction on the area and the limit of access or exit will be pointed out to the contractor by the Principal Agent at the compulsory briefing meeting and also on handing over of the site</i></p>			
12.1.5	Geotechnical investigation (B3.2) <p style="text-align: center;"><i>Annexed hereto</i></p>			
Carried to Collection				R
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12.1.6 Existing premises occupied (B3.4)

Not Applicable to this contract

12.1.7 Previous work - dimensional accuracy (B3.4)

Not applicable to this contract

12.1.8 Previous work - defects (B3.5)

Not applicable to this contract

12.1.9 Services - known (B3.7)

Existing services and points of connection are shown on the site plan or will be pointed out on site by the Principal Agent

12.1.10 Protection of trees (B3.9)

12.1.11 Inspection of adjoining properties (B3.11)

12.1.12 Enclosure of the works (B6.2)

All works to be enclosed by means of a approved shade cloth fence

12.1.13 Offices (B6.4.3)

Yes

1 x (3m wide x 12m long) standard office with boardroom table and chairs to accommodate approximately 18 people.

1 x (3m wide x 12m long) office for professionals, subdivided into 3 equal offices, each office to have table and three chairs, drawing rack, fridge, dustbin, pinboard, microwave

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<p>12.1.14 Main notice board (B6.5) Required:</p>	<p>Yes</p>			
<p>12.1.15 Subcontractors notice board (B6.6) A notice board is required</p>	<p>Yes</p>			
<p>12.1.16 Water (B7.2)</p>	<p>Alternative Selected: A</p>			
<p>12.1.17 Electricity (B7.3)</p>	<p>Alternative selected: A</p>			
<p>12.1.18 Telecommunications (B7.4)</p>	<p>Telephone : Yes</p>			
	<p>Facsimile : Yes</p>			
	<p>E-mail : No</p>			
<p>12.1.19 Ablution facilities (B7.5)</p>	<p>Alternative selected: A</p>			
<p>12.1.20 Protection of existing/sectionally occupied works (B11.2)</p>	<p>No</p>			
<p>12.1.21 Special attendance (B9.2)</p>				
<p>12.1.22 Protection of the works (B11.1)</p>				
<p>12.1.23 Disturbance (B11.5)</p>				
<p>Carried to Collection</p>			<p>R</p>	
<p>Preliminaries Bill No. 1 Preliminaries KZN Department of Health</p>				

12.1.24 Environmental Disturbance (B11.6)

Post tender information (B12.2)

12.2.1 Payment of preliminaries
Alternative selected:

12.2.2 Adjustment of preliminaries
Alternative selected:

12.2.3 Additional agreed preliminaries items

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SECTION C: SPECIFIC PRELIMINARIES

100	C1.	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 manufacturer's instructions after consultation with the manufacturer's authorised representative	Item	1.00
101	C2.	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 principal agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer	Item	1.00
102	C3.	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 principal agent and the structural engineer for their records	Item	1.00
103	C4.	Construction instructions Contract 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	Item	1.00
104	C5.	Labour record At the end of each month 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 which shall be in line with the EPWP regulations annexed to these Bills of Quantities, and all subcontractors on the works	Item	1.00

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105	<p>C6. Plant record</p> <p>At the end of each month the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works</p>	Item	1.00	
106	<p>C7. Special Works/Direct Contracts</p> <p>The Employer and tenants shall have the right to employ other Contractors (hereinafter referred to as 'Direct Contractors') to execute any special or other Works whether contained in this Contract or not, concurrently with the work being executed under this contract</p> <p>The Contractor shall not be entitled to any percentage, profit or discount on the value of any work executed by 'Direct Contractor's and reflected as 'Provisional Sums' but shall nevertheless allow these direct Contractors and Employers employees to have access to the Works, allocate reasonable space for the storage of their materials, tools and equipment, and co-ordinate the work of such Direct Contractors as necessary, all to the satisfaction of the Architect/Principal Agent. The Contractor shall also allow Direct Contractors, etc., to use, free of charge, the latrine accommodation and water and power supply on the site, and shall not in any way hinder or prevent the execution of their work</p>	Item	1.00	
107	<p>C8. Guarantees and Maintenance Manuals</p> <p>The Contractor shall obtain and hand over to the Architect on Practical Completion, all relevant guarantees, any operating and maintenance instruction manuals, data or instructions required by the Principal Agent or provided by manufacturer's, suppliers or Sub-Contractors.</p> <p>The Contractor shall ensure that all warranties and guarantees received are fully ceded to the Employer on Final Completion, failing which the release of the Construction Guarantee will be withheld until this is satisfactorily completed</p>	Item	1.00	
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108	<p>C9. Media Releases</p> <p>All rights of publication of articles in the media, together with any advertising relating to, or in any way connected with this project shall vest in the Principal Agent. The Contractor, together with his Sub-Contractor shall not, without the written consent of the Principal Agent, cause any statement or advertisement to be printed, screened or aired by the media</p>	Item	1.00	
109	<p>C10. Cost of Claims</p> <p>All costs incurred by the Contractor in the preparation of claims to the satisfaction of the Principal Agent and/or Quantity Surveyor shall be borne by the Contractor</p>	Item	1.00	
Carried to Collection			R	
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110 C11. Tender Sum to be Fully Inclusive

The Tender Sum is deemed to be the fully inclusive price for the finished work described and is deemed to include inter alia for:

- Labour of every description including additional costs incurred in working overtime, weekends, public holidays, etc., to meet the stipulated programme dates
- Taking delivery, unloading, storing, unpacking, hoisting or lowering, settings fixing and building into positions, cutting and waste, templates, patterns and models.
- Provision and maintenance of all plant equipment, machines trucks and other vehicles, tackle, tools, staging, sheds, stores and temporary works necessary for the due and proper performance of the Contract Works, establishment charges and all fuel, operating costs and depreciation pertaining to plant, equipment, etc
- All applicable import taxes and duties.
- Overheads and profit.
- All obligations arising out of the Bills of Quantities, and all costs and charges deemed necessary for complying with the terms and conditions herein.
- All charges required by the Contractor in connection with Preliminary and General, site established and the like

Item

1.00

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111	<p>C12. Overloading</p> <p>The Tenderer shall, prior to submitting his tender, determine from the Structural Engineers any constraints and limitations in respect of Works to be executed over slabs, etc., which have load limitations.</p> <p>The Contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the Works. The Contractor shall submit details of his proposed loading, storage, plant, erection, etc., to the Principal Agent for their approval prior to proceeding with such loading, storing, erecting or executing work and shall comply with and pay for the Engineers requirements in connection with the provision of temporary support work, etc. Any damage caused by the Works by overloading shall be made good by the Contractor at his sole expense.</p> <p>Notwithstanding any approval given by the Principal Agent, the Contractor shall be entirely responsible for damage caused to the Works by overloading which damage shall be made good by the Contractor at his sole expense</p>	Item	1.00		
112	<p>C13. Removal and Making Good of Temporary Works, etc, on Completion</p> <p>The Contractor shall remove all temporary Works, roads, services and the like used for this Contract and shall make good to the entire satisfaction of the Principal Agent any damage resulting therefrom</p>	Item	1.00		
	<p>C14. Location of Temporary Buildings and Temporary Services</p> <p>The Contractor shall provide all necessary temporary works, including temporary roads, tracks, crossings, hardstanding and services, etc., required for his own and Sub-Contractors use during the construction and maintenance period.</p>				
	<p>Carried to Collection</p>			R	
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113	<p>There is no guarantee given or implied that Site conditions will be such that the Contractor will be able to erect such temporary works, offices, stores and temporary accommodation within the site boundaries and it shall be the Contractor's responsibility to adopt whatever measures he deems necessary in this regard and to obtain all necessary permission and pay all costs in connection therewith</p>	Item	1.00	
114	<p>C15. Making Good</p> <p>All materials and workmanship in building up, making good, etc., are to match existing and where new materials abutt existing, they are to be neatly jointed to same.</p> <p>'Making good' existing work where disturbed or damaged shall mean the provision of the necessary new material to match existing and the necessary workmanship so that a complete restoration is achieved to the satisfaction of the Principal Agent.</p> <p>'Making good' where abutting walls, etc., are removed, shall mean the provision of the necessary material and workmanship in filling the gaps to match surrounding finishes so that a complete and perfect surface, continuous with surrounding surfaces and matching of same, is obtained to the Principal Agent's satisfaction</p>	Item	1.00	
115	<p>C16. Standard of Workmanship and Materials</p> <p>In the absence of detailed specifications for any item or items, National Building Regulations, the latest applicable South African Bureau of Standards Specification, or where such does not exist, then the latest applicable British Standard Specification shall apply</p>	Item	1.00	
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C17. Commodities to be New

All commodities, goods, articles or materials throughout the building are to be new except where re-use of existing is specified and are to be handled, stored, used, and/or fixed with care to ensure that they are in perfect condition when incorporated into the Works and thereafter properly protected so as to ensure that they are likewise in perfect condition when handed over at completion of the Work

Item

1.00

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C18. Shop Drawings

The term 'shop drawings' shall mean drawings, layout drawings, diagrams, illustrations, schedules, performance charts, brochures, operating manuals and other data which are prepared by the Contractor or any Sub-Contractor, manufacturer, supplier or distributor and which illustrate some portion of the work.

The Contractor shall ensure that all shop drawings required for the Works in terms of this Contract, all Selected/Nominated Sub-Contracts and/or any Architects instruction, are prepared and submitted timeously in accordance with the following procedure:

- a) Three prints of shop drawings of all fabricated work, working or setting out drawings, shop details and schedules shall be submitted to the Principal Agent, for approval. Such work shall not be carried out until such approval has been given.
- b) Shop drawings shall be submitted to the Principal Agent for approval at least two weeks prior to the date on which such approval is required in order to comply with the Contract Programme.
- c) All submissions shall be prepared in accordance with the Contract drawings and specifications and/or any Principal Agents instructions and any deviation shall be specifically highlighted in writing, with a detailed explanation of the reason for such deviation, together with any cost and/or time implications.

Delays in approval of shop drawings due to non-compliance with drawings, specifications and/or Principal Agents instruction shall not constitute grounds for any claims for delay, extension of time and the like.

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117	<p>d) When the Principal Agent advises that shop drawings have been approved, the original transparencies of such drawings shall immediately be submitted to the Principal Agent so that the Principal Agents stamp of approval may be appended thereto. Thereafter, four prints of the approved shop drawings, setting out drawings and schedules shall be furnished to the Architect. As many prints of the approved shop drawings and schedules as required shall also be furnished to the Works. No work shall be performed in accordance with drawings and/or catalogues not stamped with the Principal Agents approval.</p> <p>e) The Contractor, Sub-Contractor or Supplier, as the case may be, shall be responsible for ensuring that all dimensions affecting shop drawings conform to the dimensions of built work.</p> <p>f) The Principal Agents approval of shop drawings is limited to checking conformity with specification and shall not relieve the Contractor, Sub-Contractor or Supplier of his responsibility for design, erection or installation fit, nor does it vary his contractual or delictual obligations and liabilities.</p> <p>g) Should the Contractor, Sub-Contractor or Supplier be of the opinion that corrections to shop drawings made by the Principal Agent constitute a change to the scope of work, then he shall immediately advise the Principal Agent in writing of this, together with the cost and/or programme implications thereof, in order to obtain the Architects directive.</p> <p>h) One copy of the final approved set of 'Shop Drawings' is to be submitted to the Quantity Surveyors for purposes of remeasurement</p>	Item	1.00	
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118	<p>C19. Mode of Procedure</p> <p>Notwithstanding anything to the contrary contained herein the Principal Agent at all times reserves the right to direct the order in which the various parts of the Contract are to be executed. The Contractor shall give priority to any individual section or portion of the Works that, in the opinion of the Principal Agent, requires to be expedited.</p> <p>Should it appear, in the Principal Agent's opinion, that work in any area is not being executed in accordance with the requirements of the Contract Programme, the Contractor shall provide additional manpower and resources and shall work additional overtime and do everything else required to bring the work back to programme to the satisfaction of the Principal Agent and to the Contractor's cost</p>	Item	1.00	R
119	<p>C20. Unauthorised Persons/Workmen on Premises</p> <p>The Contractor shall at all times strictly exclude all unauthorised persons from the Works and the Site, and shall set up notice boards to that effect.</p> <p>No workmen or labourers (except security guards) are to be allowed under any circumstances to sleep or deposit any kit on the premises. The Contractor must provide any necessary independent shelter or shed required for any labour or watchmen on site, to the approval of the Employer</p>	Item	1.00	
120	<p>C21. Method Statement</p> <p>The Tenderer shall produce, when required to do so by the Principal Agent, a Method Statement outlining the methods of construction and labour and plant resources that he proposes to use in the execution of the Works. Any approval given or observation made by the Principal Agent shall not relieve the Contractor of his sole responsibility to adopt the methods of construction and to provide the labour and plant resources necessary for the due and proper timeous execution of the Works</p>	Item	1.00	
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121	C22.	<p>Occupational Health and Safety Act No.85 of 1993</p> <p>The Contractor must comply with the provisions of this Act. Attention is drawn to the General Safety Regulations, Vessels under pressure Regulations and specific codes of practice. Particular attention must be paid to Section 22 of the Act. All equipment and protective clothing must be supplied strictly in accordance with the provisions of the Occupational and safety Act. All equipment must be available for inspection on request.</p> <p>Notwithstanding anything contained in the Act or Tender documents, the contractor must comply fully with the conditions of the Act.</p> <p>The employer's Health and Safety Specification has been annexed to these Bills of Quantities and the contractor will be required to submit to the principal agent, a detailed Health and safety Plan based on the said document, for his approval.</p>	Item	1.00	
122	C23.	<p>Encroachment</p> <p>During the course of the building operations, the Contractor shall be held entirely responsible for any encroachment onto any adjoining properties, buildings, etc., or servitudes and the cost of any remedial measures as required by the Principal Agent shall be borne by the Contractor</p>	Item	1.00	
123	C24.	<p>Agreement and Contract Data</p> <p>Items which the Tenderer wishes to price in order to provide for the due observance of the requirements of the Agreement and Contract data outlined at the beginning of the Bill</p>	Item	1.00	
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124	<p>C25. Community Liaison Officer The client advises that a CLO who will assist in terms of linking the main contractor including sub-contractors to the local community structures that are to be consulted when sourcing labour and dealing with any labour related matters, will have to be engaged for the whole duration of this project. Tenderers are advised to do their own investigations with regards to applicable rates for the same in this area.</p>	Item	1.00		
125	<p>C26. Expanded Public Works Programme</p> <p>The contractor will be required to employ staff which satisfies the EPWP requirements as per the Guidelines for implementation of labour intensive infrastructure projects under the EPWP and as stipulated in this contract</p>	Item	1.00		
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Item No	Quantity	Rate	Amount R
<p><u>BILL NO. 1</u></p>			
<p><u>SECTION NO. 2</u></p>			
<p><u>EARTHWORKS</u></p>			
<p><u>(WORK GROUP 104)</u></p>			
<p><u>PREAMBLES</u></p>			
<p>For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Nature of ground</u></p>			
<p>A soils investigation has been carried out on site by the engineer and the report can be viewed at the offices of ILiso Consultants, Engineers, 16 Davidson Road Pinetown, 031 701 1000. Descriptions of excavations shall be deemed to include all ground conditions classifiable as "soft material" described in the above report and where conditions of a more difficult character are indicated these are separately measured</p>			
<p><u>Carting away of excavated material</u></p>			
<p>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site</p>			
<p><u>Filling</u></p>			
<p>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 multiple handling of material</p>			
<p>Carried to Collection</p>			R
<p>Builders Work Bill No. 1 Earthworks KZN Department of Health</p>			

Subterranean water

No information regarding subterranean water is available. The Contractor must acquaint himself of the presence and depth of subterranean water and allow therefore in his prices

Carried to Collection

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SITE CLEARANCE ETC

Site Clearance

1	Clear the whole area of the site to be built upon including the removal of all small shrubs and trees with a trunk not exceeding 200mm girth measured 1m above ground level	m2	47,589
2	Stripping average 100mm thick layer of top soil and stockpiling on site	m2	47,589

BULK EXCAVATION, FILLING, ETC

Open face excavation in earth over sloping site

3	Open face excavations in soft excavations to reduced levels and form platforms	m3	12,598
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Extra over bulk excavation in earth for excavation in

4	Soft Rock	m3	280
5	Hard Rock	m3	712

Extra over all excavations for carting away

6	Extra over all excavations for carting away surplus material from excavations and/or stockpile on site to a dumping site to be located by the Contractor (Topsoil)	m3	9,518
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Risk of collapse of excavations

7	Sides of bulk excavations not exceeding 1,5m deep	m2	652
8	Sides of bulk excavations exceeding 1,5m deep	m2	1,510

Keeping excavations free of water

9	Allow for keeping excavations entirely free from water and mud	Item	1.00
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Earth filling of G9 material supplied by contractor in accordance with SABS 1200 DM compacted to 98% Mod ASSHTO density in 150mm thick layers

10	Over site to form platforms	m3	19,343
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EXCAVATION, FILLING, ETC OTHER THAN BULK

Excavation in soft material not exceeding 2m deep

11	Trenches	m3	4,305
12	Holes	m3	162
13	Thickening under surface beds etc	m3	5,000
14	Reduced levels under floors	m3	3,553

Back excavation of vertical sides of excavations in earth for working space including backfilling compacted to 93% Mod AASHTO density

15	Exceeding 1.5m and not exceeding 3m deep for placing and removing formwork to bases etc, against excavated face	m2	521
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Extra over trench and hole excavations in soft material for excavating in

16	Soft rock excavations	m3	1,000
17	Intermediate excavations	m3	525
18	Hard rock excavations	m3	1,057

Extra over all excavations for carting away

19	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor	m3	6,267
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Risk of collapse of excavations

20	Sides of trench and hole excavations not exceeding 1,5 m deep	m2	8,796
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Keeping excavations free of water

21	Keeping excavations free of water other than subterranean water	Item	1.00
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FILLING ETC

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<u>Earth filling from the excavations and/or stockpiles compacted to 95% Mod AASHTO density</u>				
22	Backfilling to holes, trenches, etc	m3	993	
23	Under floors, steps, pavings, etc	m3	2,129	
<u>G5 Earth filling supplied by the contractor, compacted to 95% Mod AASHTO density</u>				
24	Under floors, steps, pavings, etc	m3	520	
<u>Coarse river sand filling supplied by the contractor</u>				
25	Under floors etc	m3	6,421	
<u>Compaction of surfaces</u>				
26	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 98% Mod AASHTO density	m2	11,478	
<u>Prescribed density tests on filling</u>				
27	"Modified AASHTO Density" test	No	121	
<u>SOIL POISONING</u>				
<u>Soil insecticide</u>				
28	Under floors, etc including forming and poisoning shallow furrows against foundation walls, etc filling in furrows and ramming	m2	11,478	
29	To bottom and sides of trenches	m2	7,896	
Carried to Collection				R
Builders Work				
Bill No. 1				
Earthworks				
KZN Department of Health				

Earthworks

COLLECTION

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Item No	Quantity	Rate	Amount R
<p><u>SECTION NO. 2</u></p>			
<p><u>BILL NO. 2</u></p>			
<p><u>CONCRETE FORMWORK AND REINFORCEMENT</u></p>			
<p><u>(WORK GROUP 110 UNLESS OTHERWISE STATED)</u></p>			
<p><u>PREAMBLES</u></p>			
<p>For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Formwork</u></p>			
<p>Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use. The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself</p>			
<p>Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described</p>			
<p>Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described</p>			
<p>Carried to Collection</p>			R
<p>Builders Work Bill No. 2 Concrete, Formwork and Reinforcing KZN Department of Health</p>			

Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"

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Builders Work
 Bill No. 2
 Concrete, Formwork and Reinforcing
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UNREINFORCED CONCRETE

15Mpa/19mm concrete

1	In cavities of hollow walls filled in as the work proceeds	m3	136
2	In cavities of piers filled in as the work proceeds	m3	4

UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

15Mpa/19mm concrete

3	Surface blinding under footings and bases	m3	500
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25Mpa/19mm concrete

4	Ramps	m3	51
5	Plinths	m3	4
6	Bottoms and sides of floor ducts	m3	3

REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

25Mpa/19mm concrete

7	Strip Footings	m3	1,778
8	Bases	m3	14
9	Columns in foundations	m3	3

25Mpa/19mm concrete

10	Surface beds on waterproofing	m3	2,224
11	Ramps	m3	12
12	Surface beds to falls and currents on waterproofing	m3	25
13	Aprons cast in alternating panels not exceeding 3m long	m3	40

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Builders Work
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14	Thickening out underside of 100mm thick surface bed to 250mm thick x 550mm wide with one side tapered, including additional formwork, excavation, mesh, dpm etc	m	39	
	<u>Rectangular cast insitu concrete surface water channels</u>			
15	100mm Thick shallow equal 'V' shaped rectangular concrete drainage channel 1m wide overall including all earthworks, formwork and ref 193 mesh reinforcement cast in panels not exceeding 3m long, backfilling etc and finishing tops and sides smooth with a wood float	m	250	
	<u>REINFORCED CONCRETE</u>			
	<u>25Mpa/19mm concrete</u>			
16	Slabs including beams and inverted beams	m3	46	
17	Beams	m3	23	
18	Isolated beams	m3	9	
19	Lintels	m3	100	
20	Columns	m3	100	
21	Box Gutter	m3	100	
22	Wall beams	m3	50	
	<u>TEST CUBES</u>			
23	Allow for all necessary concrete test cubes size 150 x 150 x 150mm 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 Head: Works	Sets	85.0	
	<u>CONCRETE SUNDRIES</u>			
	<u>Finishing top surfaces of concrete smooth with a wood or steel float</u>			
24	Surface beds, slabs, etc	m2	14,401	
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	Builders Work Bill No. 2 Concrete, Formwork and Reinforcing KZN Department of Health			

25	Surface beds, ramps, slabs, aprons, etc laid in panels to falls and currents	m2	5,183		
	<u>Grooves, channels, mortices, sinkings, etc in concrete</u>				
26	15 x 15mm Deep routed groove to top of saw cut joints in top of concrete	m	25		
27	Form arris rounded edge	m	100		
	<u>25 MPa non-shrink grout</u>				
28	Cement grout packed solid in 150 x 150 x 180mm deep concrete pocket	No	20		
	<u>FORMWORK</u>				
	<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>				
	<u>(WORK GROUP 111)</u>				
	<u>Rough formwork to sides</u>				
29	Strip footings	m2	325		
30	Bases	m2	300		
	<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>				
	<u>Rough formwork to sides</u>				
31	Rectangular columns	m2	12		
32	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	441		
	<u>Rough formwork to soffits</u>				
33	Slabs propped up exceeding 1.5m and not exceeding 3.5m high	m2	1,000		
	<u>SMOOTH FORMWORK (DEGREE OF ACCURACY I)</u>				
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	Builders Work Bill No. 2 Concrete, Formwork and Reinforcing KZN Department of Health				

<u>Smooth formwork to sides</u>				
34	Rectangular columns	m2	13	
35	Inverted beams	m2	36	
36	Inverted beams above concrete	m2	10	
37	Edges exceeding 300mm high	m2	10	
38	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	898	
<u>Smooth formwork to soffits</u>				
39	Slabs propped up exceeding 1.5 and not exceeding 3.5m	m2	158	
40	Slabs propped up exceeding 3.5m and not exceeding 5m high	m2	30	
<u>Smooth formwork to sides and soffits</u>				
41	Beams propped up exceeding 1,5m and not exceeding 3,5m	m2	158	
42	Isolated beams propped up exceeding 1,5m and not exceeding 3,5m high	m2	20	
<u>MOVEMENT JOINTS, ETC</u>				
<u>Horizontal joggle construction joints through concrete including lime wash bond breaker to one face</u>				
43	Surface beds not exceeding 300 mm thick	m	100	
<u>Two layers of smooth 250 micron damp proof course as slip joints between horizontal concrete and brick surfaces including cement mortar bed</u>				
44	Not exceeding 300mm wide	m	300	
<u>Expansion joints with bitumen impregnated softboard between vertical concrete surfaces</u>				
45	15mm Joints not exceeding 300mm wide	m	100	
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<u>Expansion joints with high density polystyrene between vertical concrete and brick surfaces</u>			
46	6mm Joints not exceeding 300mm high or wide with tear off strip	m	276
<u>Saw cut joints</u>			
47	3 x 40mm Deep saw cut joints in top of concrete	m	724
<u>REINFORCEMENT</u>			
<u>(WORK GROUP 114)</u>			
<u>High tensile steel reinforcement to structural concrete work</u>			
48	Various diameter bars	t	200.00
<u>Mild steel reinforcement to structural concrete work</u>			
49	Various diameter bars	t	50.00
<u>Fabric reinforcement</u>			
50	Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	7,986

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Builders Work
 Bill No. 2
 Concrete, Formwork and Reinforcing
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Concrete, Formwork and Reinforcing

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KZN Department of Health

Item No	<u>SECTION NO. 2</u>	Quantity	Rate	Amount R
	<u>BILL NO. 3</u>			
	<u>PRECAST CONCRETE</u>			
	<u>(WORK GROUP 112)</u>			
	<u>PREAMBLES</u>			
	For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>General:</u>			
	Where kerbstones, blocks, etc are laid in ground descriptions shall be deemed to include necessary excavation, filling in and ramming			
	<u>PRECAST CONCRETE</u>			
	<u>900 x 900 x 50mm Precast concrete paving slabs with smooth finish including bedding, jointing and pointing</u>			
1	Paving of slabs laid loose with open joints	m2	2,000	
	Carried Forward to Final Summary			R
	Builders Work Bill No. 3 Precast Concrete KZN Department of Health			

Item No	Quantity	Rate	Amount R
<p><u>SECTION NO. 2</u></p>			
<p><u>BILL NO. 4</u></p>			
<p><u>MASONRY</u></p>			
<p><u>(WORK GROUP 116)</u></p>			
<p><u>PREAMBLES</u></p>			
<p>For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Sizes in descriptions</u></p>			
<p>Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick</p>			
<p><u>Hollow walls, etc</u></p>			
<p>Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole</p>			
<p><u>Face bricks</u></p>			
<p>Face bricks shall be ordered timeously to obtain uniformity in size and colour</p>			
<p><u>Pointing</u></p>			
<p>Descriptions of pointing to face brickwork, lintels, copings, etc shall be pointed with ruled horizontal and vertical joints</p>			
<p><u>Brickwork Bond</u></p>			
<p>All brickwork shall be laid in stretcher bond unless otherwise stated</p>			
<p>Carried to Collection</p>			R
<p>Builders Work Bill No. 4 Masonry KZN Department of Health</p>			

Wire ties

All wire ties are to be 250 x 20 x 3mm thick galvanised vertical twisted ties

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Masonry
KZN Department of Health

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FOUNDATIONS

Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar

1	Piers	m3	3
2	Half brick wall	m2	872
3	Half brick walls in forming hollow piers	m2	100
4	One brick wall	m2	1,772
5	280mm Hollow walls of two half brick skins including wire ties	m2	1,594

SUPERSTRUCTURE

Brickwork of NFP bricks in class II mortar

6	Piers	m3	50
7	Half brick walls	m2	14,897
8	Half brick walls in forming hollow piers	m2	300
9	Half brick walls in beamfilling	m2	100
10	Half brick linings to concrete	m2	335
11	One brick walls	m2	8,983
12	One brick walls in parapits	m2	100
13	One brick walls in beamfilling	m2	353
14	Half brick kerbs 170mm high	m	59

MORTAR TESTING

15	Allow for all necessary mortar test cubes size 150 x 150 x 150mm cast from batches of mortar required for the entire contract as specified, made, stored, cured and tested in accordance with Table C-1 of SABS code of practice 0164 - Part 1	Item	1.00
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BRICKWORK SUNDRIES

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<u>Bagging of 1:3 cement and sand mixture</u>				
16	On brick surfaces and between skins of brickwork	m2	8,753	
<u>Joint forming material in slip joints</u>				
17	10mm Expanded polystyrene (density 16kg per m3) built in vertically through brick walls	m2	100	
18	Slip joint comprising 250 micron dpc sandwiched between two layers of mathoid bedded in cement mortar joint between horizontal brick wall and concrete not exceeding 300mm wide	m	10	
<u>Joint forming material in movement joints</u>				
19	10mm Jointex expanded polyethylene joint former built in vertically through brick walls	m2	1,238	
20	10mm Jointex expanded polyethylene joint former built in vertically between concrete and brick walls	m2	100	
21	10mm Jointex expanded polyethylene joint former built in horizontally between concrete and brick walls	m2	100	
<u>Mild steel teal bar reinforcement</u>				
22	10mm Diameter mild steel bars built in horizontally	t	10.00	
23	10mm Diameter L-shaped mild steel diameter bars built in vertically	t	10.00	
<u>Brickwork reinforcement</u>				
24	75mm Wide reinforcement built in horizontally	m	42,464	
25	150mm Wide reinforcement built in horizontally	m	49,957	
<u>Precast prestressed concrete lintols</u>				
26	100 x 70mm Lintel in lengths not exceeding 3m bedded in cement mortar over half brick walls	m	1,577	
27	Set of two 100 x 70mm Lintels in lengths not exceeding 3m bedded in cement mortar over one brick walls	m	10	
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Builders Work				
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KZN Department of Health				

<u>Turning pieces</u>				
28	110mm Wide turning piece to lintels, etc	m	34	
29	230mm Wide turning piece to lintels, etc	m	984	
<u>Galvanised hoop iron cramps, ties, etc</u>				
30	30 x 1,2mm Wall tie 660mm long each end built into brickwork at abutting ends of walls at movement joints including holing joint filler board	No	2,124	
31	30 x 1,6mm Roof tie 1800m long, twice bent with one end fixed to timber and other end cast into concrete or built into brickwork	No	1,314	
<u>Air bricks, etc</u>				
32	230 x 152mm Clay vermin proof air bricks	No	100	
<u>White plastic air vent</u>				
33	White plastic air vent size 235 x 157mm fixed to wall with white cement mortar	No	100	
<u>FACE BRICKWORK</u>				
<u>'Corobrick Roan Satin' FBX face bricks laid in stretcher bond pointed with "ruled" horizontal and vertical joints</u>				
34	Extra over brickwork for face brickwork in foundations	m2	500	
35	Extra over ordinary brickwork for face brickwork	m2	5,500	
36	Extra over brickwork in piers for face brickwork	m2	46	
37	Extra over brickwork in beam filling for face brickwork	m2	363	
38	Half brick linings to concrete including wire ties for face brickwork	m2	118	
39	Fair raking cutting	m	123	
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Masonry				
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<p><u>Brick-on-edge header course copings, lintols, sills, etc of 'Corobrick Roan Satin' FBX face bricks in Class 1 cement mortar including "ruled" pointed joints on all exposed faces</u></p>				
40	Brick-on-edge header course lintel in 230mm wall and pointing on front face and 110mm wide soffit	m	100	
41	Brick-on-edge header course lintel in 230mm wall and pointing on both faces and 230mm wide soffit	m	993	
42	Brick-on-flat header course reveal pointed on face and 230mm into recess	m	100	
43	230mm Wide sill set sloping and slightly projecting	m	971	
44	Brick-on-edge coping to top of one brick wall and pointing on top and both sides	m	128	
<p><u>FIBRE-CEMENT WINDOW SILLS</u></p>				
<p><u>Natural grey sills in single lengths bedded in class II mortar including metal fixing lugs etc</u></p>				
45	100 x 15mm Wide sills set flat and slightly projecting	m	983	
<p><u>DECORATIVE SCREEN WALLS AND GRILLES</u></p>				
<p><u>Screen walls of 150 x 160mm Tivoli Briti grille blocks in class II mortar pointed with flush joints</u></p>				
46	150mm Walls in panels pointed on both sides	m2	1,000	
<p>Carried to Collection</p>				R
<p>Builders Work Bill No. 4 Masonry KZN Department of Health</p>				

Masonry

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Masonry

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Item No	<u>SECTION NO. 2</u>	Quantity	Rate	Amount R
	<p><u>BILL NO. 5</u></p> <p><u>WATERPROOFING</u></p> <p><u>(WORK GROUP 120)</u></p> <p><u>PREAMBLES</u></p> <p>For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>Waterproofing of roofs 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</p> <p>Derbigum waterproofing is to be laid in accordance with Derbigum's Code of Practice by an Approved Derbigum Contractor</p> <p>Preparation of substrata: Screeded roof surfaces shall be firm, dry and clean. Corners shall be coved or arris rounded. All surfaces to receive Derbigum are to be fully primed with a solvent based bitumen primer</p> <p>NOTE:</p> <p><u>Proprietary items or materials</u></p> <p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head: Works</p> <p><u>DAMP-PROOFING OF WALLS AND FLOORS</u></p> <p><u>One layer of 375 micron embossed damp proof course</u></p>			
1	In walls	m2	842	
	Carried to Collection			R
	<p>Builders Work Bill No. 5 Waterproofing KZN Department of Health</p>			

2	Vertically between walls	m2	65		
	<u>One layer of 250 micron green polyethylene waterproof sheeting sealed at laps with pressure sensitive tape</u>				
3	Under surface beds	m2	15,102		
	<u>Two coats 'Brixal' bitumen emulsion waterproof coating</u>				
4	On bagged outer face of inner skin of brick walls, etc	m2	6,982		
	<u>Borain 5000 Flexible fibre glass waterproofing system</u>				
5	To shower floors	m2	72		
	<u>Superlaykold rubberized bituminous emulsion</u>				
6	To shower walls	m2	287		
	<u>WATERPROOFING TO ROOFS</u>				
	<u>One layer Derbigum SP4 waterproofing membrane sealed by means of 'torchfusion' or Coldbond 90 adhesive with 75mm side laps and 100mm end laps, laid under a ten-year guarantee, to receive paint or stone protection (elsewhere measured):</u>				
7	On flat roofs	m2	352		
8	On flat roofs to falls and currents	m2	352		
9	On tops and sides of inverted beams	m2	200		
10	Sealing edges to brickwork or concrete	m	125		
11	Additional membrane 250mm girth at internal angles including forming 30 x 30mm mastic triangular fillets as necessary	m	125		
12	Additional membrane 150mm girth at turn-ups including glass/polyester flashing strip 250mm girth and sealing top edge into groove with mastic	m	125		
13	Additional membrane at 160mm diameter outlet	No	125		
	<u>BANDAGE FLASHINGS ETC</u>				
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	Builders Work				
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	Waterproofing				
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Five coat "Acrylastic" fibre reinforced heavy duty maintenance free acrylic waterproofing

14	Flashings	m2	124
15	Bandage cover flashing strip 250mm wide including sealing edges	m	124

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Builders Work
 Bill No. 5
 Waterproofing
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PROTECTIVE ROOFING PAINT

Two coats bituminous aluminium paint

16	On waterproofing to roofs	m2	352
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JOINT SEALANTS, ETC

Two-part grey polyurethane sealing compound including backing cord, bond breaker, primer, etc

17	15 x 10mm in vertical expansion joints	m	372
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18	15 x 20mm In expansion joints in floors	m	879
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 Waterproofing
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Waterproofing

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Builders Work
Bill No. 5
Waterproofing
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Item No	<u>SECTION NO. 2</u>	Quantity	Rate	Amount R
	<u>BILL NO. 6</u>			
	<u>ROOF COVERINGS, ETC</u>			
	<u>(WORK GROUP 122 UNLESS OTHERWISE STATED)</u>			
	<u>PREAMBLES</u>			
	For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors			
	<u>TILES</u>			
	<u>ROOF COVERINGS ETC</u>			
	<u>CORRUGATED METAL SHEETING AND ACCESSORIES</u>			
	<u>0,55mm Thick aluminium G4 colourtech roof sheeting with concealed fixing system to timber/steel purlins according to manufacturer's specifications. Sheets to be laid in full length from ridge to eaves. Colour to the approval of the Client/Principal Agent.</u>			
1	Roof covering with pitch not exceeding 25 degrees	m2	13,972	
	<u>0,80mm Thick aluminium G4 colourtech roof sheeting with concealed fixing system to timber/steel purlins according to manufacturer's specifications. Sheets to be laid in full length from ridge to eaves. Colour to the approval of the Client/Principal Agent.</u>			
2	Ridge capping	m	840	
3	Hip capping	m	901	
4	Valley flashing	m	360	
5	Headwall flashing	m	150	
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	Builders Work Bill No. 6 Roof Coverings KZN Department of Health			

Roof Coverings

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Builders Work
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 Roof Coverings
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Item No	Quantity	Rate	Amount R
<p><u>SECTION NO. 2</u></p>			
<p><u>BILL NO. 7</u></p>			
<p><u>CARPENTRY AND JOINERY</u></p>			
<p><u>(WORK GROUP 126)</u></p>			
<p><u>PREAMBLES</u></p>			
<p>For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Particle board:</u></p>			
<p>Particle board shall comply with the following specifications:</p>			
<p>a) SABS 1300 Particle board: exterior and flooring type</p>			
<p>b) SABS 1301 Particle board: interior type</p>			
<p><u>Joinery:</u></p>			
<p>Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc</p>			
<p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p>			
<p><u>Fixing</u></p>			
<p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p>			
<p><u>Decorative laminate finish:</u></p>			
<p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish. Laminate finish is to be "Formica Beige Universe 941"</p>			
<p>Carried to Collection</p>			R
<p>Builders Work Bill No. 7 Carpentry and Joinery KZN Department of Health</p>			

<p>Builders Work Bill No. 7 Carpentry and Joinery KZN Department of Health</p>	<p>Carried to Collection</p>	<p>R</p>	

ROOFS, ETC

NOTE:

For pricing of the structural roof trusses, tenderers are referred to the drawings included at the end of these Bills of Quantities

Pre-fabricated timber roof trusses

Roof trusses shall be manufactured, erected and braced in accordance with SABS 0243

Contractor is to allow for the design, supply, fabrication, delivery, erection as well as to provide a full set of shop drawings which must be checked and signed for approval by the Consultant Structural Engineer prior to commencement of fabrication.

The setting out, spacing and overall dimensions of the roof trusses which are at approximately 760mm centres and have a 18° pitch are shown on the drawings. All truss dimensions must conform with these requirements and all relevant details of the roof construction

The materials and design of the roof construction must allow for:

1. 'Marley' double roman concrete roof tiles and "Sisalation" insulation on 38 x 50mm battens at approximately 320mm centres
2. 600 x 1200mm Drop in ceiling tiles in suspended ceiling grid system and / or rhinoboard ceilings
3. 6mm 'Nutec' fibre cement eaves soffit coverings on 38 x 50mm softwood brandering at 450mm centres
4. 250 x 15mm 'Nutec' fibre cement fascias and 150 x 150mm seamless aluminium eaves gutters
5. Sundry seVICES

The dimensions in the descriptions of the trusses are nominal and actual measurements are to be obtained from the architect and/or the site before design or fabrication commences

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Builders Work
 Bill No. 7
 Carpentry and Joinery
KZN Department of Health

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<u>Prefabricated timber roof truss construction</u>				
1	Allow a Budgetary of R10 000 000.00 (Ten Million Rand Only)	Item	1.00	10,000,000.00 0
				10,000,000.00
<u>Sawn softwood</u>				
2	38 x 50mm SAP PAR Battens fixed to gangnail roof trusses	m	32,408	
3	38 x 114mm Wall plates	m	2,567	
4	38 x 76mm Tilting fillets	m	2,271	
<u>"Saligna" wrought laminated timber</u>				
5	63 x 198mm Beams	m	141	
<u>Sundries</u>				
6	Two coats creosote to exposed sawn timbers	m2	735	
<u>EAVES, VERGES, ETC</u>				
<u>Wrought meranti</u>				
7	12 x 44mm Cornices nailed	m	1,558	
<u>"Everite Nutec" fibre-cement boards with H-type galvanised pressed steel jointing strips</u>				
8	8mm Eaves soffit covering nailed to and including 38 x 50mm sawn softwood bandering at 450mm centres in one direction, including cross bandering at ends and to all perimeter edges	m2	1,631	
9	15 x 220mm Fascias and barge boards with medium density plain finish secured to ends of timber with 12 x 40mm brass wood screws	m	2,038	
<u>SKIRTINGS</u>				
<u>Wrought Meranti</u>				
10	19 x 68mm Skirtings including 19mm quadrant bead, plugged	m	65	
<u>DOORS, ETC</u>				
Carried to Collection				R
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<u>Wrought hardwood doors hung to steel frames</u>				
11	44mm Framed ledged and braced batten door 813 x 2032mm high of 40 x 110mm top rail and stiles, 20 x 150mm middle ledge and 20 x 225mm bottom ledge and 20 x 110mm braces	No	52	
12	40mm Thick louvred external double door size 1613 x 2032mm	No	3	
<u>Solid Laminated hardwood doors with 'Sapele' veneer to both sides suitable for painting and concealed hardwood edge strips hung to steel frames</u>				
13	44mm Door, size 813 x 2032mm high	No	242	
14	44mm Door, size 1000 x 2032mm high	No	36	
15	44mm Door, size 1125 x 2039mm high	No	25	
16	44mm Double door, size 1080 x 2032mm high (D15)	No	10	
17	44mm Double door, size 1100 x 2032mm high with rebated meeting styles	No	20	
18	44mm Double door, size 1216 x 2032mm high with 403mm and 813mm wide unequal leaves and rebated meeting edges (D2)	No	60	
19	44mm Double door, size 1390 x 2032mm high with rebated meeting edges (D20)	No	60	
20	44mm Double door, size 1626 x 2032mm high with rebated meeting styles (D12)	No	4	
21	44mm Double door, size 1645 x 2032mm high with rebated meeting styles and 300 x 300mm framed and glazed viewing panel to each leaf (D1)	No	6	
22	44mm Double door, size 1645 x 2032mm high with rebated meeting styles and 650 x 600mm framed and glazed viewing panel to each leaf (D19)	No	8	
23	44mm Sliding door size 1050 x 2032mm high overall	No	20	
24	44mm Sliding door size 1400 x 2032mm high overall	No	25	
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25	44mm Sliding door size 2000 x 2032mm high overall	No	2		
	<u>Semi-solid flush doors with commercial veneer suitable for painting and concealed hardwood edge strips hung to steel frames</u>				
26	44mm Door size 877 x 1875mm high overall	No	3		
	<u>Chipboard doors with melamine veneer</u>				
27	16mm Thick melamine double door D14, size 790 x 1400mm high including hardwood frame to suit	No	60		
28	16mm Thick melamine double door D14, size 1000 x 1400mm high including hardwood frame to suit	No	25		
	<u>SUNDRIES</u>				
29	Extra for 450 x 450mm opening for metal louvre unit	No	60		
30	Extra for 450 x 300mm opening for metal louvre unit	No	60		
	<u>"Bitcon Industries" fire doors with commercial veneer suitable for painting</u>				
31	"Rubidor" Class B fire door size 1000 x 2032mm high overall including pressed steel frame for one brick wall and preparing frame for door closer and lock	No	45		
32	"Rubidor" Class B double fire door size 1613 x 2032mm high overall in two leaves with flush meeting stiles with one leaf fitted with 50 x 50 x 3mm stainless steel T - section rebate edge trim fitted to the edge of the door leaf for the full length and holed to receive cylinder lock bolt including pressed steel frame for one brick wall and and preparing frame for door closer	No	30		
	<u>FRAMED FRAMES ETC</u>				
	<u>Wrought meranti</u>				
33	44 x 108mm Rebated frames plugged to suite door 900 x 2032mm high (D14)	No	45		
34	44 x 108mm Rebated frames plugged to suite door 1613 x 2032mm high (D13)	No	35		
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Carpentry and Joinery

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Item No	<u>SECTION NO. 2</u>	Quantity	Rate	Amount R
	<u>BILL NO. 8</u>			
	<u>CEILING, PARTITIONS AND ACCESS FLOORING</u>			
	<u>(WORK GROUP 128)</u>			
	<u>PREAMBLES</u>			
	For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions:</u>			
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete			
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been measured elsewhere			
	<u>NAILED UP CEILINGS</u>			
	<u>6,4mm "Rhino" gypsum plasterboard with galvanised H-type pressed steel jointing strips</u>			
1	Ceilings, including 38 x 50mm sawn softwood brandering at 450mm centres in one direction, including cross brandering at ends and to all perimeter edges	m2	1,843	
2	Extra over ceiling for 600 x 600mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 50mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	66	
	Carried to Collection			R
	Builders Work Bill No. 8 Ceilings, Partitions and Access Flooring KZN Department of Health			

<u>"Rhino" gypsum plasterboard cornices</u>					
3	75mm Coved cornices, fixed with "Rhinobed" and "Rhino Art" adhesive	m	2,987		
<u>"Aerolite" insulation</u>					
4	40mm Insulation closely fitted and laid on top of brandering between roof timbers, etc	m2	2,850		
<u>SUSPENDED CEILINGS</u>					
<u>Proprietary suspended ceilings</u>					
Electrical light fittings, diffusers, panels, etc generally are "lay in" units of the same dimensions as the suspension grid described and allowance must be made accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted for light fittings and pricing is to take cognisance thereof)					
<u>Note:</u>					
All ceiling tiles are to be fitted in ceiling grid with storm clips					
<u>600 x 1200mm Drop in panel ceiling with vinyl clad calcium silicate panels laid on OWA Construct S15 pre-painted exposed T15 tee suspension system including galvanised main tees, cross tees, hold down clips, wedges, reinforcement splines, etc all suspended with galvanised hangers at centres not exceeding 1200mm.</u>					
5	Ceilings suspended not exceeding 1m below timber trusses	m2	6,069		
6	Extra over suspended ceiling for forming a 1200 x 1200mm opening access panel including necessary cutting of cross tees framing all around panel and fitting into the suspended tees including tile stiffeners and additional hangers and fitted with storm clips	No	103		
<u>Owa prepainted No 56/20 - SM25 Shadowline cornices plugged</u>					
7	Galvanised pre-painted shadowline cornice	m	4,532		
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Builders Work Bill No. 8 Ceilings, Partitions and Access Flooring KZN Department of Health					

SMOKE BARRIER INSIDE ROOF SPACE

8	15mm "Rhino" fire-stop gypsum plasterboard inside roof space with patent H-type pressed steel jointing strips, including 50 x 50mm sawn softwood battens at 450mm centres in one direction nailed to roof truss members, including cross bandering at ends and along walls, roof tiles, etc	m2	96
9	Sealing top of gypsum fire barrier against roof tiles with 'Pryrocote' fire retardent agent	m	50

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Ceilings, Partitions and Access Flooring

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Item No	<u>SECTION NO. 2</u>	Quantity	Rate	Amount R
	<u>BILL NO. 9</u>			
	<u>FLOOR COVERINGS, PLASTIC LININGS, ETC</u>			
	<u>(WORK GROUP 130)</u>			
	<u>PREAMBLES</u>			
	For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors			
	<u>FLOOR COVERINGS</u>			
	<u>2,5mm "Marley HD" fully flexible seamless vinyl sheeting with welded joints fully bonded with adhesive</u>			
1	On screeded floors	m2	10,000	
2	Turn-ups over coves and up against walls not exceeding 500mm girth	m	7,500	
	<u>SKIRTINGS, NOSINGS, ETC</u>			
	<u>"Marley Extruda" MFE5</u>			
3	275mm High vinyl skirtings sealed to wall	m	2,341	
	<u>"Genesis" PVC self adhesive cover strips</u>			
4	60 x 3mm Code CIA606 PVC cover strip welded on both sides	m	500	
	<u>"Genesis" 10,5mm MLD PVC light duty expansion joint laid on screeded floor to receive abutting porcelain tiles (elsewhere measured)</u>			
5	Code 105 MLD profile expansion joint	m	652	
6	On screeded floors.	m2	45	
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	Builders Work Bill No. 9 Floor Coverings, Wall Linings, etc KZN Department of Health			

POLISH, SEALERS, ETC

7	Clean, strip tiles and apply two coats of metallised floor dressing on vinyl flooring	m2	2,527
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Floor Coverings, Wall Linings, etc

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Item No		Quantity	Rate	Amount R
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 10</u>			
	<u>METALWORK</u>			
	<u>(WORK GROUP 136 UNLESS OTHERWISE STATED)</u>			
	<u>PREAMBLES</u>			
	For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Descriptions of bolts shall be deemed to include nuts and washers			
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
	Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described			
	<u>GALVANISED WELDED SCREENS, GATES, ETC</u>			
	Note: All opening gates are to be provided with one heavy duty padlock and two keys			
	<u>Welded mesh screens to ceilings</u>			
1	Steel mesh covering 1590 x 1930mm on plan in ceilings including all necessary bolts, framing, etc	m2	64	
2	Steel mesh covering 3427 x 4567mm on plan in ceilings including all necessary bolts, framing, etc	m2	400	
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Mesh covered gates

3	Manufacture supply and install single gate type size 800 x 2100 comprising gate and frame of 60 x 40 x 3mm GMS rectangular section with 16mm diameter solid round vertical bars as infill at 110mm centres, 40 x 6mm intermediate horizontal supports with 19mm holes for vertical rods, 3 x 25mm diameter x 80mm long pin type hinges to allow 180° opening, 10mm barrel bolt, clasp, pack lugs and "Buildware" B1292 heavy duty spring loaded door holder all as detailed on drawing WD-402 (Gate type G1)	No	43
4	Manufacture supply and install double gate type size 1400 x 2600 comprising gate and frame of 60 x 40 x 3mm GMS rectangular section with 16mm diameter solid round vertical bars as infill at 110mm centres, 40 x 6mm intermediate horizontal supports with 19mm holes for vertical rods, 3 x 25mm diameter x 80mm long pin type hinges to allow 180° opening, 10mm barrel bolt, clasp, and "Buildware" B1292 heavy duty spring loaded door holder all as detailed on drawing WD-402	No	55
5	Manufacture supply and install single gate type size 1600 x 1800 comprising gate and frame of 60 x 40 x 3mm GMS rectangular section with 16mm diameter solid round vertical bars as infill at 110mm centres, 40 x 6mm intermediate horizontal supports with 19mm holes for vertical rods, 3 x 25mm diameter x 80mm long pin type hinges to allow 180° opening, 10mm barrel bolt, clasp, and "Buildware" B1292 heavy duty spring loaded door holder all as detailed on drawing WD-402 . (Gate type G4)	No	55

Galvanised mild steel clad gate

6	Manufacture supply and install double gate type size 1600 x 1800 comprising gate and frame of 60 x 40 x 3mm GMS rectangular section with 16mm diameter solid round vertical bars as infill at 110mm centres, 40 x 6mm intermediate horizontal supports with 19mm holes for vertical rods, 3 x 25mm diameter x 80mm long pin type hinges to allow 180° opening, 10mm barrel bolt, clasp, and "Buildware" B1292 heavy duty spring loaded door holder and 3mm thick sheet metal cladding to both sides of each leaf	No	20
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GALVANISED PRESSED STEEL DOOR FRAMES

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<p><u>1,6mm Rebated frame suitable for half brick wall with three 100 x 75mm stainless steel ball bearing butt hinges as B and B Hardware 1535 fitted to frame for each door leaf</u></p>				
7	Frame for door size 1125 x 2039mm high	No	25	
8	Frame for double door size 2250 x 2032mm high	No	60	
<p><u>1,6mm Double rebated frame suitable for one brick wall with three 100 x 75mm stainless steel ball bearing butt hinges as B and B Hardware 1535 fitted to frame for each door leaf</u></p>				
9	Frame for door size 813 x 2032mm high	No	3	
10	Frame for double door size 1613 x 2032mm high in two leaves	No	4	
<p><u>1,6mm Double rebated frame suitable for half brick wall with three 100 x 75mm stainless steel ball bearing butt hinges as B & B Hardware 1535 fitted to frame for each door leaf (as detailed on drawing TC64/19/1-4/20 Rev B included at the end of these Bills of Quantities</u></p>				
11	Frame for double door size 1200 x 2064mm high	No	1	
<p><u>STAINLESS STEEL DOOR FRAMES</u></p>				
<p><u>1,6mm Rebated purpose made stainless steel frame suitable for half brick wall with three 100 x 75mm stainless steel ball bearing butt hinges as B and B Hardware 1535 fitted to frame for each door leaf</u></p>				
12	Frame for door size 813 x 2032mm high	No	154	
13	Frame for door size 1000 x 2032mm high	No	79	
14	Frame for double door size 1216 x 2032mm high	No	29	
15	Frame for double door size 1613 x 2032mm high in two leaves	No	4	
<p style="text-align: center;">Carried to Collection</p>				R
<p>Builders Work Bill No. 10 Metalwork KZN Department of Health</p>				

1,6mm Rebated purpose made stainless steel frame suitable for one brick wall with three 100 x 75mm stainless steel ball bearing butt hinges as B and B Hardware 1535 fitted to frame for each door leaf

16	Frame for door size 813 x 2032mm high (D4 & D5)	No	194
17	Frame for double door size 1216 x 2032mm high in two unequal leaves	No	29
18	Frame for double door size 1390 x 2032mm high in two equal leaves (D20)	No	63
19	Frame for door size 1626 x 2032mm high	No	6
20	Frame for double door size 1613 x 2032mm high in two leaves	No	36

ALUMINIUM GENERALLY

(WORK GROUP 140)

All Architectural aluminium work ie. doors, windows, louvres, etc must carry the certification seal of the Association of Architectural Aluminium Manufacturers of South Africa and no items which are not certified will be accepted on site

Safety and security glazing materials shall comply with SABS 1263

SUPPLEMENTARY PREAMBLES

Aluminium sections

Flimsy sections which are easily bent or damaged in normal use will not be acceptable and the window units must be capable of withstanding public use for the life of the building. Window frames shall be unequal leg allowing for plastered finish on the inside

Aluminium alloy for powder coating is to be produced to British Standard Specification 1470, 1471 or 1474

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Corners, joints and glazing beads should be accurately mitred or notched and there must be no sharp edges or unsightly gaps when viewed from a distance of 3 metres

Window frames are to be prepared for glazing from the outside and fixed with extruded snap-on type aluminium glazing beads which are to be powder coated to the same colour and specification as the window frames themselves

The frames to be formed perfectly flat, truly square and properly jointed at angles and intersections. Opening sections must fit perfectly on all faces and must open and close freely without binding at any point. Windows are to be fitted with felt inserts to provide a perfect seal when closed

All necessary fittings are to be attached to the frames and sashes in the strongest possible manner and they shall retain the sashes rigidly in the open or closed position

The manufacturers' own methods of construction may be used throughout provided that all joints are the strongest of their kind and are neatly formed to give the best possible appearance. All windows are to be left in perfect working order on completion of the project

Powder coating

The powder coating to be applied to all doors and window is to be colour Burgundy and is to be finished with a gloss finish

All powder coating is to be subject to a 15 year guarantee which is to be provided by the applicator in writing

The thickness of the powder coating is to be a minimum 60 microns

The work is to be undertaken in accordance with British Standard 6496 or SABS 1578. The powder coating shall also be applied by an approved applicator who is able to comply with the requirements of the required standards and who must be registered by the manufacturers of the guaranteed products

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Waterproofing

Window frames generally are to be waterproof and this shall also apply when they are installed and closed

Because the windows are being built into facebrick walls, they are to be sealed using a clear silicone on the two reveal sides as well as the cill

Protection

All windows are to be protected against damage during handling, transport to site, building in and final completion. This will require that they are fully wrapped or taped to protect the powder coating throughout the construction process. Protective wrapping is to be fully removed on completion

It is recommended that the Contractor liaise with the Supplier regarding protection of windows and glass from the time that they have been installed until completion of the project

Fixing

The frames shall be fitted with the manufacturer's standard type of fixing lug which is to be no less than 19 x 3 x 150mm long which is to be screwed to the frame. These are to be placed one near to each corner and intermediately not more than 450mm apart to sides, top and bottom

Sample

Once the order has been placed for the windows, the Contractor will be required to provide a full size example of a window incorporating an opening section with burglar bars. This will be subject to scrutiny by the Architects who will check the window for compliance with the specifications. Various amendments could be called for but in any event, the approved sample is to be left on site as an example of the requirements for all windows to be provided as part of this project. Any windows brought to site which do not comply with the sample will be required to be removed and replaced

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Drawings

NOTE:

Tenderers are referred to Architect's drawings included at the end of these Bills of Quantities for tender purposes

ALUMINIUM WINDOWS AND DOORS

Natural anodised shopfronts complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete, refer to architects drawing number S264-401 REV 0

21	Purpose made shopfront, 816 x 2032mm high (D3)	No	13
22	Purpose made shopfront, 1632 x 2032mm high with one double door 816 x 2032mm high (D6)	No	19

ALUMINIUM WINDOWS

23	Allow a Budgetary Allowance of R2,000 000.00 (Two Million Rand Only) to provide aluminium windows, etc.	Item	1.00
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ALUMINIUM GLAZED DOORS, SHOP FRONTS AND FRAMES ETC

24	Allow a Budgetary Allowance of R5,000 000.00 (Five Million Rand Only) to provide aluminium doors, frames shopfronts, etc.	Item	1.00
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SHOWER CUBICLE DOORS

"Showerlux" magic epoxy powder coated aluminium shower cubicle hinged doors with and including obscure toughened safety glass according to manufacturer's specifications, fixed to tiled walls and sealing all around frame against tile faced walls with an all purpose silicone sealer

25	Pirouette pivot action hinged shower door 1030 x 1900mm high overall installed complete all as Architects drawing S264 - 400	No	29
26	Pirouette pivot action hinged door 730 x 1750mm high overall installed complete all as Architects drawing S264 - 400 D11	No	20

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NATURAL ANODISED ALUMINIUM LOUVRE UNITS

"Trox door grilles"

Take delivery from mechanical contractor (Grilles measured as supply only in the mechanical installation section) form opening in doors and fit only the following door grilles

27	450 x 300mm Louvre unit	No	100
28	450 x 450mm Louvre unit	No	140

GALVANIZED PRESSED STEEL TRANSFORMER ROOM DOORS AND FRAMES

Transformer room doors and frames shall be manufactured of 1,6mm thick steel plate. Frames shall be as described for pressed steel door frames. Doors shall be of standard design with a 44mm wide edge all round, vertical reinforcing ribs pressed in and with three reinforcing rails welded on. Single doors shall be fitted with a padlock cleat and two 100mm brass pintle hinges and double doors shall be fitted with a padlock cleat, two 150mm bolts and four 100mm brass pintle hinges. Each leaf shall be fitted with a louvred ventilation panel of standard design backed with 6mm mesh galvanized wire vermin proof screen

29	Transformer room double door and frame size 1829 x 2438mm high overall with each leaf comprising 100mm steel mid rail forming two louvred ventilation panels complete with vermin proof screen behind each panel and fitted with steel locking eye including rebated frame suitable for 230mm wall	No	12
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GALVANIZED STEEL LOUVRE PANELS

"Trox" type WG louvre panels screwed to timber grounds (elsewhere measured)

30	1200 x 1200mm Vented louvre	No	100
31	1500 x1 500 x 300mm Outlet louvre	No	100

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ROLLER SHUTTER DOORS

Roller shutters shall be of approved manufacture comprising curtain, vertical channel guides and top mechanism. The curtain shall be constructed of 1mm thick machine-rolled galvanized interlocking slats with mild steel end locks spot welded to alternate strips. The bottom shall be provided with a galvanized rail riveted on and vertical edges shall slide in galvanized channel guides formed of steel not less than 2,5mm thick bolted to sides of openings

The mechanism shall be covered in a galvanized sheet iron box. The ungalvanized sections shall be treated with one coat of primer complying with SABS 679 before leaving the factory

NOTE:

Roller shutter doors to have a spring balanced jamb lifting mechanism with pull down handle with central locking handle and catches

GALVANIZED STEEL ROLLER SHUTTER DOORS

Approved manual operated hot dipped galvanised steel 11,5 kg per m2 push-up slatted roller shutter doors to brickwork or concrete, refer to architects drawing number S264-400 REV 0

32	To suit opening size 960 x 1019mm high	No	10
33	To suit opening size 1766 x 1019mm high	No	15
34	To suit opening size 2500 x 2100mm high (D22)	No	60
35	To suit opening size 2450 x 2075mm high	No	1
36	To suit opening size 3000 x 3096mm high	No	6
37	To suit opening size 3828 x 2100mm high (D19)	No	2

STEEL STRONGROOM DOORS, VENTILATORS, ETC

'Chubb" Gun safe

38	1650 x 600mm high eye level gun safe	No	1
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Epoxy powdercoated charcoal shopfronts complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete, refer to architects drawing number S264-401 REV

39	Window Type W01 size 1800 x 1200mm high overall installed complete all as Architects drawing S264 - 402	No	224
40	Window Type W02 size 600 x 600mm high overall all as Architects drawing S264 - 402	No	136
41	Window Type W03 size 1200 x 600mm high overall installed complete all as Architects drawing S264 - 402	No	62
42	Window Type W04 size 1200 x 1200mm high overall installed complete all as Architects drawing S264 - 402	No	144
43	Window Type W05 size 800 x 1200mm high overall installed complete all as Architects drawing S264 - 402	No	2
44	Window Type W14 size 500 x 900mm high overall installed complete all as Architects drawing S264 - 402	No	4

Epoxy powdercoated charcoal shopfronts complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete, refer to architects drawing number S264-401 REV

45	Purpose made shopfront, 816 x 2032mm high (D3)	No	17
46	Purpose made shopfront, 1632 x 2032mm high with one double door 816 x 2032mm high (D6)	No	14
47	Aluminium shopfront Type W07A, overall size 12300 x 2954mm high overall with fixed lights two sliding panels, ribbed aluminium panels including all glazing and with outer frame fixed to and including timber ground, all as detailed on drawing number Architects S264 -403 included at the end of these Bills of Quantities MAIN CLINIC ENTRANCE SHOPFRONT	No	1
48	Natural anodised Aluminium shopfront Type S01, size 2590 x 1100mm high overall with horizontal slide opening section and fixed pane sidelights including all glazing and perimeter of window sealed with silicone, all as detailed on drawings	No	1

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49	Natural anodised Aluminium shopfront Type S02, size 1250 x 1100mm high overall with double slide window including all glazing and perimeter of window sealed with silicone, all as detailed on drawings	No	7		
50	Natural anodised Aluminium shopfront Type S03, size 1800 x 1100mm high overall with fixed glazing and perimeter of window sealed with silicone, all as detailed on drawings	No	1		
51	Natural anodised Aluminium shopfront Type S04, size 930 x 1100mm high overall with fixed glazing and perimeter of window sealed with silicone, all as detailed on drawings	No	1		
52	Natural anodised Aluminium shopfront Type S05, size 500 x 800mm high overall with lead lined (Elsewhere measured) fixed glazing and perimeter of window sealed with silicone, all as detailed on drawings. Lead lined glass supplied by Xray Africa	No	1		
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Metalwork

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<p><u>SECTION NO. 2</u></p>			
<p><u>BILL NO. 11</u></p>			
<p><u>PLASTERING</u></p>			
<p><u>(WORK GROUP 142)</u></p>			
<p><u>PREAMBLES</u></p>			
<p>For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Tal (Pty) Ltd Screedmaster</u></p>			
<p>1. <u>Background Preparation</u></p>			
<p>1.1 Allow all new concrete work and screeds to cure for at least 28 days before proceeding. All new concrete work and screeds must have a moisture content of 5% or less before proceeding. When screeding directly onto concrete, ensure that the surfaces are clean and free of all traces of curing agents, laitance and any other surface contaminants, preferably by scarifying or sandblasting</p>			
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- 1.2 Any screeding must be firmly attached to the underlying concrete, must be integrally sound (no crumbling, cracking, etc) and must be of a quality and consistency suitable for screeding over. All defective areas must be removed and the floor made as follows:
 - 1.2.1 Prime the surface with a TAL FLOOR PRIMER, which is brushed onto the floor. While this coat is STILL TACKY, the RAPIDFIX must be applied
 - 1.2.2 Add TAL RAPIDFIX to clean water and mix until the desired trowelable paste is achieved, which must be lump-free and creamy. Do not mix up more than can be used in 20 minutes. Stir occasionally whilst in use. Apply the paste to the area using a steel trowel and work to a smooth level surface
 - 1.2.3 Allow these areas to dry overnight before proceeding
- 1.3 All "lows" and voids in the floor must be identified and filled with TAL RAPIDFIX prior to applying TAL SCREEDMASTER, and all "highs" or trowel marks must be identified and ground down
- 1.4 The background surface must be free from dust, loose particles and surface contaminants. Prime the surface with TAL FLOOR PRIMER, which is brushed onto the floor. The screed must be applied once the priming layer is TOUCH DRY. It is imperative that the priming layer is applied just prior to the SCREEDMASTER application, and that the priming layer is not wet when the SCREEDMASTER is applied. (Very porous floors may require more than one application of TAL FLOOR PRIMER.)

2. **Screeding**

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- 2.1 Add 22kg TAL SCREEDMASTER to 6 litres of clean, cool water while stirring slowly with an electric drill of at least 700 watts with a TAL MIXING PADDLE attachment. The mixing process and application should be continuous. Mix thoroughly until a smooth, lump-free paste is obtained. Allow the mix to stand for 3 minutes, and then stir again for 1 minute. Stir occasionally whilst in use. DO NOT OVER WATER THE MIX. Do not mix up more than can be used in 20 - 30 minutes
- 2.2 Pour the mix onto the floor and spread with a TAL NOTCHED FLOOR RAKE or a TAL STRAIGHT EDGE RAKE to the required thickness. (The size of the notch of the TAL FLOOR RAKE or the height adjustment of the TAL STRAIGHT EDGE RAKE will determine the thickness.)
- 2.3 Immediately smooth the compound using a TAL FLAT SMOOTHING RAKE. It is recommended to wear TAL SPIKED SHOES during the installation. Roll the area using a TAL SPIKED ROLLER to facilitate the release of any trapped air to produce a smooth surface, and to allow it to dry
- 2.4 It is recommended to apply TAL SCREEDMASTER in thicknesses exceeding 3mm to obtain optimum results. (A 5mm build is recommended.)
- 2.5 All designed structural or cold joints in the background substrate must be identified, and saw-cuts must be made in the SCREEDMASTER layer to coincide with these joints
- 2.6 The floor must be left to cure overnight. Ensure that the surface is clean and free of dust and loose particles before proceeding with applying the vinyl floor covering using an approved vinyl adhesive

SCREEDS

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NOTE:

The finishes to concrete floors and screeds are to comply to the highest SABS to flatness of accuracy 1 of table 4 of SABS 0109-2:1992 and permissible deviation in floors will be grade 1 as per table A1 SABS 070:1991. For vinyl floors the flatness degree of accuracy will not exceed SABS degree of accuracy 1 as per table 4 SABS 0109-2:1992 and the maximum tolerance will be 1mm

Cement screeds

1	30 mm Thick on floors and landings to receive floor tiles (elsewhere measured)	m2	5,000
2	35mm screed on surface bed	m2	232
3	40mm Thick on floors and landings to receive "Ta" screed master (elsewhere measured)	m2	9,952
4	Average 40 mm thick on floors to falls and currents (Showers)	m2	52
5	Average 80 mm thick on floors to falls and currents	m2	194
6	10mm Thick on narrow widths	m2	21

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Tal (Pty) Ltd Screedmaster

Seal surface of screeded floor, apply floor primer, rapidmix and screedmaster to a final thickness of 5mm, all in strick accordance with the Supplementary Preambles

7	On screeded floor to receive vinyl sheeting (elsewhere measured)	m2	2,527
8	On screeded floor to receive carpet measured elsewhere	m2	10,000

Lightweight vermiculite cement screeds "CONFOMIX" or other approved Lightweight Cellular Concrete, as supplied and installed by Messrs. Industrial Linings Natal cc" steel trowelled on concrete

9	Average 160mm thick on floors to falls and currents to receive waterproofing (elsewhere measured)	m2	250
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GRANOLITHIC

Untinted granolithic on concrete

10	30mm Thick on floors and landings	m2	5,000
11	50mm Average thick to falls and currents on floors, including finishing off to a non-slip finish	m2	4,000
12	Skirting 75mm high	m	10,000

INTERNAL PLASTER

Cement plaster on brickwork

13	On walls	m2	21,909
14	On ceilings	m2	150
15	On narrow widths	m2	1,239

Cement plaster with "Sikalite" or similar approved water proofing admixture on brickwork

16	On walls inside cable ducts	m2	42
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EXTERNAL PLASTER

Cement plaster on brickwork

17	On walls	m2	296
18	On narrow widths	m2	20

Cement plaster on concrete

19	On projecting and isolated beams	m2	254
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CORNER PROTECTORS, DIVIDING STRIPS, ETC

20	3 x 40 mm Flat section brass dividing strips between different floor finishes	m	371
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EPOXY FLOORING SYSTEM, ETC

Prepare and apply 'Ivory Industrials (Pty) Ltd Code 318/20' or other approved epoxy mortar screed at a nominal thickness of 6mm including a non-slip finish to

21	On granolithic to floors	m2	1,000
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Prepare and apply 'Ivory Industrials (Pty) Ltd Code 349' or other approved epoxy mortar screed at a nominal thickness of 6mm to

22	100mm High skirtings to walls, including forming 30mm radius cove at junction of floor and wall and working into termination grooves to floor and wall	m	1,000
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Prepare and apply 'Ivory Industrials (Pty) Ltd Code 129Y' reinforced waterproofing system and apply 'Ivory Industrials (Pty) Ltd Code 318/20' epoxy mortar screed at a nominal thickness of 6mm including a non-slip finish to

23	On granolithic to floors	m2	2,000
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EXTRAS

24	Polyurethane Screed	m2	1,003
25	Epoxy to walls	m2	54

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Item No	<u>SECTION NO. 2</u>	Quantity	Rate	Amount R
	<u>BILL NO. 12</u>			
	<u>TILING</u>			
	<u>(WORK GROUP 144)</u>			
	<u>PREAMBLES</u>			
	For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors			
	<u>WALL TILING</u>			
	<u>300 x 300 x 6-8mm Porcelain floor tiles (Allow PC sum of R700 per m²) fixed with waterproof adhesive to screed (screed elsewhere measured) and flush pointed with antibacterial epoxy tile grout</u>			
1	On walls	m2	3,181	
2	On narrow widths	m2	288	
3	On walls in isolated panels, splashbacks, etc	m2	202	
	<u>FLOOR TILING</u>			
	<u>330 x 330 x 7mm Porcelain floor tiles (Allow a PC sum of R750 per m²) fixed with adhesive to screed (screed elsewhere) and flush pointed with antibacterial epoxy tile grout</u>			
4	On floors and landings	m2	3,983	
5	Skirting 100mm high	m	3,782	
	<u>Listello tiles (Allow a PC sum of R1500 per m²) fixed with adhesive to screed (screed elsewhere) and flush pointed with antibacterial epoxy tile grout</u>			
6	On walls as Listello	m2	1,500	
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Tiling

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Tiling

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Item No	Quantity	Rate	Amount R
<p><u>SECTION NO. 2</u></p>			
<p><u>BILL NO. 13</u></p>			
<p><u>PLUMBING AND DRAINAGE</u></p>			
<p><u>(WORK GROUP 148 UNLESS OTHERWISE STATED)</u></p>			
<p><u>PREAMBLES</u></p>			
<p>For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Septic Tanks</u></p>			
<p>Descriptions of septic tanks shall be deemed to include excavation, bedding and jointing, concrete base slabs, jointing to drains and backfilling, compaction, etc all in accordance with the manufacturer's instructions</p>			
<p><u>Exposed Concrete Surfaces</u></p>			
<p>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</p>			
<p><u>Excavations</u></p>			
<p>No claim for rock excavation will be entertained unless the contractor has timeously notified the Quantity Surveyor thereof prior to backfilling</p>			
<p>"Intermediate material" and "Hard rock" shall be as defined in "Earthworks"</p>			
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Laying, Backfilling, Bedding, Etc of Pipes

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

Where no manufacturer's 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

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

Steel Sectional Water Tanks

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**"Densyl" Petrolatum Anti-Corrosion Tape As
Manufactured by Denso SA (Pty) Ltd**

Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described

Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including all mastic, tape, "layflat" sheeting, securing of same, etc

Prices for wrapping of pipes shall include for all work as described to couplings in the length

Plumbing

Chases

RAINWATER DISPOSAL

"Watertite" seamless aluminium

1	150 x 110mm "Ogee" eaves gutters	m	1,250
2	Extra over 125 x 85mm eaves gutter for angle	No	237
3	Extra over 125 x 85mm eaves gutter for outlet for 75mm pipe	No	163
<u>"Watertite" seamless industrial aluminium</u>			
4	125mm Half-round roof gutters with beaded front edge	m	2,200
5	Extra over 125mm eaves gutter for angle	No	120
6	Extra over 125mm eaves gutter for outlet for 75mm pipe	No	85
7	150 x 150mm Eaves gutters with beaded front edge	m	1,216
8	220 x 15mm Aluminium fibre cement gutters	m	2,500
9	Extra over 150 x 150mm eaves gutter for stopped end	No	67
10	Extra over 150 x 150mm eaves gutter for angle	No	217
11	Extra over 150 x 150mm eaves gutter for outlet for 100mm pipe	No	61

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"Marley Streamline" uPVC

12	75mm Diameter rainwater pipes fixed to walls with aluminium holderbats	m	209
13	Extra over 75mm rainwater pipe for shoe	No	89
14	Extra over 75mm rainwater pipe for eaves or plinth offset 900mm projection	No	64
15	100mm Diameter rainwater pipes fixed to walls with aluminium holderbats	m	300
16	100mm Diameter rainwater pipes fixed to steel columns with aluminium holderbats	m	300
17	Extra over 100mm rainwater pipe for shoe	No	109
18	Extra over 100mm rainwater pipe for eaves or plinth offset 900mm projection	No	105
19	Extra over 100mm rainwater pipe for eaves or plinth offset 1200mm projection	No	50
20	Spreader 300mm long for 100mm diameter pipe with half closed ends and 20mm holes at 50mm centres	No	19

"Fulbore" cast iron outlets

21	100mm Vertical outlet adapted for uPVC piping	No	4
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SANITARY FITTINGS

NOTE:

All fittings butting up against wall or floor finishes or fitting into preformed openings in timber tops are to be sealed with an approved all purpose silicone sealant

Prices for sinks described as drop in are to include for preparing the worktop to receive the fitting and securely fixing sinks to worktops using clips provided. The contractor is to provide worktop manufacturers with details of cut outs to ensure that the cut openings are sufficiently accurate to provide proper engagement for these clips

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NOTE:All Stainless steel fittings are to be grade 304 (18/10)The Tenderer is referred to the relevant 'Franke' documents, brochures, specifications, installation instructions and handbooks, etc which refer in detail to the fittings as described

"Franke"

22	Franke BR6' bedpan and bottle rack bolted to tiled wall	No	9
23	Franke Model EC6' bedpan and washup sink size 1830 x 685mm with a 150mm high integral splashback to rear and factory fitted brassware	No	9
24	Franke Model CH' slop hopper suite with grid size 540 x 545mm with 100mm integral splashback to back and both sides, bowl with integral flushing rim, 110mm diameter waste outlet, hinged bucket grid and set on and including a pair of 40mm square stainless steel gallows brackets bolted to tiled walls	No	12
25	Franke LDS' cleaners sink size 600 x 500 x 258mm complete with hinged bucket grid mounted on 'Falcon' brackets to wall	No	30
26	Franke PPGL' plaster of paris sink size 1500 x 550 x 1050mm high with a 150mm high splashback complete with pressed preparation bowl with a 40mm waste outlet discharging into a stainless steel plaster bowl complete with stainless steel lid and removable drainer and fixed to wall/floor with 40mm square stainless steel gallows brackets and front legs with adjustable stainless steel foot pieces	No	1
27	Franke Pressed Shower Tray BS 401' 900 x 900 x 88mm deep, levelled and fully embedded in and including cement and sand 1:3 screed 100mm thick overall	No	35
28	Franke Quinline "QLL611 single bowl drop in sink, size 900x500mm overall set in worktop (elsewhere measured)	No	49
29	Franke Quinline "QLX622" double bowl drop in sink, size overall 1500x500mm set in worktop (elsewhere measured)	No	50

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30	Franke series "S1" grade 304(18/10) stainless steel single centre bowl catering sink,size 1950 x 600mm with a 150mm high splashback to the rear and 50 x 10mm turndown with beaded edge on the remaining sides . The underside sprayed with vermin proof bitumastic sound deadening and supported on a 30x30x3mm framework and galvanised mild steel backing sheet. Fitted onto 4no. 38mm dia stainless steel detachable legs with adjustable flanged foot pieces. bowl size 500x500x230mm deep	No	12	
31	Franke series "P2" Grade 304 (18/10) Stainless steel double centre bowl pot sink,size 2650 x 600mm with a 150mm high splashback to the rear and 2no sides with 50x10mm turndown with beaded edge on the front . The underside sprayed with vermin proof bitumastic sound deadening and supported on a 30x30x3mm framework and galvanised mild steel backing sheet. Fitted onto 4no. 38mm dia stainless steel detachable legs with adjustable flanged foot pieces. bowl size 760 x 460 x 380mm deep	No	1	
32	Franke Economy type ET 102 double washtrough fixed to wall on 25 x 25mm gallow brackets	No	25	
33	Franke wash hand basin "OVAL A" manufactured from 1.2mm grade 304(18/10) Stainless Steel with a one piece pressed bowl and a 50mm splashback and a radius apron, fixed to wal	No	22	
34	"Franke' Automatic bedpan wash up unit	No	30	
	<u>Vaal'</u>			
35	'Vaal SOLA 510' Vitreous china medical basin no tapholes and fixed to wall using 8448Z0 fixation bolts	No	78	
36	'Vaal HIBISCUS' 510 x 405mm Vitreous china wash hand basin and fixed to wall using 8448Z0 fixation bolts	No	54	
37	Vaal "AQUASAVE" Low level suite comprising p trap pan, 6L cistern and double flap seat	No	76	
38	Vaal "Protea" low level PARAPLEGIC suite comprising floor mounted pan, 9L cistern complete and including cp side flush lever arm and double flap toilet seat	No	23	
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	<u>uPVC</u>				
50	32mm UPVC anti vacuum trap fixed to 50mm UPVC pipe including adaptors	No	150		
51	110mm uPVC trap	No	320		
52	110mm uPVC to stainless steel adaptor	No	350		
	<u>"Flexi Traps"</u>				
53	40 x 50mm Butyl rubber 'P' or 'S' trap jointed to waste outlet fitting and UPVC pipe including clamps	No	400		
54	40 x 50mm Butyl rubber 300mm combination tee and elbow for double bowl sink jointed to waste outlet fittings with clamps	No	2		
55	40mm Butyl rubber bath combination trap	No	8		
	<u>"Cobra Watertech"</u>				
56	38mm Brass deep seal shower trap as 'Cobra 370' with chromium plated grating as 'Cobra 323' connected to shower tray and set in position in concrete floor and joint to 50mm UPVC pipe including adaptor	No	63		
57	32 x 50mm Chromium plated bottle trap as 'Cobra 340/50' and joint to waste outlet fitting and to 50mm UPVC pipe including adaptor	No	191		
58	38 x 50mm Chromium plated bottle trap as 'Cobra 360/50' and joint to waste outlet fitting and to 50mm UPVC pipe including adaptor	No	59		
	<u>"Rofo"</u>				
59	ROFO RO 200 Stainless steel floor drains with removal baskets and traps	No	13		
60	GT 700 stainless grease trap set in ground	No	10		
61	SAND trap made of 2mm galvanized mild steel and set ground with removal basket and grating, size 450 x 450 x 500mm deep with basket 400 x 400 x 400mm deep	No	10		
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TAPS, VALVES, ETC

Note:

All taps and mixers are to be fitted with water saving nuts as supplied by the manufactures of the taps

"Cobra Watertech"

62	15mm CP angle valve with 350mm cp braided connector	No	286
63	15mm "Cobra Ball-O-Flo (Ref. 1090-15)" fullway isolating ball valves with plastic coated plated steel lever handle (connectors elsewhere measured)	No	1,017
64	20mm "Cobra Ball-O-Flo (Ref. 1090-20)" fullway isolating ball valves with plastic coated plated steel lever handle (connectors elsewhere measured)	No	70
65	25mm "Cobra Ball-O-Flo (Ref. 1090-25)" fullway isolating ball valves with plastic coated plated steel lever handle (connectors elsewhere measured)	No	32
66	32mm "Cobra Ball-O-Flo (Ref. 1090-32)" fullway isolating ball valves with plastic coated plated steel lever handle (connectors elsewhere measured)	No	54
67	40mm "Cobra Ball-O-Flo (Ref. 1090-40)" fullway isolating ball valves with plastic coated plated steel lever handle (connectors elsewhere measured)	No	80
68	50mm "Cobra Ball-O-Flo (Ref. 1090-50)" fullway isolating ball valves with plastic coated plated steel lever handle (connectors elsewhere measured)	No	4
69	80mm "Cobra Ball-O-Flo (Ref. 1090-80)" fullway isolating ball valves with plastic coated plated steel lever handle (connectors elsewhere measured)	No	6
70	108mm "Cobra Ball-O-Flo (Ref. 1090-80)" fullway isolating ball valves with plastic coated plated steel lever handle (connectors elsewhere measured)	No	5
71	Flushmaster Junior Code FJ6.000' exposed type flush valve complete with wall flanges as 'C-FJZ1.3' and fix in position to brass connector (elsewhere measured) and to urinal spreader	No	48

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72	Flushmaster Junior FJ 2.210' exposed type flush valve complete with integral vacuum breaker, inlet control stop and backplate and with standard chromium plated straight flush pipe and flush pipe connector, and fix in position and joint to brass connector elsewhere measured) and to vertical inlet of slop hopper	No	200		
73	Flushmaster Junior FJ 2.100' exposed type flush valve complete with integral vacuum breaker, inlet control stop and backplate and with standard chromium plated straight flush pipe and flush pipe connector, and fix in position and joint to brass connector (elsewhere measured) and to inlet of WC	No	64		
74	15mm Chromium plated single lever elbow action pillar tap as 'Cobra 505-21'	No	47		
75	15mm Chromium plated double lever wall type elbow-action medical mixer as 'Cobra 515/055-21' with swanneck swivel outlet as 'Cobra S-044' fixed to tiled wall and joints to copper pipe	No	34		
76	15mm Chromium plated brass screw down bib-tap with hose connection as 'Cobra 206' and joint to brass connector (elsewhere measured)	No	53		
77	15mm Chromium plated combination shower set comprising undertile shower/bath diverter mixer as 'Cobra GALA 661 EA ' with 'Cobra 026' overhead shower arm, 'Cobra 065' Prestex Chromium Plated shower rose with ball joint connector, 'Cobra AP3.6' swivel conical wall bracket, 'Cobra AP8-311' wall elbow and 'Cobra 008/4C' flexible metal tubing	No	13		
78	Cobra 060 cp bath filler spout	No	2		
79	Shower set comprising 2no. Cobra 138 undertile stop taps with KP2.6 Vandalproof shower rose	No	50		
80	Cobra KM 2.102 CP Demand taps	No	100		
81	Cobra 116/041 Star pattern wall type sink mixer	No	5		
82	Franke Decor Swivel II one taphole sink mixer	No	450		
83	Cobra 108 brass hose union bib tap	No	18		
84	22mm brass pressure reducing valve	No	500		
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85	22mm Brass vacuum breaker valve	No	20		
86	32mm Cobra KD 3.304 Thermostatic mixers	No	50		
<u>SANITARY PLUMBING</u>					
<u>uPVC pipes</u>					
87	50mm Pipes laid in concrete	m	1,235		
88	50mm Pipes chased into brick walls	m	958		
89	110mm Pipes	m	584		
<u>Extra over uPVC pipes for fittings</u>					
90	50mm BSP adaptor	No	296		
91	110mm Eccentric Reducer	No	90		
92	50mm Bend	No	1,544		
93	110mm Bend	No	104		
94	50mm Access bend	No	451		
95	110mm Access bend	No	142		
96	50mm Junction	No	45		
97	110mm Junction	No	104		
98	50mm Access junction	No	38		
99	110mm Access junction	No	40		
100	110mm Reducing access junction	No	27		
101	110mm Double junction	No	12		
102	110mm Double access junction	No	4		
103	110mm Double reducing access junction	No	30		
104	50mm Vent valve	No	6		
105	110mm Vent valve	No	66		
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106	110mm Straight pan connector	No	121	
107	110mm Bent pan connector	No	150	
	<u>Testing</u>			
108	Testing waste pipe system	Item	1.00	
	<u>WATER SUPPLIES</u>			
	<u>Class 460/2 copper pipes</u>			
109	15mm Pipes	m	4,521	
110	22mm Pipes	m	3,144	
111	28mm Pipes	m	1,249	
112	35mm Pipes	m	895	
113	42mm Pipes	m	2,500	
114	54mm Pipes	m	441	
115	67mm Pipes	m	86	
116	76mm Pipes	m	608	
117	108mm Pipes	m	20	
	<u>Extra over Class 2 copper pipes for capillary fittings</u>			
118	15mm Fittings	No	5,303	
119	22mm Fittings	No	1,666	
120	28mm Fittings	No	1,440	
121	35mm Elbow	No	225	
122	35mm Straight reducing coupler	No	160	
123	35mm Tee	No	142	
124	35mm Reducing tee	No	132	
125	42mm Elbow	No	196	
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126	42mm Straight reducing coupler	No	8	
127	42mm Tee	No	101	
128	42mm Reducing tee	No	27	
129	54mm Elbow	No	67	
130	54mm Straight reducing coupler	No	98	
131	54mm Tee	No	84	
132	54mm Reducing tee	No	22	
133	67mm Elbow	No	65	
134	67mm Straight reducing coupler	No	2	
135	67mm Copper to iron straight connector	No	2	
136	67mm Tee	No	400	
137	67mm Reducing tee	No	150	
138	76mm Elbow	No	63	
139	76mm Straight reducing coupler	No	76	
140	76mm Copper to iron straight connector	No	34	
141	76mm Tee	No	58	
142	76mm Reducing tee	No	18	
143	108mm Elbow	No	4	
144	108mm Straight reducing coupler	No	4	
145	108mm Tee	No	25	
146	108mm Reducing tee	No	45	
147	108mm Copper iron straight connector	No	2	
148	76mm Brass flange complete with gasket and bolt set	No	10	
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<u>Extra over Class 2 copper pipes for brass compression fittings</u>			
149	15mm Fittings	No	832
150	22mm Fittings	No	258
151	28mm Fittings	No	66
152	35mm Copper to iron straight connector	No	188
153	42mm Copper to iron straight connector	No	150
154	54mm Copper to iron straight connector	No	48
<u>ELECTRIC WATER HEATERS</u>			
<u>"Kwikot"</u>			
155	5 Litre 'Franke Zip Hydroboil' wall mounted water boiler with polyester powder coated finish screwed to and including plugs in plastered wall with connection to 15mm copper pipe including necessary connector. (Electrical connection by Electrician)	No	13
156	100 Litre 'Kwikot' water heater, complete with 2kw electrical loading, control panel, valves, etc., and fix in position in ceiling space, including drip tray, with connection to 50mm waste	No	10
157	150 Litre 'Kwikot' water heater, complete with 3kw electrical loading, control panel, valves, etc., and fix in position in ceiling space, including drip tray, with connection to 50mm waste	No	10
158	Timber platform comprising 76 x 54mm bearers with 38 x 115mm platform	m2	50
<u>FIRE APPLIANCES, ETC</u>			
<u>"Chubb"</u>			
159	"Everyway" hose reel complete with 30m rubber hose, chromium plated stopcock, shut-off nozzle and wall bracket, bolted to wall, all to comply with SANS 543-1973	No	50
Carried to Collection			R
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160	4,5kg Carbon dioxide fire extinguisher on and including brackets plugged and screwed to wall	No	60		
161	4,5kg Dry chemical powder fire extinguisher on and including brackets plugged and screwed to wall	No	60		
<u>WATER SUPPLIES TO FIRE APPLIANCES</u>					
<u>Black Mild Steel pipes fixed to soffit and walls, or chased into walls, etc. in accordance with manufacturers specifications</u>					
162	28mm Pipes	m	330		
163	32mm Pipes	m	102		
164	40mm Pipes	m	37		
165	54mm Pipes	m	23		
166	76mm Pipes	m	16		
167	100mm Pipes	m	492		
<u>Extra over BMS steel pipe for fittings</u>					
168	28mm Fittings	No	178		
169	32mm Elbows	No	8		
170	42mm Elbows	No	4		
171	54mm Elbows	No	5		
172	76mm Elbows	No	4		
173	100mm Elbows	No	6		
174	32mm Tees	No	6		
175	40mm Tees	No	3		
176	50mm Tees	No	1		
177	75mm Tees	No	1		
178	100mm Tees	No	2		
Carried to Collection					
				R	
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179	32mm Reducers	No	8		
180	40mm Reducers	No	4		
181	54mm Reducers	No	3		
182	75mm Reducers	No	2		
183	100mm Reducers	No	8		
184	100mm Flanged adaptor complete with gasket sets	No	14		
	<u>LAGGING</u>				
	<u>15mm Thick Thermoflex lagging</u>				
185	15mm Pipes	m	250		
186	22mm Pipes	m	255		
187	28mm Pipes	m	60		
188	35mm Pipes	m	230		
189	42mm Pipes	m	222		
190	54mm Pipes	m	120		
191	67mm Pipes	m	121		
192	76mm Pipes	m	465		
	<u>Extra over lagging for fittings</u>				
193	15mm Fittings	No	250		
194	22mm Fittings	No	314		
195	28mm Fittings	No	25		
196	35mm Elbow	No	25		
197	35mm Straight reducing coupler	No	49		
198	35mm Tee	No	48		
199	35mm Reducing tee	No	5		
	Carried to Collection			R	
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200	42mm Elbow	No	22		
201	42mm Straight reducing coupler	No	40		
202	42mm Tee	No	31		
203	42mm Reducing tee	No	4		
204	54mm Elbow	No	2		
205	54mm Straight reducing coupler	No	18		
206	54mm Tee	No	16		
207	54mm Reducing tee	No	4		
208	67mm Elbow	No	7		
209	67mm Straight reducing coupler	No	8		
210	67mm Copper to iron straight connector	No	2		
211	67mm Tee	No	7		
212	67mm Reducing tee	No	2		
213	76mm Elbow	No	19		
214	76mm Straight reducing coupler	No	52		
215	76mm Copper to iron straight connector	No	24		
216	76mm Tee	No	50		
217	76mm Reducing tee	No	6		
218	76mm Brass flange	No	1		
	<u>PAINTWORK(WORK GROUP 152)</u>				
	<u>One coat self-etching primer, one undercoat and two coats "Plascon Super Universal Gloss Enamel" paint on GMS</u>				
219	On pipes, etc	m2	50		
220	On pipes, etc not exceeding 300mm girth	m	6		
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	Builders Work Bill No. 13 Plumbing and Drainage KZN Department of Health				

Plumbing and Drainage

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 Bill No. 13
 Plumbing and Drainage
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Item No	<u>SECTION NO. 2</u>	Quantity	Rate	Amount R
	<u>BILL NO. 14</u>			
	<u>GLAZING</u>			
	<u>(WORK GROUP 150)</u>			
	<u>PREAMBLES</u>			
	For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors			
	<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u>			
	<u>4mm Thick silvered float glass copper backed mirrors with bevelled and polished edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u>			
1	Mirror size 400 x 900mm high with four screws	No	20	
2	Mirror size 450 x 600mm high with four screws	No	141	1200
3	Mirror size 450 x 900mm high with four screws	No	10	
4	Mirror size 600 x 1000mm high with four screws	No	15	
5	Mirror size 600 x 800mm high with four screws	No	12	
6	Mirror size 1950 x 850mm high with four screws	No	6	
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	Builders Work Bill No. 14 Glazing KZN Department of Health			

Item No	Quantity	Rate	Amount R
<p><u>SECTION NO. 2</u></p>			
<p><u>BILL NO. 15</u></p>			
<p><u>PAINTWORK</u></p>			
<p><u>(WORK GROUP 152)</u></p>			
<p><u>PREAMBLES</u></p>			
<p>For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Proprietary items or materials</u></p>			
<p>Proprietary items or materials where specified are to be of the brand specified - or other approved - by the Head - Works</p>			
<p><u>SABS Specifications</u></p>			
<p>Alkali resistant plaster primer : SABS 1416</p>			
<p>Matt or eggshell decorative paint for interior works : SABS 515</p>			
<p>High gloss enamel paint : SABS 630 Grade I</p>			
<p>Oil gloss enamel paint : SABS 631</p>			
<p>Primers for wood for external work : SABS 678 Type I</p>			
<p>Primers for wood for internal work : SABS 678 Type III</p>			
<p>Zink chromate primers for steel : SABS 679 Type I</p>			
<p>Undercoats for paints (except emulsion paint) : SABS 681 Type I</p>			
<p>Aluminium paint : SABS 682 Grade II</p>			
<p>Roof paints : SABS 683 Type B (Oil based)</p>			
<p>Carried to Collection</p>			R
<p>Builders Work Bill No. 15 Paintwork KZN Department of Health</p>			

Roof paints : SABS 940 (Emulsion based)
 Structural steel pain : SABS 684 Type B
 Wash primer (metal etch) : SABS 723
 Varnish for interior use : SABS 887 Type I
 Emulsion paints : SABS 1227 (Textured: Internal / External)
 Emulsion paints : SABS 1586 (Gloss, semi-gloss; matt; internal / external)
 Calcium plumbate primer : SABS 912
 Road marking paint : SABS 5731 Part I

PAINTWORK, ETC TO NEW WORK

ON FLOATED PLASTER

Prepare and apply one alkali resistant primer to SABS 1414 and two finishing coats ' Double Velvet' acrylic emulsion paint to SABS 1586 Grade 1 on

1	On internal walls	m2	23,000
2	On external walls	m2	286
3	On ceilings and cornices	m2	1,843

Prepare and apply one alkali resistant primer to SABS 1414 and one undercoat to SABS 681 Type 11 and one finishing coat ' Velvagio' polyurethane enamel paint to SABS 515

4	On internal walls	m2	26,161
5	On narrow widths	m2	636
6	On ceilings and beams	m2	1,000
7	On beams	m2	500

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	<u>Prepare and apply 'Ivory Industrials (Pty) Ltd Code 129Y' or other approved reinforced waterproofing system and three finishing coats 'Ivory Industrials (Pty) Ltd Code 1067' or other approved water dispersed epoxy coating at a nominal dry film thickness of 150 microns</u>			
8	On floated plastered face of brick walls, etc	m2	1,500	
	<u>Prepare stop and apply one alkali resistant primer to SABS 1414 and two finishing coats "Double Velvet" acrylic emulsion paint to SABS 1586 Grade 1</u>			
9	On ceilings and cornices	m2	2,829	
	<u>ON FIBRE-CEMENT</u>			
	<u>Prepare and apply one alkali resistant primer to SABS 1414 and two finishing coats ' Double Velvet' acrylic emulsion paint to SABS 1586 Grade 1</u>			
10	On ceilings and cornices	m2	2,500	
11	On fascias and barge boards	m2	1,002	
12	On window sills not exceeding 300mm girth	m	982	
	<u>ON METAL</u>			
	<u>Prepare, prime with one coat self etching primer to SABS 912 and apply one undercoat to SABS 618 type 11 and two finishing coats gloss enamel paint to SABS 630 Type 1</u>			
13	On door frames	m2	210	
14	Gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area)	m2	336	
	<u>Spot priming defects in pre primed surfaces with zinc chromate primer and applying one undercoat and two coats alkyd enamel paint in colours which have a value of 7 or less on the Munsell system in accordance with SABS 1091</u>			
15	On columns and beams	m2	300	
	<u>ON WOOD</u>			
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Paintwork

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1	Earthworks	55	
2	Concrete, Formwork and Reinforcing	63	
3	Precast Concrete	64	
4	Masonry	71	
5	Waterproofing	76	
6	Roof Coverings	79	
7	Carpentry and Joinery	86	
8	Ceilings, Partitions and Access Flooring	90	
9	Floor Coverings, Wall Linings, etc	93	
10	Metalwork	105	
11	Plastering	112	
12	Tiling	115	
13	Plumbing and Drainage	133	
14	Glazing	134	
15	Paintwork	139	
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Item No	Quantity	Rate	Amount R
<p><u>SECTION NO. 3</u></p>			
<p><u>BILL NO. 1</u></p>			
<p><u>EXTERNAL WORKS</u></p>			
<p>Unless otherwise described, the preambles and full descriptions of the items in the preceeding Bills are to apply equally to this Bill</p>			
<p><u>(WORK GROUP 146 UNLESS OTHERWISE STATED)</u></p>			
<p><u>PREAMBLES</u></p>			
<p>For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Concrete Pipes</u></p>			
<p>Pipes shall be jointed with ogee joints with rubber collars or socket and spigot joints with rubber rings</p>			
<p><u>Vitrified clay pipes, etc</u></p>			
<p>Pipes shall rest on solid ground and where necessary, pockets of sufficient size shall be cut around joints to enable the jointing to be properly performed or, alternatively, pipes shall be bedded full length on and including unreinforced concrete laid in a semi-dry state immediately before pipes are laid</p>			
<p><u>uPVC Pipes and Fittings</u></p>			
<p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings</p>			
<p>Soil, waste and vent pipes and fittings shall be solvent weld jointed</p>			
<p>Carried to Collection</p>			R
<p>External Works Bill No. 1 External Works KZN Department of Health</p>			

uPVC Pressure Pipes and Fittings

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

Copper Pipes

Pipes shall be hard drawn and half-hard pipes of the class stated

Class 0 (thin walled hard drawn) pipes shall not be bent

Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers

Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type

Capillary solder fittings shall comply with ISO 2016

Only compression fittings shall be used in walls or in ground

Lead Pipes and Traps

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

Reducing Fittings

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

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Wire Gratings

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

Septic Tanks

Descriptions of septic tanks shall be deemed to include excavation, bedding and jointing, concrete base slabs, jointing to drains and backfilling, compaction, etc all in accordance with the manufacturer's instructions

Exposed Concrete Surfaces

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

Excavations

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

"Soft rock" and "Hard rock" shall be as defined in The Standard Preambles to All Trades (WB20)

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Laying, Backfilling, Bedding, Etc of Pipes

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

Where no manufacturer's 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

Steel Sectional Water Tanks

Tanks shall comply with SABS CKS 114

STORMWATER DRAINAGE

Heavy duty Class 6 uPVC pipes and fittings

1	160mm Pipes laid in and including trenches not exceeding 1m deep	m	1,801
2	200mm Pipes laid in and including trenches not exceeding 1m deep	m	115
3	250mm Pipes laid in and including trenches not exceeding 1m deep	m	26
4	315mm Pipes laid in and including trenches not exceeding 1m deep	m	1,500

Extra over heavy duty uPVC pipes for fittings

5	160mm Bend	No	214
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6	200mm Bend	No	5	
7	160mm Junction	No	223	
8	200mm Reducing junction	No	16	
9	315mm Reducing junction	No	1	
<u>Class 100D reinforced concrete pipes with spigot and socket joints</u>				
10	300mm pipes laid in and including trenches not exceeding 1m deep	m	692	
11	300mm pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	175	
12	375mm pipes laid in and including trenches not exceeding 1m deep	m	3	
13	375mm pipes laid in and including trenches not exceeding 1m and not exceeding 2m deep	m	148	
14	375mm pipes laid in and including trenches exceeding 2m and not exceeding 3m deep	m	62	
15	450mm pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	553	
16	450mm pipes laid in and including trenches exceeding 2m and not exceeding 3m deep	m	163	
<u>Sumps, catchpits, inspection chambers, etc</u>				
17	Excavate for and construct half brick wall rainwater sump 300 x 300mm and not exceeding 750mm deep internally, including 100mm thick concrete base 300 x 300mm and fitted with cast iron dished grating and frame (elsewhere measured)	No	268	
18	Excavate for and construct one brickwall rainwater sump 600 x 600mm and not exceeding 1000mm deep internally, including 150mm thick concrete base, fitted with concrete cover slab and fitted with grate and frame (elsewhere measured)	No	8	
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19	Excavate for and construct one brickwall rainwater sump 800 x 800mm and not exceeding 1000mm deep internally, including 150mm thick concrete base, fitted with concrete cover slab and fitted with grate and frame (elsewhere measured)	No	11		
20	Excavate for and construct one brickwall rainwater sump 800 x 800mm and exceeding 1,0m but not exceeding 2,0m deep internally, including 150mm thick concrete base, fitted with concrete cover slab and fitted with grate and frame (elsewhere measured)	No	18		
21	Excavate for and construct one brickwall rainwater sump 800 x 800mm and exceeding 2,0m but not exceeding 3,0m deep internally, including 150mm thick concrete base, fitted with concrete cover slab and fitted with grate and frame (elsewhere measured)	No	16		
<u>Gratings, covers, etc</u>					
22	300 x 300mm x 71kg Cast iron dished grating and frame	No	32		
23	450 x 450mm x 71kg Cast iron dished grating and frame	No	8		
24	600 x 600mm x 50kg Light duty cast iron dished grating and frame	No	17		
25	520 x 790mm x 127,4kg Heavy duty cast iron dished grating and frame	No	15		
<u>Sundries</u>					
26	Excavate for construct one brickwall headwall 5,10m overall with 2 No. wing walls each not exceeding 1,7m in length and total height of headwall not exceeding 3m	No	8		
27	Provide water break in front of headwall comprising 2 No, 6m x 2m x 230mm high GMS Gabion wire baskets filled with hand selected stone and set on geofabric	No	8		
28	Extra over excavation in earth for pipe trenches, chambers, etc for excavation in soft rock	m3	165		
29	Extra over excavation in earth for pipes trenches, chambers, etc for excavation in hard rock	m3	220		
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30	Extra over excavation for pipe trenches, chambers, etc for carting away surplus material to a dumping site to be located by the Contractor	m3	2,319		
31	Extra over backfilling to pipe trenches, chambers, etc for 100mm thick imported sand bedding material and backfilling same to 300mm above crown of pipe	m3	1,553		
<u>SOIL DRAINAGE</u>					
<u>Class 34 Heavy duty uPVC pipes</u>					
32	110mm Pipes vertically or ramped in ground	m	150		
33	160mm Pipes vertically or ramped in ground	m	94		
34	200mm Pipes vertically or ramped in ground	m	150		
35	110mm Pipes laid in and including trenches not exceeding 1m deep	m	1,232		
36	160mm Pipes laid in and including trenches not exceeding 1m deep	m	583		
37	200mm Pipes laid in and including trenches not exceeding 1m deep	m	196		
38	110mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	138		
39	160mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	1,167		
40	200mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	420		
41	110mm Pipes laid in and including trenches exceeding 2m and not exceeding 3m deep	m	100		
42	160mm Pipes laid in and including trenches exceeding 2m and not exceeding 3m deep	m	43		
43	200mm Pipes laid in and including trenches exceeding 2m and not exceeding 3m deep	m	260		
44	160mm Pipes laid in and including trenches exceeding 3m and not exceeding 4m deep	m	1,000		
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45	200mm Pipes laid in and including trenches exceeding 3m and not exceeding 4m deep	m	800	
<u>Extra over Class 34 uPVC pipes for uPVC fittings</u>				
46	110mm Bend	No	1,544	
47	160mm Bend	No	82	
48	200mm Bend	No	16	
49	110mm Access bend	No	48	
50	110mm Junction	No	176	
51	160mm Junction	No	99	
52	200mm Junction	No	5	
53	110mm Access junction	No	120	
54	160mm Access junction	No	98	
55	200mm Access junction	No	84	
56	160mm Access reducing junction	No	268	
57	200mm Access reducing junction	No	84	
<u>Gulleys</u>				
58	110mm Diameter gulley trap jointed to drain, complete with hopper head and grid and the whole set on and encased in unreinforced Class A (1:4:8) concrete, 600 x 400mm extreme on plan and not exceeding 75mm deep set 50mm high above ground as surround to gulley and fitted with and including a precast gulley surround, including necessary excavation and formwork	No	289	
Carried to Collection				R
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Precast concrete circular inspection chambers

59	Excavate for and construct 1050mm internal diameter circular precast manhole not exceeding 1000mm deep with light duty circular precast concrete rebated cover and frame, 150 mm thick x 1020 mm thick unreinforced concrete grade 25/19mm stone base, benching, channels, fitting precast wall units around drain pipes and making good with cement mortar, including all risk of collapse and backfilling etc on completion	No	24
60	Excavate for and construct 1050mm internal diameter circular precast manhole exceeding 1000mm but not exceeding 2000mm deep with light duty circular precast concrete rebated cover and frame, 150 mm thick x 1020 mm thick unreinforced concrete grade 25/19mm stone base, benching, channels, fitting precast wall units around drain pipes and making good with cement mortar, including all risk of collapse and backfilling etc on completion	No	37
61	Excavate for and construct 1050mm internal diameter circular precast manhole exceeding 2000mm but not exceeding 3000mm deep with light duty circular precast concrete rebated cover and frame, 150 mm thick x 1020 mm thick unreinforced concrete grade 25/19mm stone base, benching, channels, fitting precast wall units around drain pipes and making good with cement mortar, including all risk of collapse and backfilling etc on completion	No	26
62	Excavate for and construct 1050mm internal diameter circular precast manhole exceeding 3000mm but not exceeding 4000mm deep with light duty circular precast concrete rebated cover and frame, 150 mm thick x 1020 mm thick unreinforced concrete grade 25/19mm stone base, benching, channels, fitting precast wall units around drain pipes and making good with cement mortar, including all risk of collapse and backfilling etc on completion	No	55

Covers, etc

63	600 x 450mm x 72kg Type 8a double seal manhole cover and frame	No	34
64	550mm Diameter x 176kg Cast iron cover and frame	No	45

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<u>Septic tanks</u>					
65	Sand oil and grease trap installation including all excavations, backfilling, concrete, brickwork and fittings etc constructed complete as detailed on drawing attached	No	1		
<u>Sundries</u>					
66	Extra over excavation in earth for pipe trenches, chambers, etc for excavation in soft rock	m3	25		
67	Extra over excavation in earth for pipe trenches, chambers, etc for excavation in hard rock	m3	500		
68	Extra over excavation for pipe trenches, chambers, etc for carting away surplus material to a dumping site to be located by the Contractor	m3	1,420		
69	Extra over backfilling to pipe trenches, chambers, etc for 100mm thick imported sand bedding material and backfilling same to 300mm above crown of pipe.	m3	1,380		
70	Unreinforced concrete encasing to 110mm horizontal pipe	m	15		
71	Unreinforced concrete encasing to 160mm horizontal pipe	m	30		
72	110mm Cast iron rodding eye complete with 300 x 300 x 200mm thick concrete surround	No	30		
73	160mm Cast iron rodding eye complete with 300 x 300 x 200mm thick concrete surround	No	30		
74	200mm Cast iron rodding eye complete with 300 x 300 x 200mm thick concrete surround	No	30		
75	Testing soil drainage pipe system	Item	1.00		
<u>DUCTS FOR ELECTRICAL AND TELEPHONE CABLES, ETC</u>					
<u>uPVC pipes</u>					
76	Set of three 160mm pipes laid in and including trenches not exceeding 1m deep	m	25		
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<u>Inspection chambers (covers elsewhere measured)</u>				
77	Inspection chamber 600 x 760mm and not exceeding 750mm deep internally	No	100	
78	Inspection chamber 600 x 760mm and not exceeding 1250mm deep internally	No	120	
<u>WATER SUPPLIES</u>				
<u>(WORK GROUP 148)</u>				
<u>Class 9 uPVC pressure pipes</u>				
79	160mm Pipes laid in and including trenches not exceeding 1m deep	m	800	
<u>Class 10 HDPE pressure pipes</u>				
80	40mm Pipes laid in and including trenches not exceeding 1,0m deep	m	300	
81	63mm Pipes laid in and including trenches not exceeding 1,0m deep	m	350	
82	75mm Pipes laid in and including trenches not exceeding 1,0m deep	m	200	
83	100mm Pipes laid in and including trenches not exceeding 1,0m deep	m	380	
<u>Extra over Class 9 uPVC pipes for cast iron fittings</u>				
84	160mm Flanged adaptor complete with gasket set	No	1	
85	160mm Bend	No	3	
86	160mm Tee	No	20	
87	160 x 110mm Reducer	No	1	
88	160mm Saddle	No	6	
<u>Extra over HDPE pressure pipes for plasson fittings</u>				
89	40mm Elbow	No	30	
90	40mm Plasson to iron elbow	No	45	
Carried to Collection				R
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91	40mm Tee	No	54	
92	63mm Elbow	No	43	
93	63mm Plasson to iron elbow	No	40	
94	63mm Tee	No	15	
95	63mm Reducing tee	No	20	
96	75mm Elbow	No	20	
97	75mm Plasson to iron elbow	No	10	
98	75mm Tee	No	8	
99	75mm Reducing tee	No	6	
100	110mm Elbow	No	36	
101	110mm Plasson to iron elbow	No	2	
102	110mm Tee	No	15	
103	110mm Reducers	No	4	
	<u>Sundries</u>			
104	Extra over excavation in earth for pipe trenches, chambers, etc for excavation in soft rock	m3	500	
105	Extra over excavation in earth for pipes trenches, chambers, etc for excavation in hard rock	m3	650	
106	Extra over excavation for pipe trenches, chambers, etc for carting away surplus material to a dumping site to be located by the Contractor	m3	1,025	
107	Extra over backfilling to pipe trenches, chambers, etc for 100mm thick imported sand bedding material and backfilling same to 300mm above crown of pipe	m3	637	
108	Class B (1:3:5) unreinforced concrete in thrust blocks size 500 x 500 x 200mm high at bends, tees, etc, including all necessary excavation, formwork, etc.	No	39	
	Carried to Collection			R
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WATER SUPPLIES TO FIRE APPLIANCES

(WORK GROUP 148)

HDPE Class 16 Pipes with class 16 plasson fittings including couplings

113	32mm Pipes laid in and including trenches	m	67
114	50mm Pipes laid in and including trenches	m	200
115	110mm Pipes laid in and including trenches	m	768

Extra over high density polyethylene pipes for Plasson compression fittings

116	32mm Elbows	No	11
117	32mm Plasson to iron elbow	No	25
118	32mm Tee	No	55
119	50mm Plasson to iron reducing elbow	No	4
120	50mm Tee	No	7
121	50mm Plasson to iron elbow	No	6
122	100mm Plasson elbow	No	15
123	100 x 32mm plasson saddle	No	12
124	100 x 50mm Plasson saddle	No	13
125	100mm Plasson tee	No	10
126	100mm Plasson to iron reducing elbow	No	3
127	100 x 50mm Plasson reducers	No	6
128	100mm Plasson flanged adaptor complete with gasket and bolt sets	No	7

VALVES, ETC

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<u>Cast Iron</u>					
129	110mm Cast iron flanged gate valve	No	7		
130	110mm Flanged non return valve	No	1		
<u>TESTING</u>					
131	Provide all necessary test equipment as required to test the entire fire installation as required by the engineer	Item	1.00		
<u>Sundries to Fire Water Supplies</u>					
132	600 x 600mm Valve chamber not exceeding 750mm deep internally including 600 x 600mm single seal cast iron manhole cover and frame	No	10		
<u>Fire hydrant pedestals</u>					
133	Unreinforced 25Mpa /19mm stone concrete hydrant pedestal 1200mm high cast around vertical pipe with bottom 300mm below ground, 300 x 300mm square at base and tapering to octagonal shaped top 200 x 200mm overall including necessary excavation, formwork and two coats of approved paint to exposed surfaces	No	10		
134	Unreinforced concrete Class B (1:3:5) in thrust blocks size 500 x 500 x 200mm high at bends, tees, etc including necessary extra excavation, formwork, etc	No	42		
<u>ROADWORKS</u>					
<u>(WORK GROUP 154)</u>					
<u>Earth filling supplied by the Contractor under pavings, etc</u>					
135	Construct 150mm thick sub-base layer of approved G6 natural gravel material from approved commercial source and compacted to a density of at least 95% Mod. AASHTO maximum density all in accordance with SABS 1200 DM	m3	5,000		
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136	Construct 150mm thick base layer of approved G4 natural gravel material from approved commercial source and compacted to a density of at least 98% Mod. AASHTO maximum density in accordance with SABS 1200 DM	m3	6,000		
137	Construct 150mm thick Stabilized base layer of approved C3 material from approved commercial source and compacted to a density of at least 98% Mod. AASHTO maximum density all in accordance with SABS 1200 DM	m3	5,000		
<u>Compaction of surfaces</u>					
138	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 90% Mod ASSHTO density	m2	27,734		
<u>Prescribed density tests on filling</u>					
139	Maximum dry density and optimum moisture content test in accordance with Method A7 of TMH 1	No	321		
140	Atterberg limits test in accordance with methods A2 to A4 of TMH 1	No	400		
<u>Bituminous premix road surfacing</u>					
141	30mm Paving to parking areas, roadways, etc	m2	14,698		
142	Extra over 30mm thick paving to parking areas to form speed bump 400mm thick extreme	m2	350		
<u>PAVING</u>					
<u>Paving of concrete G Block interlocking paving bricks with butt joints on 25mm thick river sand bed with sand swept into joints (preparation of ground or filling elsewhere)</u>					
143	Paving in herringbone pattern	m2	5,794		
<u>25Mpa/19mm unreinforced concrete</u>					
144	Kerb foundations	m3	249		
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<u>Smooth formwork to sides</u>				
145	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	3,255	
146	Edges, risers, ends and reveals not exceeding 300mm high or wide circular exceeding 1m radius	m	4,000	
<u>Precast concrete finishes smooth on exposed surfaces including bedding, jointing and pointing</u>				
147	Kerb (SABS 927 fig 6) 230 x 125mm high with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint including excavation, backfilling, etc	m	2,190	
148	Kerb (SABS 927 fig 6) 230 x 125mm high with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint circular on plan not exceeding 4m radius formed with short lengths of straight kerb including excavation, backfilling, etc	m	123	
149	Kerb (SABS 927 fig 6) 230 x 125mm high with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint circular on plan exceeding 4m radius formed with short lengths of straight kerb including excavation, backfilling, etc	m	2,500	
<u>EXTRAS</u>				
150	110mm pipes laid in and including trenches not exceeding 1m deep	m	286	
151	Excavated and remove 160mm pipes previously laid and relay in new depth as per revised details including connection to existing	m	89	
152	Ditto but exceeding 1m and not exceeding 2m deep	m	146	
153	250mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	221	
154	110mm bend	No	260	
155	110mm Junction	No	28	
156	160mm long radius bend	No	10	
157	160mm Reducer Junction	No	58	
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Mtubatuba CHC - Construction of New CHC

158	200mm Reducer	No	2	
159	Encase 90 Deg Bend in concrete 400 x 400mm	No	8	
160	250mm x 90mm degree FAB bend	No	8	
161	250 x 160mm Reducers	No	6	
162	250mm socket	No	4	
163	250 x 160mm reducer junction	No	19	
164	300mm pipes laid in and including trench exceeding 2m and not exceeding 3m deep	m	102	
165	Backfilling and Re-excavated stormwater manhole/ trenches due to change of invert level including bedding with riversand	m3	60	
166	Break into manhole to received new stormwater pipes and make good	No	11	
167	Excavate for and construct one brick wall rainwater sump 600 x 600mm exceeding 750mm deep internally, including 150mm thick concrete base fitted with concrete cover slab and fitted with grate and frame (elsewhere measured)	No	49	
168	Excavate for and construct one brick wall rainwater sump 920 x 920mm exceeding 1.0m deep but not exceeding 2,0m deep internally ,including 150mm thick concrete base ,fitted with concrete cover slab and fitted with grate and frame (elsewhere measured)	No	19	
169	Excavate for and construct one brick wall rainwater sump 920 x 920mm exceeding 2,0m deep internally ,including 150mm thick concrete base ,fitted with concrete cover slab and fitted with grate and frame (elsewhere measured)	No	16	
170	450 x 450mm Heavy duty cast iron grating and frame	No	41	
171	600 x 600mm Medium duty cast iron grating and frame	No	24	
172	Selected imported G9 backfilling to trenches	m3	1,507	
173	Precast concrete gully tops	No	235	
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174	250mm Pipe laid in and including trenches not exceed 1m at sewer screen	m	72	
175	250mm Pipe laid in and including trenches not exceed 1m frm tank to river	m	20	
176	Install overflow to service Tunnel	m	100	
177	110mm x 45 uPVC Rodding Eye	No	42	
178	160mm x 45 pvc Rodding Eye	No	7	
179	160 x 110mm Taper pipe	No	183	
180	250 x 45 deg Double junction	No	1	
181	250 x 90 deg fabricated bend	No	4	
182	250 x 200mm reducers	No	1	
183	250mm junction	No	2	
184	265 x 265mm x 14a manhole cover and frame	No	54	
185	450 x 450mm medium duty cast iron cover and frame	No	8	
186	French drain 1000 x 800 x 1000mm including 110mm slotted pipe wrapped in bidum	m	42	
187	Extra over all excavation for carting away surplus material	m3	1,890	
188	110mm Pipes laid in and including trenches not exceeding 1m deep	m	896	
189	32mm Pipes laid in and including trenches not exceeding 1,0m deep	m	410	
190	54mm CL 12 Pipes laid in and including trenches not exceeding 1,0m deep	m	285	
191	110mm Tee	No	9	
192	110mm wafer type non return valve	No	2	
193	110mm galvanised tee	No	2	
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Mtubatuba CHC - Construction of New CHC

194	110mm galvanised elbow	No	2		
195	32mm Elbow	No	30		
196	32mm Plasson adaptor	No	28		
197	32mm Plasson female elbow	No	8		
198	110 x 50 mm saddle	No	34		
199	110mm long radius bend	No	12		
200	25mm pressure bends	No	5		
201	25mm pressure tee	No	5		
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External Works

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Item No	Quantity	Rate	Amount R
<p><u>SECTION NO. 6</u></p>			
<p><u>BILL NO. 1</u></p>			
<p><u>PROVISIONAL SUMS</u></p>			
<p><u>PREAMBLES</u></p>			
<p>For preambles see "Model Preambles for Trades 2008" as issued by The Association of South African Quantity Surveyors</p>			
<p><u>SUPPLEMENTARY PREAMBLES</u></p>			
<p><u>Selected Sub-contracts</u></p>			
<p>Sub-contractors will be appointed as Selected Sub-contractors in terms of Clause 21 of the JBCC 2000 Series Principal Building Agreement. Provisional Sums and Prime Cost amounts allowed for Selected Sub-contracts are NET ie exclusive of 5 % Builder's discount but are inclusive of delivery to site of all items concerned</p>			
<p>Carried to Collection</p>			R
<p>Provisional Sums Bill No. 1 Provisional Sums KZN Department of Health</p>			

The following provisional sums are for work to be executed by specialist firms and or direct sub-contractors which will be regarded as sub-contractors to the Contractor. For Selected sub-contracts, the Contractor will call for quotations from specialists selected by the Employer on documents prepared by the Employer or the relevant Consultant, in accordance with the Principal Building Agreement and in conjunction with the Architect. The Architect and the Contractor shall in consultation with the relevant Consultant adjudicate the tenders. The Contractor shall, upon the final decision of the Architect, appoint the successful tenderer who shall become a sub-contractor to the Contractor. Privity of the contract shall not be created between the Employer and the Sub-contractor by the method of selection, tender enquiry, adjudication and appointment. Quotations for direct sub-contracts will be called for by the employer on documents prepared by the employer or the relevant consultants. The employer will appoint the sub-contractor based on recommendations by the relevant consultant. The Principal Agent will thereafter inform the contractor in writing of the appointment of that particular direct sub-contractor and the contractor shall then, be responsible for general attendance on the direct sub-contractor

Profit on Selected Sub-contracts

Selected/Direct Sub-contracts will be submitted directly to the Architect by the Selected Sub-contractors and the Contractor may allow for profit, if required, under the item "Allow for profit" following each provisional sum

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Attendance upon Selected Sub-contractors

The item "Allow for attendance" following each provisional sum is for costs incurred by the Contractor in providing free of charge to the Selected Sub-contractor the following :

1. Services as set out in clause B8.1 of the preliminaries
2. Hoisting of Selected Sub-contractor's material where required
3. Casing and protection of the Selected Sub-contractor's work after completion thereof
4. Making good in all trades and final cleaning down on completion only
5. Every facility to enable the Selected Sub-contractor to carry out his work in a workmanlike manner in proper order and sequence
6. Reasonable site security measures
7. Programming and co-ordination of the works including obtaining all necessary particulars of Selected Sub-contractor's work timeously

Loss of profit

Should any of the specialist items listed in this Bill be substantially reduced or omitted, no claim for "loss of profit" on any of the specialists listed, will be considered

Number of Selected Sub-contracts

The Contractor's attention is drawn to the fact that the indicated individual provisional sums may consist of a number of Selected Sub-contracts, all of which will be executed by separate Selected Sub-contractors. The Contractor must therefore allow in his tender for any cost implication this may bring about, as no claims in this regard will be entertained

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NET PROVISIONAL SUMS FOR WORKS TO BE EXECUTED BY SELECTED SUB-CONTRACTORS

Electrical installation

1	Allow Provisional Amount of R35 000 000.00 (Thirty Five Million Rand Only) to Provide for Electrical installation including generators, etc.	Item	1.00	35,000,000.00	35,000,000.00
2	Profit	Item	1.00		
3	Attendance	Item	1.00		

Mechanical installation

4	Allow Provisional Amount of R45 000 000.00 (Forty Five Million Rand Only) to Provide for Mechanical Installation including medical gas, HVAC system, Fire protection and detection, etc.	Item	1.00	45,000,000.00	45,000,000.00
5	Profit	Item	1.00		
6	Attendance	Item	1.00		

Aluminium Louvres

7	Allow Provisional Amount of R1 000 000.00 (One Million Rand Only) to Provide for Aluminium Sun Louvres.	Item	1.00	1,000,000.00	1,000,000.00
8	Profit	Item	1.00		
9	Attendance	Item	1.00		

Automated Lead Lined Sliding Doors

10	Allow Provisional Amount of R500 000.00 (Five Hundred Thousand Rand Only) to Provide for Automated Lead Lined Sliding Doors.	Item	1.00	500,000.00	500,000.00
11	Profit	Item	1.00		
12	Attendance	Item	1.00		

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Mtubatuba CHC - Construction of New CHC

<u>Boom Gates</u>				
13	Allow Provision Amount of R150 000.00 (One Hundred and Fifty Thousand Rand Only) to Provide for Boom Gates.	Item	1.00	150,000.00
				150,000.00
14	Profit	Item	1.00	
15	Attendance	Item	1.00	
<u>Building Management System</u>				
16	Allow Provisional Amount of R3 000 000.00 (Three Million Rand Only) to Provide for Building Management System	Item	1.00	3,000,000.00
				3,000,000.00
17	Profit	Item	1.00	
18	Attendance	Item	1.00	
<u>Elevated Water Storage Tank Installation</u>				
19	Allow a Provisional Amount of R4 000 000.00 (Four Million RAnd Only) to Provide for Elevated Storage Tank.	Item	1.00	4,000,000.00
				4,000,000.00
20	Profit	Item	1.00	
21	Attendance	Item	1.00	
<u>Entrance Turnstiles</u>				
22	Allow a Provisional Amount of R 200 000.00 (Two Hundred Thousand Only) to Provide for Entrance Turnstiles	Item	1.00	200,000.00
				200,000.00
23	Profit	Item	1.00	
24	Attendance	Item	1.00	
<u>Fencing and Gates</u>				
25	Allow a Provisional Amount of R 10 000 000.00 (Ten Million Rand Only) to Provide for Fencing and Gates	Item	1.00	10,000,000.00
				10,000,000.00
26	Profit	Item	1.00	
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Mtubatuba CHC - Construction of New CHC

27	Attendance	Item	1.00		
	<u>Heat Pump Installation</u>				
28	Allow Provisional Amount of R4 000 000.00 (Four Million Rand Only) to Provide for Heat Pump Installation.	Item	1.00	4,000,000.00	4,000,000.00
29	Profit	Item	1.00		
30	Attendance	Item	1.00		
	<u>Hospital and Medical Equipment</u>				
31	Allow Provisional Amount of R5 000 000.00 (Five Million Rand Only) to Provide for Hospital and Medical Equipment	Item	1.00	5,000,000.00	5,000,000.00
32	Profit	Item	1.00		
33	Attendance	Item	1.00		
	<u>Ironmongery</u>				
34	Allow a Provisional Amount of R5 000 000.00 (Five Million Rand) to Provide for Ironmongery.	Item	1.00	5,000,000.00	5,000,000.00
35	Profit	Item	1.00		
36	Attendance	Item	1.00		
	<u>Joinery Fittings</u>				
37	Allow Provisional Amount of R10 000 000.00 (Ten Million Rand Only) to Provide for Joinery Fittings.	Item	1.00	10,000,000.00	10,000,000.00
38	Profit	Item	1.00		
39	Attendance	Item	1.00		
	<u>Landscaping</u>				
40	Allow Provisional Amount of R3 000 000.00 (Three Million Rand Only) to Provide for Landscaping.	Item	1.00	3,000,000.00	3,000,000.00
41	Profit on above item	Item	1.00		
42	Attendance on ditto	Item	1.00		
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<u>Louvre Blinds and Curtain Tracks</u>					
43	Allow Provisional Amount of R2 000 000.00 (Two Million Rand Only) to Provide for Louvre Blinds and Curtain Tracks.	Item	1.00	2,000,000.00	2,000,000.00
44	Profit	Item	1.00		
45	Attendance	Item	1.00		
<u>Sewer Packaging Plant</u>					
46	Allow an Amount of R3 000 000.00 (Five Million Rand Only) Provide for Sewer Package Plant.	Item	1.00	3,000,000.00	3,000,000.00
47	Profit on above item	Item	1.00		
48	Attendance on ditto	Item	1.00		
<u>Shaded Carports</u>					
49	Allow Provisional Amount of R1 500 000.00 (One Million and Five Hundred Rands Only) to Provide for Shaded Carports.	Item	1.00	1,500,000.00	1,500,000.00
50	Profit	Item	1.00		
51	Attendance	Item	1.00		
<u>Signage</u>					
52	Allow Provisional Amount of R2 000 000.00 (Two Million Rand Only) to Provide for Signage.	Item	1.00	2,000,000.00	2,000,000.00
53	Profit on above item	Item	1.00		
54	Attendance on ditto	Item	1.00		
<u>Structural Steel Work and Sundry Metal Work</u>					
55	Allow Provisional Amount of R5 000 000.00 (Five Million Rand Only) to Provide for Structural Steel Work and Sundry Metal Work.	Item	1.00	5,000,000.00	5,000,000.00
56	Profit	Item	1.00		
57	Attendance	Item	1.00		
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<u>Eskom Power Supply</u>				
58	Allow Provisional Amount of R2 500 000.00 (Two Million and Five Hundred Thousand Rand Only) to Provide for Eskom Power Supply.	Item	1.00	2,500,000.00
				2,500,000.00
59	Profit	Item	1.00	
60	Attendance	Item	1.00	
<u>IT Installation</u>				
61	Allow Provisional Amount of R5 000 000.00 (Five Million Rand Only) to Provide for IT Installation.	Item	1.00	5,000,000.00
				5,000,000.00
62	Profit	Item	1.00	
63	Attendance	Item	1.00	
<u>X-Ray Installation</u>				
64	Allow Provisional Amount of R4 000 000.00 (Four Million Rand Only) to Provide for X-Ray Installation.	Item	1.00	4,000,000.00
				4,000,000.00
65	Profit	Item	1.00	
66	Attendance	Item	1.00	
<u>Dental Chair Installation</u>				
67	Allow Provisional Amount of R2 000 000.00 (Two Million Rand Only) to Provide for Dental Chair.	Item	1.00	2,000,000.00
				2,000,000.00
68	Profit	Item	1.00	
69	Attendance	Item	1.00	
<u>Septic Tank</u>				
70	Allow Provisional Amount of R1,000,000.00 (One Million Rand Only) to Provide for a Septic Tank	Item	1.00	1,000,000.00
				1,000,000.00
71	Profit	Item	1.00	
72	Attendance	Item	1.00	
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NET PROVISIONAL ALLOWANCE FOR WORK TO BE EXECUTED BY THE CONTRACTOR AND MEASURED AND PRICED AT SCHEDULE AND OR NEGOTIATED RATES ON COMPLETION

73	Allow the net sum of R 150,000.00 (One Hundred and Fifty Thousand Rand) for builder's work in connection with electrical and mechanical installation.	Item	1.00	150,000.00	150,000.00
74	Allow an amount of R500,000 (Five Hundred Thousand Rand) for Municipal Connection Fees	Item	1.00	500,000.00	500,000.00
<u>DETAILED DESIGN ALLOWANCE</u>					
75	Allow the net sum of R 6,000,000 (Six Million Rand) for detailed design allowance	Item	1.00	6,000,000.00	6,000,000.00

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1	Preliminaries	49	
2	Builders Work	140	
3	External Works	161	
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5	Professional Fees	172	
	Sub Total		R
	<u>ESCALATION PROVISIONS</u>		
	<i>Estimated JBCC Contract Price Adjustment Provisions of R14,552,799.68 to be calculated by the Quantity Surveyor according to actual JBCC CPAP Indices</i>	Item	
		1.00	14,552,799.68
	NET TOTAL: EXCLUDING VALUE-ADDED TAX		R
	ADD: 15% (FOURTEEN PERCENT) on the above total for VALUE ADDED TAX		R
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KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH
CENTRE**

PART C3. WORKS INFORMATION

C3.1a WORKS INFORMATION

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender no:	ZNB 5641/2023-H	Project Code:	N/A

1. Description of works

1.1. Employer's Objective

To provide a Community Health Centre that will provide much needed health services in the uMkhanyakude Health District.

1.2. Works Information

The contract comprises of the development and construction of the a new Community Health Centre which shall comply with the National Health Act (Act No. 61 of 2003) and IUSS standards.

1.3. Employer's Design

Conceptual Design and Provisional Bill of Quantities

1.4. Location of the Works

Co-ordinates 28°24'13.12"S; 32°11'11.11"E, Mtubatuba

1.5. Resources

1.4.1 The project would require the following disbursement resources:

Submission of CV's on the provided "CV template" for the following mandatory Professional team

- Professional Architect = 7 years post SACAP registration
- Professional Civil & Structural Engineer = 7 years post ECSA registration
- Professional Mechanical Engineer/Technologist = 7 years post ECSA registration
- Professional Electrical Engineer/Technologist = 7 years post ECSA registration
- Professional Fire Engineer = 7 years post ECSA registration
- Professional Quantity Surveyor = 7 years post SACQSP registration
- Environment, Health & safety: = 4 years post SACPCMP Professional registration

1.4.2 Applicable Professional Indemnity (PI) Insurance is as follows:

- Professional Architect = R 25 million
- Professional Civil & Structural Engineer = R 25 million
- Professional Mechanical Engineer/Technologist = R 25 million
- Professional Electrical Engineer/Technologist = R 25 million
- Professional Engineer (fire specialist) = R 25 million
- Professional Quantity Surveyor = R 25 million
- Environment, Health & safety = R 10 million

or

- Combined/consolidated PI insurance = R 160 million (listing all the above-mentioned resources)

1.5. Parts of the Work which the Contractor is to design

- 1.5.1 The Contractor is to design the whole of the works as **Section 1.2 Scope of Works**
- 1.5.2 The Contractor shall work under the strict supervision and control of a NEC 3 Project Manager, Supervisor and other agents appointed by the Department of Health KZN Province.
- 1.5.3 The Contractor is responsible for the overall design of the works, any amendments that needs to be made to his design and to prepare as-built drawings and reports for the completed works.
- 1.5.4 The Contractor shall appoint suitably qualified and experienced professionals to carry out both the design portion and the construction portion of the works.
- 1.5.4.1 Professional Architect - As per SACAP registration requirements and FIDPM
- 1.5.4.2 Professional Civil & Structural Engineer - As per ECSA registration requirements and FIDPM
- 1.5.4.3 Professional Mechanical Engineer/Technologist - As per ECSA registration requirements and FIDPM
- 1.5.4.4 Professional Electrical Engineer/Technologist - As per ECSA registration requirements and FIDPM
- 1.5.4.5 Professional Fire Engineer - As per ECSA registration requirements and FIDPM
- 1.5.4.6 Professional Quantity Surveyor - As per SACQSP registration requirements and FIDPM
- 1.5.4.7 Environment, Health & safety - As per SACPCMP registration requirements and FIDPM
- 1.5.5 The Contractor shall submit to the NEC3 Project Manager and DoH Project Leader all applicable design calculations and drawings for both temporal and permanent works.
- 1.5.6 The Contractor's works (both temporal and permanent) shall comply with minimum standards/requirements to both the National Building Regulations and with all Local Authority.

1.6. Procedure for submission and acceptance of Contractor's design

- 1.6.1 The Contractor's documentation shall be issued to the NEC3 Project Manager under cover of the Contractor's transmittal note indicating all Contract references (i.e. Project No, Contract No. etc.) as well as the Contractor's Project Document Number, Revision number, Title and chronological listing of transmitted documentation. Formats of Contractor's data submitted is dependent on the project procedure and shall be specified by the NEC3 Project Manager, upon the notified request of the Contractor.
- 1.6.2 Acceptance of documentation by the NEC3 Project Manager will in no way relieve the contractor of his responsibility for the correctness of information, or conformity with his obligation to provide the works. This obligation rests solely with the Contractor.
- 1.6.3 After review, a copy of the original review/marked-up drawing/document, with the NEC3 Project Manager's consolidated comments and document status marked on the Contractor Review Label, is scanned and the original document with comments shall be returned to the contractor under cover of the project's Transmittal Note for revision or re-submittal as instructed and to be included in the master copy data file where applicable.
- 1.6.4 The Contractor shall allow the NEC3 Project Manager 2 weeks unless otherwise stated and agreed, to review and respond to the Contractor's submission of their documentation, i.e. from time of receipt of the hardcopy to the document control office to the time of dispatch. The Contractor does not proceed with the relevant work until the NEC3 Project Manager has accepted his design.

- 1.6.5 On receipt of the reviewed documentation the contractor shall make any modifications requested/marked-up and resubmit the revised documentation to the NEC3 Project Manager within 2 working days. Queries regarding comments/changes should be addressed with the NEC3 Project Manager prior to re-submittal. Any re-submittals, which have not included the changes/comments identified, will be returned to the Contractor to be corrected. The Contractor shall re-issue the revised documentation incorporating all comments and other specified details not included in the previous issue within 2 working days of receipt of the marked-up document.

1.7. Procedure for acquiring approval for all FIPDM stages

- 1.7.1 The Contractor is responsible to deliver this Develop & Build project in strict accordance to the FIPDM stages, as prescribed by National Treasury.
- 1.7.2 The Department of KZN Health has a Health Infrastructure Approval Committee (HIAC) that grants approval to mark the end of a particular FIPDM stage.
- 1.7.3 The Contractor is responsible to compile all reports, sketches, diagrams, drawings, reports, BOQ, specifications, HIAC checklist and other required documents that must be presented at HIAC for approval.
- 1.7.4 The Contractor is responsible to make oral presentations of the finished activities for any specific FIPDM stage to HIAC in order to achieve approval to proceed to the next FIPDM stage. The HIAC may require these oral presentations to be done either in person or virtual.

1.7.5 The FIPDM stages can be summarised as follows:

FIPDM			
STAGE	DESCRIPTION	SUMMARY OF PROJECT STAGE DELIVERABLES	CURRENT STATUS
1A	Project Initiation	Identification of project	100% Completed
1B	Pre-Feasibility	Compilation of Project Brief	100% Completed
2	Feasibility/Concept	Compillation of Concept Design	100% Completed
3	Design Development	Develop in detail the approved concept to finalise the design and design concept	To be done by Contractor
4	Design Documentation	Producing information that details, performance definition, specification, sizing and positioning of all systems and components that would enable construction. These include but not limited to: Detailed design, BOQ, Specifications, HIAC checklist & other relevant technical information/documents	To be done by Contractor
5	Tender	Consolidate all required technical and administrative documents to go out on an open tender	100% Completed
6	Works	Conduct works according to HIAC approval until all works and ancillaries are completed and are capable of being used or occupied	To be done by Contractor
7	Retention	Observe the defects and liability period	To be done by Contractor
8	Project Complete	Defects Certificate or Certificate of Final Completion; Final Account; Close-Out Report	To be done by Contractor

NOTE: For a more comprehensive picture of what FIPDM general guidelines are, please visit the national treasury website and download the document that explains in detail the FIPDM guidelines.

1.8. Envisaged Programme

1.8.1 The envisaged works programme can be summarised as follows:

PROJECT STAGE	DURATION	COMMENCEMENT
Design stage	6 months	From date of appointment
Construction stage	36 months	From acquiring HIAC Stage 4 approval
Close-out	3 months	From acquiring HIAC Stage 7 approval

NOTE: the contractor shall still be required to produce a more detailed works programme, which must conform to the general time-frames as provided above.

1.9. Review and Acceptance of Contractor Documentation

The contractor submits documentation as the 'works Information' requires to the NEC3 Project Manager for review and acceptance.

1.10. Other requirements of the Contractor's design

1.10.1. The Contractor's design complies with the following:

- Legislation: Minimum applicable legislation (latest version) include:
 - i. Public Finance Management Act
 - ii. Occupational Health & Safety Act 85 of 1994
- Policies:
 - KZN applicable Health Policies (structural Installations 2013)
- Norms and Standards: Minimum applicable Norms and Standards
 - i. SANS 10400, 10120, 10252/3
 - ii. DPW Civil Engineering Specifications
 - iii. Red book
 - iv. IUSS – Environment and Sustainability
 - v. Other applicable IUSS Health Facility Guides
- Other requirements:
 - Municipal by-laws

1.11. Use of Contractor's design

1.11.1 The Contractor grants the Employer a license to use the copyright in all design data presented to the Employer in relation to the works for any purpose in connection with the contraction, re-construction, refurbishment, repair, maintenance and extension of the works with such licence being capable of transfer to any third party without the consent of the contractor.

1.11.2 The Contractor vests in the Employer full title guarantee in the intellectual property and copyright in the design created in relation to the works.

1.12. As-built drawings, operating and maintenance schedules

1.12.1 The Contractor provides the following:

- As Built Drawings

All as-built red line drawings must be signed-off by the Contractor's responsible person before issue to NEC3 Project Manager for acceptance.

- Installation, Maintenance and Operating Manuals and data Books

The Contractor provides manuals in an A4 hard cover, grease and waterproof binder, using 2 ring type binders

Drawings and charts larger than A4 are properly folded and those greater than A3 are enclosed in an A4 plastic pocket of adequate strength.

The manuals are well indexed and user friendly and must include a summarized Table of Contents. The index for data packs must be submitted to the NEC3 Project Manager for acceptance at the beginning of the project to enable the Contractor to maintain and update the on a continuous basis throughout the project lifecycle. The Contractor submits the draft Table of Contents to the NEC3 Project Manager for acceptance prior to the compilation and official submittal of the manuals and data books.

The originals of all brochures shall be issued to the NEC3 Project Manager. When a general brochure is applicable to a range of equipment, then the specific item, catalogue number or model number shall be stated, which is best achieved by introducing a separate index page, which cross references the specific item to a tag number. The address, phone numbers, fax numbers, email addresses, and reference numbers of all Sub-Contractors is provided.

Where manuals include drawings that still need to be revised to "As-Built" status, and such manuals are required prior to "As-Built" status, the manual will not be considered to be in its final form until the "As-Built" version of each such drawing has been incorporated.

The required number of copies of the manual (s) shall be as specified by the NEC3 Project Manager and submitted per type or model number of equipment included in the contract, or as specified by the NEC3 Project Manager.

All electronic copies (.pdf) of Data Packs to be properly indexed and bookmarked. All pages that make-up the data book or manual must be sequentially numbered.

2. Construction

2.1. Temporal works, Site services and Construction constraints

The site establishment area shall have a clearly visible sign posted and be compliant with the relevant safety regulation and restrictions that might be in place until the Contractor has de-established from site and comply with OHS Act 85 of 1993.

The Contractor is responsible for the security of the Works until completion and hand-over and must make his own arrangement for security and the safekeeping of his property.

Housing of the Contractor's people on site is not permitted.

Since the site shall remain live during the construction stage. It is the responsibility of the Contractor to ensure the Works are properly guarded and protected at all times and pose no safety risks to the both the property and lives of our staff, visitors and patients.

The Contractor must ensure that the working area is well lit at night and that all fences, obstacles and hazards are clearly marked.

The Contractor must make his own arrangement for telecommunication facilities, if required, for his use during the execution of the Works.

The Contractor, within fourteen days after completion, must completely remove from site all his plant, materials equipment, stores and temporary office accommodation or any other asset belonging to him and leave the site in a tidy condition to the satisfaction of the NEC3 Project Manager. No excess or discarded materials, redundant plant shall be allowed on site.

Unless expressly stated as a responsibility of the Employer, Site services and facilities, all residual requirements for the provision of facilities and all items of Equipment necessary for the Contractor to Provide the Works remains the responsibility of the Contractor.

Wherever the Contractor provides facilities (either his own or for the NEC3 Project Manager and DoH Project Coordinator/Leader) and all items of Equipment, involving, inter alia, offices, accommodation, laboratories, Materials storage, compound areas etc., within the existing premises.

Working Areas, then the Contractor makes good and provides full reinstatement to the land (including all apparatus of the Employer and Others in, on or under the land) and surrounding areas to its original standards, upon dismantling of such facilities and items of Equipment.

Unless expressly stated as a responsibility of the Employer, Site services and facilities all residual requirements for the provision of facilities and all items of Equipment necessary for the Contractor to Provide the Works remains the responsibility of the Contractor.

The Contractor will be held responsible for any damages to existing structures and services caused by him during the provision and the execution of this Contract, fair wear and tear is excluded, and shall repair damage(s) to the satisfaction of the NEC3 Project Manager and/or DoH Project Coordinator/Leader before completion of the Works.

For this purpose, a joint inspection with the NEC3 Project Manager and/or DoH Project Coordinator/Leader and the Contractor shall be carried out prior to occupation of the Works and any existing damages noted. Repair work to damaged existing structures and services may be carried out during the contract period or during the defects correction period if so authorised. The Contractor will be required to conduct a photographic site survey of the occupied area showing existing structures and services. This report must be submitted to the NEC3 Project Manager for approval and will be used in assessing the damages to structures and services if applicable.

2.2. People Restrictions on Site, Hours of Work, Conduct and Records

The working hours shall be in accordance with the requirements of the Department of Labour and as agreed with the relevant trade unions. Relevant documentation and information shall be provided to the NEC3 Project Manager and Supervisor on a regular basis, and prior to commencement of the Works.

The Constructor shall keep daily records of his people engaged on site and working areas, including all EPWP, Sub-Contracting, and Suppliers. The Employer and the NEC3 Project Manager shall be given unencumbered access to such daily records at all reasonable times.

2.3. Control of Noise, Dust and Waste

The Contractor shall take all reasonable steps to contain unacceptable levels of noise and dust, in accordance with the specified and referenced environmental, health and safety requirements.

The Contractor shall dispose of all waste products at a registered waste disposal site, to be approved by the NEC3 Project Manager. The Contractor shall provide written proof that all permits for the waste disposal site are in place.

2.4. Health and Safety Requirements

At all times during construction, the Contractor is responsible for the safety of all persons on the Site and on the equipment and shall have the necessary systems and procedures in place to effectively manage this in relation to H&S requirements in addition to those of the OHS Act and Regulation (85 of 1993, CR 2014).

The Contractor shall comply with all applicable legislation and regulations.

The Contractor shall comply with but not be limited to the following Acts:

- The Compensation for Occupational Injuries and Diseases Act no. 130 of 1993.
- The Contractor shall produce proof of his registration and good standing with the Compensation Commissioner in terms of the Act and submit with his offer.
- Occupational Health and Safety Act 85 of 1993.
- National Water Act 36 of 1998
- Environmental Management Act 107 of 1998
- The Provisional Ordinances and Local Authority, by-laws and all relevant regulations framed there under

2.5. Samples

The Contractor shall furnish samples and/or certificate as called for or may be called for by the NEC3 Project Manager / DoH Project Coordinator/Leader. Materials and/or workmanship not corresponding with approved samples may be rejected.

Samples for approval shall be required for paint colours, partitions, joinery with associated finishes, wall finishes, ceiling finishes, floor finishes, windows, louvres, shopfronts, all sanitary fittings and face brick sample wall (2m²). These approved samples shall remain on site for the duration of the Works.

2.6. Completion, Testing, Commissioning and Construction of Defects

2.6.1. Works to be done by the Completion Date

The Contractor shall have done everything required to provide the Works on or before the Completion Date

2.6.2. Hand-over Procedures

Handover procedures shall be agreed with the Employer prior to the completion of the Works.

2.7. Local labour and businesses

A 30% of the contract value shall be utilised towards the empowerment and promotion of local contractors and/or businesses.

C3.1b SCOPE OF WORKS

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

Project title:

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE

Tender no:

ZNB 5641/2023-H

Project Code:

N/A

SECTION 1

1

EXTENT OF THE WORKS

1.1 EMPLOYERS OBJECTIVES

As stated in the Works Information

1.2 OVERVIEW OF THE WORKS

Construct a new Community Health Centre in the Mtubatuba area which shall comply with the National Health Act (Act No. 61 of 2003) and IUSS standards.

1.3 EXTENT OF THE WORKS

The contract comprises of the development and construction of the a new Community Health Centre which shall comply with the National Health Act (Act No. 61 of 2003) and IUSS standards.

1.4 LOCATION OF THE WORKS

Co-ordinates 28°24'13.12"S; 32°11'11.11"E, Mtubatuba

1.5 TEMPORARY WORKS

All temporary work to comply with the Occupational Health and safety Act (Act 85 of 1993)

2

PROCUREMENT

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

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

2.2 RESOURCE STANDARD PERTAINING TO TARGETED PROCUREMENT

NOTE : This project will be adjudicated as exceeding R 50,000 000,00

2.3 SCOPE OF MANDATORY SUBCONTRACT WORK

Not applicable

2.4 PREFERRED SUBCONTRACTORS/SUPPLIERS

Not applicable

2.5 SUBCONTRACTING PROCEDURES

Not applicable

3 CONSTRUCTION

3.1 APPLICABLE SANS 2001 STANDARDS FOR CONSTRUCTION WORKS

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

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

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

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

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

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

3.2 APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS

See above 3.1

3.3 PARTICULAR / GENERIC SPECIFICATIONS

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

<u>SPECIFICATION</u>	<u>PAGES</u>
Specification for HIV/AIDS Awareness (CIDB)	HIV1 TO HIV3
Specific Construction, Safety, Health and Environmental Plan	
Standard Preambles for all Trades (Rev 3) - DOH 2009	1 to 95
EPWP Requirements	0

3.4 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.

3.5 AGRÉMENT CERTIFICATES

Not applicable

3.6 PLANT AND MATERIAL PROVIDED BY THE EMPLOYER

Not applicable

3.7 SERVICES AND FACILITIES PROVIDED BY THE EMPLOYER

Not applicable

3.8 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.

4 MANAGEMENT

4.1 APPLICABLE SANS 1921 STANDARDS

Tenderders are referred to
SECTION 2 : SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 IN THIS DOCUMENT

4.2 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:

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

4.3 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.

4.4 FORMS FOR CONTRACT ADMINISTRATION

The Employer shall provide all necessary forms.

4.5 ELECTRONIC PAYMENTS

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

4.6 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.

4.7 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.

4.8	<p>PAYMENT CERTIFICATES</p> <p>Requirements will be in accordance with the Employers prescriptions.</p>
4.9	<p>PERMITS</p> <p>The Contractor is advised that, in the case of an existing building or institution, all security measures in force will remain in operation and he must acquaint himself and his Employees with them as he and his Employees will at all times be subject to these measures.</p> <p>The Contractor will on no account extend his operations beyond the confines of the building site as indicated by the Employer and must ensure that all his Employees are made aware of these limits. Any Employee disregarding this instruction and found outside the limit of the building site without authority, shall be redeployed immediately and shall not again be employed on this Contract.</p> <p>The Contractor will be responsible for ensuring that this instruction is strictly enforced and must provide and remove upon completion or when directed, such other necessary temporary barriers, fences, etc., as may be required and is to allow opposite this item for any charges he may wish to make in this connection.</p> <p>The Employer will accept no responsibility whatsoever for damage to or the loss of plant, materials, etc., from the site.</p>
4.10	<p>PROOF OF COMPLIANCE WITH THE LAW</p> <p>The following certificates must be provided before first delivery is taken:</p> <ul style="list-style-type: none"> - HIV/STI Report (Bound into this document) - Electrical Compliance Certificate - Plumbing Compliance Certificate - Lightning Certificate - Waterproofing Guarantee certificates - Electrical and Mechanical test certificates - Plumbing and drainage pressure test certificates - Fire Compliance Certificate - SANS 10400-A:2010 compliance certificates - Latest National Building Regulation
4.11	<p>INSURANCE PROVIDED BY THE EMPLOYER</p> <p>None</p> <p><u>SECTION 2</u></p> <p><u>SPECIFICATION DATA ASSOCIATED WITH SANS 1921-2004</u></p> <p>Clause Numbers</p> <p>4.1.7 The requirements for drawings, information and calculations for which the Contractor is responsible are:</p> <p>All related to the Scope of Works and or as required by the Project Manager</p> <p>4.2.1 The responsibility strategy assigned to the Contractor for the works is:</p> <p>Strategy C</p> <p>4.2.2 The structural engineer is:</p> <p>As appointed by the Contractor</p> <p>4.2.3 Drawings & other info are to be submitted in accordance with the contractors programme</p> <p>Drawings attached in tender to be developed by the Contractor</p> <p>4.3 The planning, programme and method statement are to comply with the following:</p> <p>As required by the Project Manager</p>

4.12.2	<p>Fabrication drawings that the contractor is to provide to the employer are:</p> <p>All related to the Scope of Works and or as required by the Project Manager</p>
4.12.3	<p>Office accommodation, equipment, accommodation for site meetings and other facilities for use by the employer and his agents are:</p> <p>OFFICE FOR FOREMAN</p> <p>Provide, erect, maintain and remove at completion a suitable temporary office for the Contractor or his Foreman, perfectly secured, lighted and ventilated and having a desk with drawers.</p> <p>TELEPHONE</p> <p>The Contractor shall provide a telephone on the site for the use of the Contractor and all Sub-Contractors for the duration of the Contract, and must make the necessary application for connection, give all notices and pay all fees, rentals and charges for the service and also for all calls.</p> <p>OFFICE FOR INSPECTOR OF WORKS</p> <p>Provide, erect, maintain and remove at completion a well constructed temporary office for the Inspector of Works not less than 4 x 3 m on plan and 3 m high to eaves to the approval of the Employer. The office shall be constructed of wood framing covered externally with corrugated iron or corrugated asbestos and with a lean-to roof covered with the same material as the external wall covering. The office shall be lined internally with soft board or other approved material and a ceiling shall be provided of the same material as the internal lining. A suspended wood floor shall be provided and is to finish not less than 300 mm above the ground level. A lockable door and a window, which provides adequate light and ventilation, shall be fitted.</p> <p>An office constructed of 115 mm thick brick-work and provided with a screeded concrete floor and roofed and ceiled as above described may be accepted as an alternative but prior permission of the Employer will be necessary before construction of such an office is commenced and his requirements shall be stated and fulfilled by the Contractor.</p> <p>The office shall be fitted in an approved manner with a sloping topped desk of height and length suitable for the laying out and studying of drawings, a desk or table with not less than two lock-up drawers, shelves, seating and wash-stand, and the Contractor shall provide all necessary attendance.</p> <p>TELEPHONE IN OFFICE FOR INSPECTOR OF WORKS</p> <p>The Contractor shall arrange for the installation of a lockable telephone in the Office for the Inspector of Works for the duration of the Contract. The Contractor will be required to make the necessary application for connection and give all notices on behalf of the Employer. The Employer will, however, be responsible for the direct payment of all fees, rentals and other charges by Telkom for the service for the Inspector of Works and for all calls made from this telephone.</p>
	<p>SHED</p> <p>Provide, erect, maintain and remove at completion, ample temporary sheds for the proper storage of materials and for the use of the workmen, and remove when no longer required.</p>

<p>4.14.6</p>	<p>The requirement for provision and erection of signboards are:</p> <p>Supply, erect, maintain and remove at completion a painted notice board, size overall 2800 x 2345 mm high sign written to detail as Drawing No. T9506 which drawing is available from offices of the Department of Public Works. Only the official notice board is to be displayed on the site and no Sub-Contractor's boards will be permitted. The Contractor, at his own cost, may provide a board on which all sub-contract firms' names may be sign written. The notice board is to be to the approval of the Employer and is to be maintained in first class condition and placed where directed at the entrance to the site and remain there for the duration of the Contract.</p>
<p>4.17.1</p>	<p>Requirement for the termination, diversion or maintenance of existing services:</p> <p>Should the Contractor come in contact with any underground cables or pipes during excavations, immediate notification must be made to the Employer and all work in the vicinity of such cables, pipes, etc., shall cease until authority to proceed has been obtained from the Employer. Should the Contractor damage underground cables or pipes resulting in a disruption of services to an existing institution such damage shall be repaired immediately.</p>
<p>4.17.3</p>	<p>Services which are known to exist on the site:</p>
	<p>Investigate and provide detail drawings.</p>
<p>4.17.4</p>	<p>Requirement for detection apparatus</p>
	<p>None</p>
<p>4.18</p>	<p>ADDITIONAL HEALTH AND SAFETY REQUIREMENTS ARE:</p> <p>By the submission of a tender, any 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.</p> <p>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.</p> <p>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.</p> <p>The Contractor will be deemed to have satisfied himself with his obligations in terms of the Act and to have allowed for all costs arising from compliance with the Act as no claim for extra costs arising from compliance with, and obligations in terms of the Act will be entertained.</p>
<p>4.22</p>	<p>WORK BY NOMINATED AND SELECTED SUBCONTRACTORS COMPRISE:</p> <p>N/A</p>

C3.2 - SPECIFICATION FOR HIV/AIDS AWARENESS

1 Scope

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

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

2 Normative references:

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

SANS 4074 ISO 4074, *Condom Rubbers*

3 Definitions and Abbreviations

3.1 Definitions

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

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

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

3.2 Abbreviations

STI: Sexually transmitted infection

HIV: Human Immunodeficiency Virus

AIDS: Acquired Immune Deficiency Syndrome

4 Objectives

The objectives are to:

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

5 Requirements

5.1 General requirement

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

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

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

5.2 HIV awareness programme

5.2.1 The contractor shall:

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

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

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

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

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

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

5.3 Reporting

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

5.3.2 The employer's representative shall certify the report and schedule described in 5.3.1 whenever a claim for payment is issued to the employer.

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

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

C3.3 - HIV/STI COMPLIANCE REPORT

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

Project Code:

N/A

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).



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE

PART C4. SITE INFORMATION

C4.1 SITE INFORMATION

Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Tender No.	ZNB 5641/2023-H	Project Code:	N/A

C4.1 Site Information

C4.1 GENERAL

- (a) 1. Co-ordinates 28°24'13.12"S; 32°11'11.11"E, Mtubatuba
2. Nature of grounds where works will be performed is to be confirmed by geotechnical reports
- (b) Specific requirements are as follows: 1) The NEC 3 Project Manager shall be appointed where he/she will conduct all the required project supervision, evaluation and monitoring of the project throughout its life cycle. 2) The design stage must take no more than 6 months from starting date and at least 3 concept designs for each service to be refurbished/ upgraded is required. 3) The Contractor shall be responsible to conduct all required presentations to HIAC to seek approval to proceed to the next stage. 4) All works must be conducted in strict adherence to the OHS Act as amended. 5) The Contractor is reminded of strict infection control procedures as prescribed by the institution. 6) The Contractor shall not be allowed to proceed to the next stage without HIAC approval. 7) The Construction period should not exceed 30 months from successful completion of the Design stage. 8) Close-out report, O&M manuals, Training, As-built drawings and other related activities must be completed 3 months after the successful completion of the Construction stage. 9) A 10% retention is applicable
- (c)
 - Design stage: 6 months from the starting date
 - Construction stage: 30 months from site access date
 - Close-out: 3 months from successful completion of the construction stage

C4.2 GEOTECHNICAL INVESTIGATION REPORT

- (a) To be determined during the course of the contract



KWAZULU-NATAL PROVINCE
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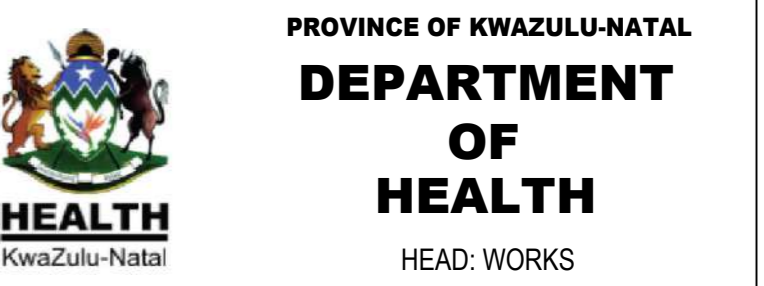
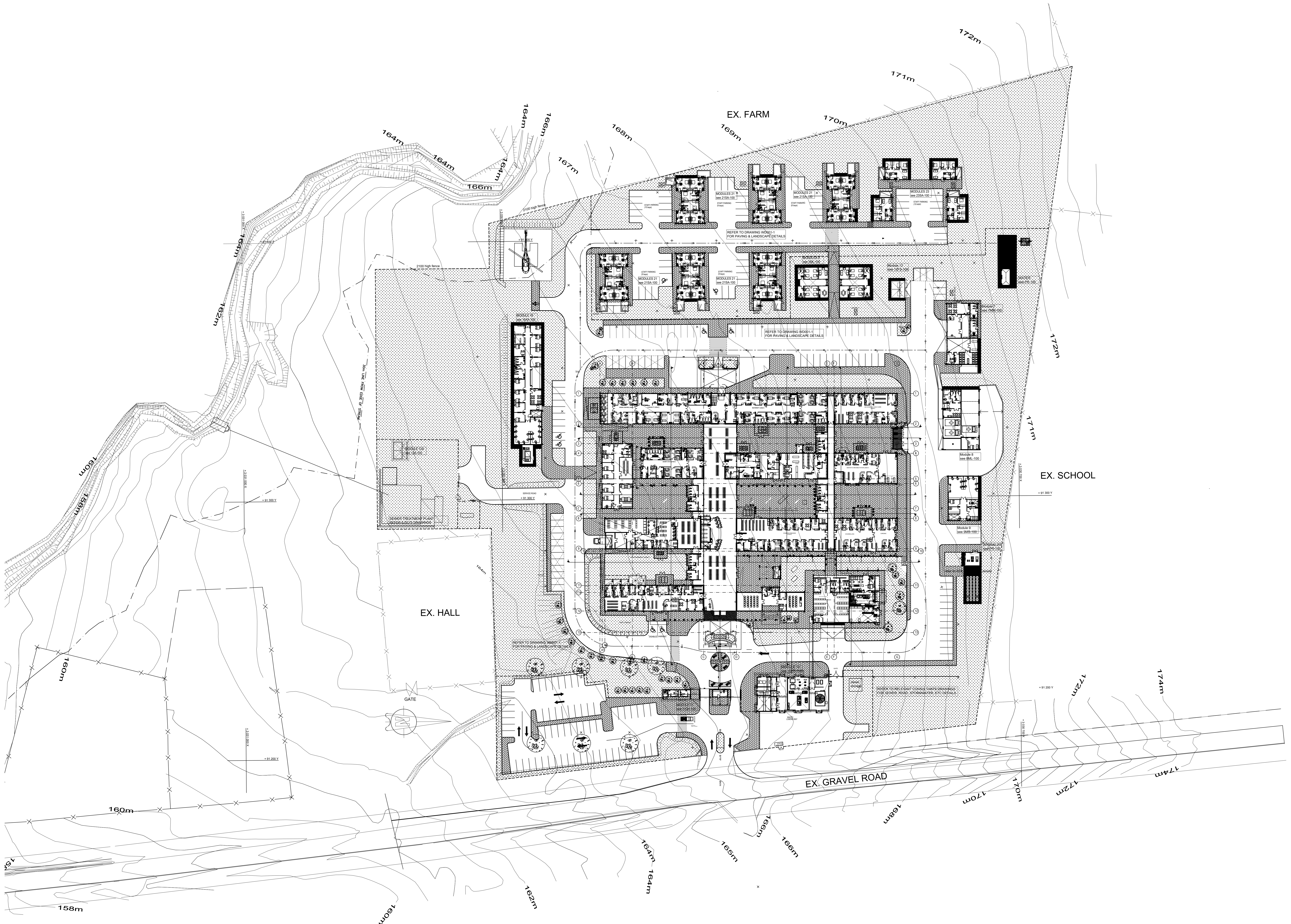
PART C5 - DRAWINGS / ANNEXURES

ANNEXURES

Annexure 1	Standard Preambles for all Trades (Rev 3) - DOH 2009
Annexure 2	General Electrical Specifications
Annexure 3	Lightning Protection Specifications
Annexure 4	Map of Tender submission location
Annexure 5	Joint Venture Agreement
Annexure 6	Health and Safety Specification
Annexure 7	Health and Safety Bill of Quantities
Annexure 8	Builders Lien Agreement
Annexure 9	Geotechnical Investigation Report (If applicable)
Annexure 10	EPWP Employment Contract
Annexure 11	Attendance Register - Infrastructure and Other projects
Annexure 12	EPWP Data Collection tool for Phase 3 system
Annexure 13	Project Brief

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO ANY WORK OR SHOP DRAWINGS. ALL DISCREPANCIES TO BE DISCUSSED WITH PROJECT MANAGER PRIOR TO IMPLEMENTATION THEREOF.

REVISION		
1	25.04.13	Holdwater plant position amended to be included in Mod 10
		AC plantroom added at Crisis Centre
		Entrance feature wall amended
		Concrete slab added over Pharmacy strongroom
		Staff WC in CSSD layout amended to Staff Restroom
		Service road extended to sewer plant
5	12.06.13	Duct at Admin kitchen omitted as discussed with ADX
		AC plantroom at Administrations changed as per ADX
		% building area amended as per ADX requirements
		% building level amended as per site conditions, steps added
		Sprinkler valve cupboard added at Chronic as per ADX
		Entrance position of HVAC pipes adjusted at common
		displays to fall in-between windows
		Kitchen layout on hold - to be confirmed
6	26.06.13	Module 15 position amended, service road relocated
		Module 15, 17 & 18 relocated adjacent Skills & Nutrition
		Undercover walkway amended
		Platform for module 8 omitted
		Module 7 & 8 repositioned
		Kitchen line & paving amended
		% building level - steps omitted
7	09.07.13	FFL to main clinic admin block amended, roof adjusted
		service duct added between the two buildings
		module 10 position amended closer to the road
		service passage added to bulk storage
		steps added @ chronic corner, pathway omitted
		sprinkler tank and pump room amended
8	10.07.13	kitchen blocked detached from main clinic building
9	29.07.13	position of HVAC plantroom @ crisis ward amended
		fire alarmmaster & sewer added, some MH to be moved
		position of sprinkler valve chamber amended as per ADX
		main clinic roof - all hipped ends changed to gable ends
		Iguda power, telephone & external lighting added
10	03.09.13	staff accommodation courtyards added
		paving, landscaping roads updated as per WD001-1
11	18.09.13	position of HVAC plantroom to admin blocks amended
		configuration of disabled WC & door changed as a result
		main entrance placed on hold
		module 10 updated for Eskom transformer requirements
		desert tank re-positioned (details to be confirmed)
		size and position of sprinkler pump and tank confirmed
		fire escape door added to Lab @ CSSD recover treatment
		main kitchen equipment layout added as per ADX drawings
12	07.10.13	main entrance updated, canopies updated
		casualty canopy updated
		position of wall between kitchen & dining area amended
		SAN module - hearing room 2 changed to lecture room
		ceiling projector and TV added
		window omitted from HAST store, add window to Pharmacy
		packing room, bulk store roller shutter repositioned
		entrance booms and gate arrangement on hold
13	04.11.13	positions of AHU amended as per 29.10.13 meeting
		AHU's motor cabinet covers added
		entrance updated - proposal only
		walkoff mats added at main and casualty entrances
		wall heights of HAST spilling yards amended as per DPH
		fence added at HAST spilling yards as per DPH
		pharmacy staffroom and toilet layout amended
		common diseases and reception positions amended
		common diseases consult rooms door swings mirrored
		common diseases door and wall omitted as per DPH
		sewing and clerk desk added to laundry as per DPH
		courtyard planters amended to benches as per DPH
		short stay toilet and bathroom layout amended
		gate end added over casualty entrance
		staffroom between dentist & women & child amended
		door between casualty and maternity omitted as per DPH
		stairs over toilets blocks omitted, soft roofs added
14	25.11.13	water tank/pump room added as per final details
		module 10 re-positioned for HVAC to line up with clinic
		kitchen layout amended, cold/freezer room added
		storeroom walls behind main reception thickened to 230mm
		window sill heights at dentist surgery altered for compressor
		HVAC & windows/door @ common diseases TBC
		casualty - meals & recovery layout amended as per DPH
		gate above casualty entrance pending extract details
15	04.02.14	main concourse window positions amended
16	14.04.14	DB & cupboard added in bulk store as per Iguda
		duct added for HVAC piping at bulk store
		covered walkway amended to be into main roof for services
		bulk shop updated, screenwalls & log added at kitchen
		dentist compressor housing added, cinema added in store
		covered walkway added between short stay & admin
		DB cupboard added in admin, drainage duct added in
		casualty patient wc, autoclave opening updated
		columns added at casualty entrance, store added @ common diseases
		position of guardhouse and entrance arrangement updated
		security mesh confirmed @ cashier, and medicine stores
		and entire pharmacy, escape doors omitted @ SAN
17	15.09.14	position of sprinkler pumproom amended, parking bays added
		at sprinkler area, water pump room size amended
		position of diesel storage tank to be confirmed
		updated in accordance with external works WD001-1
		revisions 13, 14 & 15, guardhouse & WC confirmed



Project Title:	
PROJECT	
DATE	SCALE
DRAWN BY	
Drawing Description:	
DRAWING	
Job No.	Rev. No.
PROJECT No.	DRAWING No.
ISSUED FOR APPROVAL	
ISSUED FOR INFORMATION	
ISSUED FOR SUBMISSION	
ISSUED FOR TENDER	
ISSUED FOR CONSTRUCTION	



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH
CENTRE**

ANNEXURES



Annexure 4
Joint Venture Agreement
(March 2004)
(First Edition of CIDB document 1017)

1. **PREAMBLE**

This agreement is made and entered into by and between

of the first part and

of the second part and

of the third part.

(allow for additional parties as necessary).

Whereas the foregoing parties have resolved to form a Joint Venture under the title of

for the exclusive purposes of securing and/or executing the Contract to be awarded by
(name of Employer)

to the KZN Department of Health in respect of the following project:

for *(brief description of Contract)*

UMKHANYAKUDE DISTRICT - MTUBATUBA - CONTRUCTION OF NEW COMMUNITY HEALTH CENTRE

Now it is hereby agreed as follows :

2. **DEFINITIONS AND INTERPRETATION**

2.1 Definitions

The following words and expressions shall have the meanings indicated, except where the context otherwise requires. Defined terms and words are, in general, signified in the text of the Agreement by the use of capital Contrac initial letters, but the absence of such letters does not necessarily signify that a term, or word, is not defined.

'Agreement' means the agreement between the Members of the Joint Venture and includes this model form of agreement together with the Preamble, Specific Provisions, if any, Schedules 'A', 'B' and 'C' and any relevant Documents prepared prior to the signing of the Agreement and appended thereto.

'Contract' means the contract with the Employer for the supply of the Deliverables, for the purposes of securing and executing which, the Joint Venture has been formed.

'Deliverables' means the works and/or services, equipment, materials, goods, etc. to be furnished by the Joint Venture to the Employer in terms of the Contract.

'Document' means any written, drawn, typed, printed, or photographic material, which relates to the Agreement.

'Employer' means the person, or body, which is to award the Contract and will employ the Joint Venture if it is awarded the Contract.

'Joint Venture' means the joint venture formed by the Members in accordance with the Agreement.

'Management Committee' means the body established in terms of the Agreement to manage all aspects of the work of the Joint Venture in securing and executing the Contract and in meeting the provisions for the Agreement.

'Member' means a person, or body which, being a party to the Agreement, is a member of the Joint Venture.

'Member's Interest' means the proportion expressed as a percentage, which the total monetary value of all resources provided and contributions made by a Member towards the execution by the Joint Venture of the Contract bears to the total of such values by all Members and, unless otherwise indicated in the Agreement, represents the extent to which the Member participates in the fortunes of the Joint Venture.

'Representative' means the person representing a Member on the Management Committee.

'Schedules' means Schedules 'A', 'B' and 'C' which set out general, financial and other information relating to the Members and the obligations, duties, rights, risks and benefits arising from their participation in the Joint Venture.

'Specific Provisions' means the variations, if any, required to this standard form of agreement for the specific purposes of the Agreement.

2.2 Interpretation

Unless inconsistent with the context, an expression in the Agreement which denotes:

- any gender shall include the other genders
- a natural person shall include a juristic person and vice versa
- the singular shall include the plural and vice versa

2.3 Headings

The headings to clauses of the Agreement shall not be considered part thereof, nor shall the words they contain be taken into account in the interpretation of any clause.

2.4 Law

The Agreement shall be construed in accordance with and governed by the laws of the Republic of South Africa and the English language versions shall prevail.

2.5 Language

English shall be exclusively used by the Members in the preparation of Documents unless otherwise indicated.

2.6 Conflict between Agreement and Contract

Should any provision of the Agreement be in conflict with the terms of the Contract, the Agreement shall be amended to the approval of the Management Committee so as to eliminate the conflict.

3. **JOINT VENTURE GENERAL**

3.1 Establishment and Purpose

The Joint Venture established by the Members in terms of the Agreement is an unincorporated association with the exclusive purposes of securing and executing the Contract for the benefit of the Members.

3.2 Termination

The operation of the Joint Venture and the validity of the Agreement shall terminate if and when it becomes evident that the Joint Venture will not be awarded the Contract, or, if the Joint Venture secures the Contract, when all obligations and rights of the Joint Venture and the Members in connection with the Contract and the Agreement have ceased and/or been satisfactorily discharged.

Unless otherwise decided by the Management Committee, the Agreement shall not terminate if a Member changes its name, or is taken over by, or merged with, another body.

This agreement will terminate when any one of the Members resigns, are liquidated or opts out of this agreement and the Joint Venture will be in breach of contract with the Employer and their contract could be cancelled.

3.3 Exclusivity

Unless otherwise agreed by the Management Committee, or provided for in the Contract no Member shall engage in any activity related to the Contract other than as a Member of the Joint Venture and Members shall ensure that their subsidiaries and other bodies over which they have control comply with this requirement.

3.4 Participation of Members

Except as may otherwise be stipulated in the Agreement, each Member shall be responsible for all costs incurred by it prior to the date of inception of the Agreement.

Subsequent to the date of inception of the Agreement, each Member shall, participate in the operations, risks, responsibilities and fortunes of the Joint Venture including, inter alia, the provision of funding, sureties, guarantees, insurances, human and other resources and participation in profits and losses to the extents indicated in the Schedules. Participation in any aspect not covered in the Schedules shall, if an agreement cannot be reached between the Members, be to the same extents as indicated by the Members Interests.

3.5 Management

The affairs of the Joint Venture shall be directed and controlled by the Management Committee, as set out in Section 4 hereof.

3.6 Confidentiality

All matters relating to the Agreement and the Contract shall be treated by the Members as confidential and no such matter shall be disclosed to any third party without the prior written approval of the Management Committee.

No Member shall be party to the dissemination of publicity relating to the Contract, or the Agreement, without the prior written approval of the Management Committee and the Employer.

3.7 Assignment

No Member shall cede, assign, or in any other way make over any of its rights, or obligations, under the Agreement without the prior written consent of the Management Committee.

3.8 Subcontracting

No Member shall subcontract any obligation, work or duty for which it is, itself, responsible in terms of the Agreement without the prior written consent of the Management Committee.

3.9 Variations to Agreement

No variation, modification, or waiver of any part of the Agreement shall be of any force, or effect, unless unanimously agreed by the Members and reduced to writing.

3.10 Liability

Each Member warrants that it will indemnify the other Members against all legal liabilities arising out of, or in connection with the performance of its obligations under the Agreement.

It is acknowledged by the Members that they may be held jointly and severally liable in respect of claims against the Joint Venture by the Employer or third parties.

4. MANAGEMENT OF JOINT VENTURE

4.1 General

The affairs of the Joint Venture shall be directed, controlled and managed by the Management Committee, which, within the terms of the Agreement and the Contract, shall have full authority to bind the Members in all matters relating to the affairs of the Joint Venture.

Communication between the Joint Venture and the Employer, or third parties, relating to the Contract shall be conducted exclusively by the Management Committee, or by such person as it may delegate to perform this function.

The Management Committee shall have the power to appoint a project manager and/or such other persons as it may see fit to appoint for the purpose of executing the Contract and may delegate such of its powers, responsibilities and duties as it may consider necessary, or desirable, to persons or bodies appointed or seconded for this purpose.

Such administrative functions as are necessary to ensure the effective operation of the Management Committee shall be performed by its chairman.

4.2 Management Committee

4.2.1 Composition

The Management Committee shall, unless otherwise agreed by all the Members, consist of one Representative of each Member and each Member shall be obliged, at all times, to maintain a Representative on the Management Committee.

Each member shall, not later than three working days after the signing of the Agreement, appoint its Representative and notify the other Members of the name and contact details of the Representative. Such Representative shall have the power to bind the Member that he represents in all matters relating to the execution of the Contract and the performance of the Agreement.

A Member shall be entitled, after giving the other Members not less than three working days written notice of his intention to do so, appoint, remove and/or replace, an alternate who shall, at any meeting of the Management Committee from which the Representative whom he represents is absent, be vested with all rights and powers and subjected to all the obligations of the absent Representative.

The chairman of the Management Committee shall be the Representative of the Member which has the largest Member's Interest. If two, or more, Members have the same, largest Member's Interest, the chairmanship shall rotate between the Representatives of such Members at three monthly intervals, the order of rotation to be determined by ballot.

Notwithstanding the foregoing, the chairmanship of the Management Committee may be determined, or changed, at any time by unanimous decision of the Management Committee.

No remuneration shall be paid by the Joint Venture to Representatives or their alternates for serving on the Management

4.2.2 *Meetings*

Meetings of the Management Committee shall take place at such times and places as the Management Committee may determine, provided that the chairman shall convene a meeting of the Management Committee to be held not later than ten working days after he has been requested, in writing, by a Member to do so. Not less than five working days written notice of any meeting of the Management Committee shall be given to all Representatives and their alternates.

The Management Committee may permit, or invite, persons other than Representatives or alternates to attend any of its meetings, but such persons shall not have voting rights.

4.2.3 *Decisions*

Each Representative shall have one vote on the Management Committee and where, in terms of this clause, a casting vote is required, this shall be exercised by the chairman.

All decisions of the Management Committee shall, desirably, be unanimous. Accordingly, if unanimity cannot, initially, be achieved in regard to a decision, the meeting at which that decision is sought shall be adjourned for a period of 48 hours to enable Representatives to consult with their principals. If, on resumption of the adjourned meeting, unanimity can still not be achieved, the decision, provided it is not one requiring unanimity of the Members, shall be taken by majority vote and, in the event of a tie, the chairman shall exercise a casting vote.

A Member not satisfied with a majority decision of the Management Committee may declare a dispute, to be dealt with in terms of Clause 8 hereof, but the majority decision shall, nevertheless, be implemented with immediate effect.

Decisions of the Management Committee, whether taken at a meeting, or otherwise, shall be recorded in written minutes, which shall be distributed by the chairman to reach the Representatives not later than five working days after those decisions were taken. Such minutes shall be deemed to have been affirmed by the Representatives unless written notice of dissent is received by the chairman not later than three working days after receipt of the minutes by the Representative.

4.2.4 Powers and duties

The functions, responsibilities and powers of the Management Committee shall include, inter alia, those listed below:

- 4.2.4.1 Formulating overall policy in regard to the achievement of the objectives of the Joint Venture.
- 4.2.4.2 Managing the day to day affairs of the Joint Venture.
- 4.2.4.3 Monitoring, directing and co-ordinating the activities of the Members to ensure that the objectives of the Joint Venture are achieved and that the obligations and responsibilities of the individual Members are met.
- 4.2.4.4 Monitoring and controlling the financial affairs of the Joint Venture and ensuring that proper books of account and financial records relating to affairs of the Joint Venture are maintained in an approved form and submitted to the Management Committee for approval at regular intervals, which shall not be longer than one month.
- 4.2.4.5 Determining the necessity for and the details of any changes in the duties and responsibilities of Members provided that any resulting changes in Members' Interests shall be unanimously approved by the Members.
- 4.2.4.6 Determining the terms and conditions of employment of personnel and the emoluments applicable to staff seconded to the Joint Venture by the Members.
- 4.2.4.7 Controlling and approving the appointment of all subcontractors.
- 4.2.4.8 Procuring, after the completion of the Contract and the release of all bonds, guarantees and sureties given in respect of the performances of the Joint Venture and the Members, the preparation and auditing of a final set of accounts, on the basis of which the final profits, or losses, attributable to the individual Members shall be determined and any necessary adjustments effected.

5 **RESOURCES OF JOINT VENTURE**

The resources to be utilised by the Joint Venture in securing and executing the Contract shall, insofar as these are to be provided directly by the Members, be as set out in the Schedules and may, from time to time, be amended by decision of the Management Committee, provided that the Member's Interests are not, except with the unanimous approval of the Members, affected thereby.

Similarly, specific areas of responsibility of the Members for the performance of work and the provision of facilities shall be as set out in the Schedules and may, from time to time, be amended by decision of the Management Committee, provided that the Members' Interest are not, except with the unanimous approval of the Members, affected thereby.

5.1 Schedule 'A' (General)

Schedule 'A' shall contain general information relating to the Joint Venture including, inter alia, the following :

1. The Employer's name and address.
2. A brief description of the Contract and the Deliverables.
3. The name, physical address, communications addresses and domicilium citandi et executandi of each Member and of the Joint Venture.
4. The Members' Interests.
5. A statement indicating whether, or not, Specific Provisions apply to the Agreement.
6. A schedule of insurance policies which must be taken out by the Joint Venture and by the individual Members.
7. A Schedule of sureties, indemnities and guarantees that must be furnished by the Joint Venture and by the individual Members.
8. Details of the persons, who, in the event of failure by the Members to reach agreement on the appointments of mediator and arbitrator, will nominate appointees to these positions in terms of Clauses 8.2 and 8.3.

5.2 Schedule 'B' (Financial)

Schedule 'B' shall contain information regarding the financial affairs of the Joint Venture including, inter alia, the following :

1. The working capital required by the Joint Venture and the extent to which and manner whereby this will be provided and/or guaranteed by the individual Members from time to time.
2. The banking accounts that are to be opened in the name of the Joint Venture and the manner in which these are to be operated.
3. The rates of interest that will be applicable to amounts by which Members are in debit, or credit, to the Joint Venture.
4. The names of the auditors and others, if any, who will provide auditing and accounting services to the Joint Venture.
5. The intervals at which interim financial accounts and forecasts will be prepared for approval by the Management Committee.
6. Insofar as not covered in Schedule 'C', the basis on which contributions of various types by the Members towards the work of the Joint Venture in securing, executing, managing and satisfactorily completing the Contract, will be valued.
7. The basis on which profits and/or surplus cash will, if available from time to time, be distributed to Members.
8. The basis upon which losses, if any, are to be apportioned to Members.

5.3 Schedule 'C' (Contributions by Members)

Schedule 'C' shall set out the contributions of various types, other than cash, that will be made by the individual Members towards the work and obligations of the Joint Venture and shall, as far as possible, indicate the monetary values to be placed on such contributions, which may include, inter alia, the following :

1. Staff seconded to the Joint Venture.
2. Work carried out and services provided to, or on behalf of, the Joint Venture.
3. Plant, equipment, facilities etc. made available for use by the Joint Venture.
4. Materials and goods supplied to, or on behalf of, the Joint Venture.
5. Licences, sureties, guarantees and indemnities furnished to, or on behalf of, the Joint Venture.
6. Joint Venture Disclosure form required for the Contract.

6. BREACH OF AGREEMENT

If a Member breaches any material provision of the Agreement, or delays or fails to fulfil its obligations in whole, or in part, and does not remedy the situation within fourteen calendar days of receipt of notice from the Management Committee, or another Member, to do so, the other Members shall have the right, without prejudice to any other rights arising from the default, to summarily terminate the Agreement and re-assign the defaulting Member's rights and obligations in the Joint Venture as they see fit and withhold any moneys due to the defaulting member by the Joint Venture.

Each Member shall indemnify the other Members against all losses, costs and claims which may arise against them in the event of the Agreement being terminated as a result of breach of the Agreement by the said Member.

7. INSOLVENCY OF MEMBER

Should a Member be placed in liquidation, or under judicial management, whether provisionally or finally, or propose any compromise with its creditors, the other Members shall be entitled to proceed in terms of Clause 6, as if the Member had breached the Agreement.

8. DISPUTES

8.1 Settlement

The Members shall negotiate in good faith and make every effort to settle any dispute, or claim, that may arise out of, or relate to, the Agreement.

If agreement cannot be reached, an aggrieved Member shall, if he intends to proceed further in terms of Clause 8.2 hereof, advise all other Members in writing that negotiations have failed and that he intends to refer the matter to mediation in terms of Clause 8.2.

8.2 Mediation

Not earlier than ten working days after having advised the other Members, in terms of Clause 8.1, that negotiations in regard to a dispute have failed, an aggrieved Member may require that the dispute be referred, without legal representation, to mediation by a single mediator.

The mediator shall be selected by agreement between the Members, or, failing such agreement, by the person named for this purpose in Schedule 'A'. The costs of the mediation shall be borne equally by all Members.

The mediator shall convene a hearing of the Members and may hold separate discussions with any Member and shall assist the Members in reaching a mutually acceptable settlement of their differences through means of reconciliation, interpretation, clarification, suggestion and advice. The Members shall record such agreement in writing and thereafter they shall be bound by such agreement.

The mediator is authorised to end the mediation process whenever in his opinion further efforts at mediation would not contribute to a resolution of the dispute between the Members.

8.3 Arbitration

Where a dispute or claim is not resolved by mediation, it shall be referred to arbitration by a single arbitrator to be selected by agreement between the Members or, failing agreement, to be nominated by the person named for this purpose in Schedule 'A'.

The Member requiring referral to arbitration shall notify the other Members, in writing, thereof, not later than thirty calendar days after the mediator has expressed his opinion, failing which the mediator's opinion shall be deemed to have been accepted by all Members and shall be put into effect.

Arbitration shall be conducted in accordance with the provisions of the Arbitration Act No. 42 of 1965, as amended, and in accordance with such procedure as may be agreed by the Members or, failing such agreement, in accordance with the rules for the Conduct of Arbitrations published by the Association of Arbitrators and current at the date that the arbitrator is appointed.

The decisions of the arbitrator shall be final and binding on the Members, shall be carried into immediate effect and, if necessary, be made an order of any court of competent jurisdiction.

9. DOMICILIUM

The Members choose domicilium citandi et executandi for all purposes of and in connection with the Agreement as stated in Schedule 'A'. A Member shall be entitled to change his domicilium from time to time, but such change shall be effective only on receipt of written notice of the change by all other Members.

Member No. 1

Thus done and signed at _____ this ____ day of _____ 20__

For and on behalf of _____ [Company]

by [name] _____ who warrants his authority to do so.

As witnesses 1. _____

As witnesses 2. _____

Member No. 2

Thus done and signed at _____ this ____ day of _____ 20__

For and on behalf of _____ [Company]

by [name] _____ who warrants his authority to do so.

As witnesses 1. _____

As witnesses 2. _____

Member No. 3

Thus done and signed at _____ this _____ day of _____ 20____

For and on behalf of _____ [Company]

by [name] _____ who warrants his authority to do so.

As witnesses 1. _____

As witnesses 2. _____

[Allow for additional parties as necessary].

Occupational Health and Safety Specification

(OHSE SPEC)



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

Project Name:

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF
NEW COMMUNITY HEALTH CENTRE**

Project Code:

N/A

Agent Name:

**To be Confirmed by the Health and
Safety Agent**

Region:

Head Office

District:

Head Office

Ward no.:

--

HEALTH AND SAFETY IMPLEMENTATION COSTING

Contractor to give a breakdown of his Health and Safety costs on this sheet.

ITEM	DESCRIPTION	UNIT	QUAN- TITY	MONTHS (Indicative)	RATE	AMOUNT
			(a)		(b)	(a) x (b)
1	MEDICALS					
1.1	Pre-employment medical	Nr.	-			
1.2	Re-medicals - yearly	Nr.	-			
	TOTAL					
2	PERSONAL PROTECTIVE EQUIPMENT					
2.1	Overalls	Nr.				
2.2	Hard Hats	Nr.				
2.3	Safety boots/shoes	Nr.				
2.4	Gloves	Nr.				
2.5	Gumboots steel toe cap	Nr.				
2.6	Safety glasses	Nr.				
2.7	Reflector Bibs	Nr.				
2.8	Barricading Material	M				
2.9	Dust masks	Box				
	TOTAL	20				
3	FIRE FIGHTING					
3.1	Fire extinguishers - 4.5Kg	Nr.				
3.2	Surveys - Annual Service	Nr.				
	TOTAL					
4	HEALTH AND SAFETY PERSONNEL					
4.1	Safety Manager	Nr.				
4.2	Safety Officer	Nr.				
4.3	Construction Phase Safety, Health, Environmental and Waste Management Plan	Nr.				
	TOTAL					
	FACILITIES					
5.1	Provision of ablution facilities	Nr.				
5.2	Service and maintenance of ablution facilities	Nr.				
5.3	Provision of eating areas	Nr.				
5.4	Cleaning of Lay down and other storage areas	Nr.				
5.5	Wash hand basin	Nr.				
5.6	Hot and Cold running water	Nr.				
5.7	Degreasing & Toilet soap	Nr.				
	TOTAL					
6	FALL PREVENTION / PROTECTION					

6.1	Safety harnesses with double lanyards	Nr.			
6.2	Safety harnesses with Scaffold hooks	Nr.			
6.3	Lifelines and vertical fall arrest systems	Nr.			
6.4	Scaffolding – material, erection and inspection (Estimate for project)	Nr.			
6.5	Temporary hand railing material and kick flats	Nr.			
6.6	Chin Straps	Nr.			
	TOTAL				
7	FIRST AID				
7.1	Replenishment of boxes and other supplies	Nr			
	TOTAL				
8	TRAINING				
8.1	SHE Representative	Nr.			
8.2	First Aid Level 1	Nr.			
8.3	Fire Fighting	Nr.			
	TOTAL				
9	SIGNAGE				
9.1	All Signage as required by Law, regulatory, warning and information	Nr.			
9.2	Posters for awareness	Nr.			
	TOTAL				
10	ELECTRICAL				
10.1	Replacement of Locks required for lockouts	Nr.			
10.2	Replacement of tags	Nr.			
10.3	Replacement for Permit books	Nr.			
10.4	Replacement of Callipers	Nr.			
	TOTAL				
11	OTHERS (Project Specific)				
11.1		Nr.			
	TOTAL				
GRAND TOTAL TO BE CARRIED TO THE PRELIMINARIES AND GENERAL IN BILL OF QUANTITIES					

WAIVER OF CONTRACTOR'S LIEN

DEFINITIONS

Contractor: _____

Employer: Head of Health (KZN Department of Health: Province of KwaZulu-Natal)

Agreement: NEC 3 - Option B - April 2013

Works (description):

**UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW
COMMUNITY HEALTH CENTRE**

Site:

Co-ordinates 28°24'13.12"S; 32°11'11.11"E, Mtubatuba

AGREEMENT

The Contractor waives, in favour of the Employer, any lien or right of retention that is or may be held in respect of the Works to be executed on the Site

Thus done and signed at _____ on _____
[Date]

Name of signatory

Capacity of signatory

As witness

For and on behalf of the contractor who by
signature hereof warrants authorisation
hereto

ADDITIONAL SPECIFICATION - EPWP

SL EMPLOYMENT AND TRAINING OF EPWP BENEFICIARY ON THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP) Infrastructure Projects:

CONTENTS

SL 01	SCOPE
SL 02	TERMINOLOGY AND DEFINITIONS
SL 03	APPLICABLE LABOUR LAWS
SL 04	EXTRACTS FROM MINISTERIAL DETERMINATION REGARDING EPWP
SL 05	EMPLOYER'S RESPONSIBILITIES
SL 06	PLACEMENT OF RECRUITED EPWP BENEFICIARY
SL 07	TRAINING OF YOUTH WORKERS
SL 08	BENEFICIARY (EPWP BENEFICIARY) SELECTION CRITERIA
SL 09	CONTRACTUAL OBLIGATIONS IN RELATION TO EPWP BENEFICIARY
SL 10	PROVINCIAL RATES OF PAY
SL 11	MEASUREMENTS AND PAYMENT
EXAMPLE	EPWP EMPLOYMENT AGREEMENT

SL 01 SCOPE

This project is part of the Expanded Public Works Programme aims to train young people and provide them with practical work experience as part of this programme. Youth aged between 18 and 35 will be recruited and trained in skills relevant to the work to be done on this project. These youth will have to be employed by the contractor as part of this project so that they can gain their work experience on these projects. The training of the youth will be coordinated and implemented by a separate service provider. This service provider will provide the contractor with a list of all the youth and the training each of these youth have received. The Contractor will be required to employ all of these youth for a minimum period of 6 months. Furthermore the Contractor will be required to supervise these youth to ensure that the work they perform is of the required standard. If necessary the contractor's staff will be required to assist and mentor the youth to ensure that they are able to perform the type of work they need to do to the satisfactory standards required. The contractor will not be required to employ all youth in the programme at the same time, but may rotate the youth on the project, as long as all youth are employed for the minimum duration stated earlier.

This specification contains the standard terms and conditions for workers employed in elementary occupations and trained on a Expanded Public Works Programme (EPWP) for the Infrastructure Programme.

SL 02 TERMINOLOGY AND DEFINITIONS

SL 02.01 TERMINOLOGY

(a) EPWP The Code of Good Practice for Expanded Public Works Programmes, which has been gazetted by the Department of Labour, and which provides for special conditions of employment for these EPWP projects. In terms of the Code of Good Practice, the workers on these projects are entitled to formal training, which will be provided by training providers appointed (and funded) by the Department of Labour. For projects of up to six months in duration, this training will cover life-skills and information about other education, training and employment opportunities.

- (b) EPWP Expanded Public Works Programme, a National Programme of the government of South Africa, approved by Cabinet.
- (c) UYF Umsobumvu Youth Fund.
- (d) DOL Department of Labour.

SL 02.02 DEFINITIONS

- (a) “employer” means the contractor or any party employing the worker / beneficiary under the EPWP Programme.
- (b) “client” means the Department of Public Works.
- (c) “worker / trainee” means any person working or training in an elementary occupation on a EPWP.

SL 03 APPLICABLE LABOUR LAWS

In line with the Expanded Public Works Programme (EPWP) policies, the Ministerial Determination, Special Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of labour in government Notice No. R63 of 25 January 2002, of which extracts have been reproduced below in clauses SL 04 shall apply to works described in the scope of work and which are undertaken by unskilled or semi-skilled workers. The Code of Good Practise for Employment and Conditions of Work for Expanded Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice No. R64 of 25 January 2002 shall apply to works described in the scope of work and which unskilled or semi-skilled workers undertake.

SI 04 EXTRACTS FROM MINISTERIAL DETERMINATION REGARDING EPWP

SL 04.01 DEFINITIONS

- (a) “department” means any department of the State, implementing agent or contractor;
- (b) “employer” means any department that hires workers to work in elementary occupations on a EPWP;
- (c) “worker” means any person working in an elementary occupation on a EPWP;
- (d) “elementary occupation” means any occupation involving unskilled or semi-skilled work;
- (e) “management” means any person employed by a department or implementing agency to administer or execute a EPWP;
- (f) “task” means a fixed quantity of work;
- (g) “task-based work” means work in which a worker is paid a fixed rate for performing a task;
- (h) “task-rated worker” means a worker paid on the basis of the number of tasks completed;
- (i) “time-rated worker” means a worker paid on the basis of the length of time worked
- (j) “Service Provider” means the consultant appointed by Department to coordinate and arrange the employment and training of labour on EPWP infrastructure projects.

SL 04.02 TERMS OF WORK

- (a) Workers on a EPWP are employed on a temporary basis.
- (b) A worker may NOT be employed for longer than 24 months in any five-year cycle on a EPWP.
- (c) Employment on a EPWP does not qualify as employment and a worker so employed does not have to register as a contributor for the purposes of the Unemployment

SL 04.03 **NORMAL HOURS OF WORK**

- (a) An employer may not set tasks or hours of work that require a worker to work–
 - (i) more than forty hours in any week
 - (ii) on more than five days in any week; and
 - (iii) for more than eight hours on any day.
- (b) An employer and a worker may agree that the worker will work four days per week. The worker may then work up to ten hours per day.
- (c) A task-rated worker may not work more than a total of 55 hours in any week to complete the tasks (based on a 40-hour week) allocated to him.

Every worker is entitled to a daily rest period of at least eight consecutive hours. The daily rest period is measured from the time the worker ends work on one day until the time the worker starts work on the next day.

SL 04.04 **MEAL BREAKS**

- (a) A worker may not work for more than five hours without taking a meal break of at least thirty minutes duration.
- (b) An employer and worker may agree on longer meal breaks.
- (c) A worker may not work during a meal break. However, an employer may require a worker to perform duties during a meal break if those duties cannot be left unattended and cannot be performed by another worker. An employer must take reasonable steps to ensure that a worker is relieved of his or her duties during the meal break.

SL 04.05 **SPECIAL CONDITIONS FOR SECURITY GUARDS**

- (a) A security guard may work up to 55 hours per week and up to eleven hours per day.
- (b) A security guard who works more than ten hours per day must have a meal break of at least one hour duration or two breaks of at least 30 minutes duration each.

SL 04.06 **DAILY REST PERIOD**

Every worker is entitled to a daily rest period of at least eight consecutive hours. The daily rest period is measured from the time the worker ends work on one day until the time the worker starts work on the next day.

SL 04.07 **WEEKLY REST PERIOD**

Every worker must have two days off every week. A worker may only work on their day off to perform work which must be done without delay and cannot be performed by workers during their ordinary hours of work (“emergency work”).

SL 04.08 **WORK ON SUNDAYS AND PUBLIC HOLIDAYS**

- (a) A worker may only work on a Sunday or public holiday to perform emergency or security work.
- (b) Work on Sundays is paid at the ordinary rate of pay.
- (c) A task-rated worker who works on a public holiday must be paid –
 - (i) the worker’s daily task rate, if the worker works for less than four hours;
 - (ii) double the worker’s daily task rate, if the worker works for more than four
- (d) A time-rated worker who works on a public holiday must be paid –

- (i) the worker's daily rate of pay, if the worker works for less than four hours on the public holiday;
- (ii) double the worker's daily rate of pay, if the worker works for more than four hours on the public holiday.

SL 04.09 SICK LEAVE

- (a) Only workers who work four or more days per week have the right to claim sick-pay in terms of this clause.
- (b) A worker who is unable to work on account of illness or injury is entitled to claim one day's paid sick leave for every full month that the worker has worked in terms of a
- (c) A worker may accumulate a maximum of twelve days' sick leave in a year.
- (d) Accumulated sick-leave may not be transferred from one contract to another contract.
- (e) An employer must pay a task-rated worker the worker's daily task rate for a day's sick leave.
- (f) An employer must pay a time-rated worker the worker's daily rate of pay for a day's sick leave.
- (g) An employer must pay a worker sick pay on the worker's usual payday.
- (h) Before paying sick-pay, an employer may require a worker to produce a certificate stating that the worker was unable to work on account of sickness or injury if the worker is –
 - (i) absent from work for more than two consecutive days; or
 - (ii) absent from work on more than two occasions in any eight-week period.
- (i) A medical certificate must be issued and signed by a medical practitioner, a qualified nurse or a clinic staff member authorised to issue medical certificates indicating the duration and reason for incapacity.
- (j) A worker is not entitled to paid sick-leave for a work-related injury or occupational disease for which the worker can claim compensation under the Compensation for Occupational Injuries and Diseases Act.

SL 04.10 MATERNITY LEAVE

- (a) A worker may take up to four consecutive months' unpaid maternity leave.
- (b) A worker is not entitled to any payment or employment-related benefits during maternity leave.
- (c) A worker must give her employer reasonable notice of when she will start maternity leave and when she will return to work.
- (d) A worker is not required to take the full period of maternity leave. However, a worker may not work for four weeks before the expected date of birth of her child or for six weeks after the birth of her child, unless a medical practitioner, midwife or qualified nurse certifies that she is fit to do so.
- (e) A worker may begin maternity leave –
 - (i) four weeks before the expected date of birth; or
 - (ii) on an earlier date –
 - (1) if a medical practitioner, midwife or certified nurse certifies that it is necessary for the health of the worker or that of her unborn child; or
 - (2) if agreed to between employer and worker; or
 - (iii) on a later date, if a medical practitioner, midwife or certified nurse has certified that the worker is able to continue to work without endangering her health.

- (f) A worker who has a miscarriage during the third trimester of pregnancy or bears a stillborn child may take maternity leave for up to six weeks after the miscarriage or stillbirth.
- (g) A worker who returns to work after maternity leave, has the right to start a new cycle of twenty-four months employment, unless the EPWP on which she was employed has ended.

SL 04.11 FAMILY RESPONSIBILITY LEAVE

- (a) Workers, who work for at least four days per week, are entitled to three days paid family responsibility leave each year in the following circumstances -
 - (i) when the employee's child is born;
 - (ii) when the employee's child is sick;
 - (iii) in the event of the death of –
 - (1) the employee's spouse or life partner
 - (2) the employee's parent, adoptive parent, grandparent, child, adopted child, grandchild or sibling

SL 04.12 STATEMENT OF CONDITIONS

- (a) An employer must give a worker a statement containing the following details at the start of employment –
 - (i) the employer's name and address and the name of the EPWP;
 - (ii) the tasks or job that the worker is to perform;
 - (iii) the period for which the worker is hired or, if this is not certain, the expected duration of the contract;
 - (iv) the worker's rate of pay and how this is to be calculated;
 - (v) the training that the worker may be entitled to receive during the EPWP.
- (b) An employer must ensure that these terms are explained in a suitable language to any employee who is unable to read the statement.
- (c) An employer must supply each worker with a copy of the relevant conditions of employment contained in this specification.
- (d) An employer must enter into a formal contract of employment with each employee. A copy of a pro-forma is attached at the end of this specification.

SL 04.13 KEEPING RECORDS

- (a) Every employer must keep a written record of at least the following –
 - (i) the worker's name and position;
 - (ii) in the case of a task-rated worker, the number of tasks completed by the worker;
 - (iii) in the case of a time-rated worker, the time worked by the worker;
 - (iv) payments made to each worker.
- (b) The employer must keep this record for a period of at least three years after the completion of the EPWP.

SL 04.14 PAYMENT

- (a) A task-rated worker will only be paid for tasks that have been completed.

- (b) An employer must pay a task-rated worker within five weeks of the work being completed and the work having been approved by the manager or the contractor having submitted an invoice to the employer. Payment must be made in cash, by cheque or by direct deposit into a bank account designated by the worker.
- (c) A time-rated worker will be paid at the end of each month and payment must be made in cash, by cheque or by direct deposit into a bank account designated by the worker.
- (d) Payment in cash or by cheque must take place –
 - (i) at the workplace or at a place agreed to by at least 75% of the workers; and
 - (ii) during the worker's working hours or within fifteen minutes of the start or finish of work;
- (e) All payments must be enclosed in a sealed envelope which becomes the property of the worker.
- (f) An employer must give a worker the following information in writing –
 - (i) the period for which payment is made;
 - (ii) the number of tasks completed or hours worked;
 - (iii) the worker's earnings;
 - (iv) any money deducted from the payment;
 - (v) the actual amount paid to the worker.
- (g) If the worker is paid in cash or by cheque, this information must be recorded on the envelope and the worker must acknowledge receipt of payment by signing for it.
- (h) If a worker's employment is terminated, the employer must pay all monies owing to that worker within one month of the termination of employment.

SL 04.15 DEDUCTIONS

- (a) An employer may not deduct money from a worker's payment unless the deduction is required in terms of a law.
- (b) An employer must deduct and pay to the SA Revenue Services any income tax that the worker is required to pay.
- (c) An employer who deducts money from a worker's pay for payment to another person must pay the money to that person within the time period and other requirements specified in the agreement law, court order or arbitration award concerned.
- (d) An employer may not require or allow a worker to –
 - (i) repay any payment except an overpayment previously made by the employer by mistake;
 - (ii) state that the worker received a greater amount of money than the employer actually paid to the worker; or
 - (iii) pay the employer or any other person for having been employed.

SL 04.16 HEALTH AND SAFETY

- (a) Employers must take all reasonable steps to ensure that the working environment is healthy and safe and that all legal requirements regarding health and safety are strictly adhered to.
- (b) A worker must:
 - (i) work in a way that does not endanger his/her health and safety or that of any other person;
 - (ii) obey any health and safety instruction;
 - (iii) obey all health and safety rules;

- (iv) use any personal protective equipment or clothing issued by the employer;
- (v) report any accident, near-miss incident or dangerous behaviour by another person to their employer or manager.

SL 04.17 COMPENSATION FOR INJURIES AND DISEASES

- (a) It is the responsibility of employers to arrange for all persons employed on a EPWP to be covered in terms of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993.
- (b) A worker must report any work-related injury or occupational disease to their employer or manager.
- (c) The employer must report the accident or disease to the Compensation Commissioner.
- (d) An employer must pay a worker who is unable to work because of an injury caused by an accident at work 75% of their earnings for up to three months. The employer will be refunded this amount by the Compensation Commissioner. This does NOT apply to injuries caused by accidents outside the workplace such as road accidents or accidents at home.

SL 04.18 TERMINATION

- (a) The employer may terminate the employment of a worker provided he has a valid reason and after following existing termination procedures.
- (b) A worker will not receive severance pay on termination.
- (c) A worker is not required to give notice to terminate employment. However, a worker who wishes to resign should advise the employer in advance to allow the employer to find a replacement.
- (d) A worker who is absent for more than three consecutive days without informing the employer of an intention to return to work will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.
- (e) A worker who does not attend required training events, without good reason, will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.

SL 04.19 CERTIFICATE OF SERVICE

- (a) On termination of employment, a worker is entitled to a certificate stating –
 - (i) the worker's full name;
 - (ii) the name and address of the employer;
 - (iii) the SPWP on which the worker worked;
 - (iv) the work performed by the worker;
 - (v) any training received by the worker as part of the EPWP;
 - (vi) the period for which the worker worked on the EPWP;
 - (vii) any other information agreed on by the employer and worker.

SL 05 EMPLOYER'S RESPONSIBILITIES

The employer shall adhere to the conditions of employment as stipulated in the *Code of Good Practice for Employment and Conditions of Work for Expanded Public Works Programmes*. Over and above the conditions stipulated above, he shall be responsible to:

- (a) formulate and design a contract between himself/ herself and each of the recruited EPWP beneficiary, ensuring that the contract does not contravene any of the Acts stipulated in South African Law, e.g. Basic Conditions of Employment Act, etc. (A copy of a pro-forma contract is attached at the end of this specification);

- (b) screen and select suitable candidates for employment from the priority list of EPWP beneficiary provided by the Umsobumvu Youth Fund (UYF);
- (c) ensure that the recruited EPWP beneficiary are made available to receive basic life skills training which will be conducted and paid for by the Umsobumvu Youth Fund;
- (d) ensure that all EPWP beneficiary receive instruction on safety on site prior to them commencing with work on site;
- (e) ensure that all EPWP beneficiary are covered under workmen's compensation for as long as they are contracted to the contractor. Payment to the Compensation Commissioner shall be the responsibility of the contractor;
- (f) assist in the identification and assessment of potential EPWP beneficiary to undergo advanced technical training in respective trades;
- (g) test and implement strict quality control and to ensure that the health and safety regulations are adhered to;
- (h) provide all EPWP beneficiary with the necessary protective clothing as required by law for the specific trades that they are involved in.
- (i) provide overall supervision and day-to-day management of EPWP beneficiary and/or sub-contractors; and
- (j) ensure that all EPWP beneficiary are paid their wages on time through a pre-agreed payment method as stipulated in the contract with the EPWP beneficiary.

SL 06 PLACEMENT OF RECRUITED EPWP BENEFICIARY

Employers will be contractually obliged to:

- (a) employ EPWP beneficiary from targeted social groups from the priority list provided by the Service Provider/ Umsobumvu Youth Fund.
- (b) facilitate on-the-job training and skills development programmes for the EPWP beneficiary;
- (c) achieve the following minimum employment targets:
 - (i) 55% people between the ages of 18 and 35
 - (ii) 55% women;
 - (iii) 2% people with disabilities.
- (d) brief EPWP beneficiary on the conditions of employment as specified in sub clause SL 04.09 above;
- (e) enter into a contract with each EPWP beneficiary, which contract will form part of the Employment Agreement;
- (f) allow EPWP beneficiary the opportunity to attend life skills training through DOL. This shall be arranged at the beginning of the contract;
- (g) ensure that payments to EPWP beneficiary are made as set out in sub clauses SL 04.14 and SL 04.15 above.
- (h) set up of personal profile files as prescribed by EPWP beneficiary and as set out in sub clause SL 04.13 above.
- (i) in addition to (h)
 - a copy of the I.D;
 - qualifications;
 - career progress;
 - EPWP Employment Agreement, and
 - list of small trade tools;
 must be included in the EPWP beneficiary's personal profile file.

SL 07 TRAINING OF EPWP BENEFICIARY

Three types of training are applicable, namely

- Life skills;

- On the job training and
- Technical Skills training.

Training will be implemented by training instructors accredited by DOL and/or CETA :

- EPWP beneficiary shall be employed on the projects for an average of 6 months.
- EPWP beneficiary shall be deployed on projects in the vicinity of their homes. The same arrangements as for other workers regarding accommodation, subsistence and travel shall be applicable to EPWP beneficiary.

(a) Life skills training

All EPWP beneficiary are entitled to undergo life skills training. Training of this module will be flexible enough to meet the needs of the employer. Training should take place immediately after site hand-over and during the period of site establishment and pre-planning before actual construction starts, alternatively this will be spread over the duration of the contract period. The contractor will be required to work closely with the person to schedule the training sessions so that the timing of the training is aligned with the contractors work schedule and his demand for workers.

(b) On-the job training

The Employer shall provide EPWP beneficiary with on-the-job training to enable them to fulfil their employment requirements. The employer shall also be expected to closely monitor the job performance of EPWP beneficiary and shall identify potential EPWP beneficiary for skills development programmes.

(c) Technical skills training

The Employer shall assist in identifying EPWP beneficiary for further training. These EPWP beneficiary will undergo further technical training to prepare them for opportunities as semi-skilled labourers.

Such training will comprise of an off-site theoretical component and practical training on-site. The contractor will be responsible for on-site practical work under his supervision. EPWP beneficiary who graduate from the first phase of the training programme will be identified and given opportunities to register for skills development programmes. These can ultimately result in a accredited qualification. The programme will consist of theoretical instruction away from the construction site as well as on-site practical work under the supervision of the employer. Candidates will be entitled to employment to complete all training modules.

SL 08 BENEFICIARY (EPWP BENEFICIARY) SELECTION CRITERIA

SL 08.01 PREAMBLE

The *Code of Good Practise for Employment and Conditions of Work for Expanded Public Works Programmes* encourages:

- optimal use of locally-based labour in a Expanded Public Works Programme (EPWP);
- a focus on targeted groups which consist of namely youth, consisting of women, female-headed households, disabled and households coping with HIV/AIDS; and
- the empowerment of individuals and communities engaged in a SPWP through the provision of training.

SL 08.02 BENEFICIARY (EPWP BENEFICIARY) SELECTION CRITERIA

- (a) The EPWP beneficiary of the programmes should preferably be non-working individuals from the most vulnerable sections of disadvantaged communities who do not receive any social security pension income. The local community must, through all structures available, be informed of and consulted about the establishment of any EPWP
- (b) In order to spread the benefit as broadly as possible in the community, a maximum of one person per household should be employed, taking local circumstances into account.
- (c) Skilled artisans from other areas may be employed if they have skills that are required for a project and there are not enough persons in the local communities who have those skills or who could undergo appropriate skills training. However, this should not result in more than 20% of persons working on a programme not being from local communities.
- (d) Programmes should set participation targets for employment with respect to youth, single male- and female-headed households, women, people with disabilities, households coping with HIV/AIDS, people who have never worked, and those in long-term unemployment.
- (e) The proposed targets as set out in sub clause SL 06 (c)
 - 55% youth from 18 to 35 years of age;
 - 55% women;
 - 2% disabled.

SL 09 CONTRACTUAL OBLIGATIONS IN RELATION TO YOUTH LABOUR

The EPWP beneficiary to be employed in the programme (EPWP) shall be directly contracted to the employer. Over and above the construction and project management responsibilities, the employer will be expected to perform the tasks and responsibilities as set out in clause SL 05 above.

SL 10 PROVINCIAL RATES OF PAY

It is stipulated that youth workers on the EPWP receive a minimum of R 1 000 per month whilst working and R 600 per month whilst on training in ALL provinces. Should EPWP beneficiary be attending training whilst employed by the contractor, the contractor will still be responsible for payment to the EPWP beneficiary whilst at training.

SL 11 MEASUREMENTS AND PAYMENT

The number of EPWP beneficiary specified for this contract that will receive life skills training is 50 and technical training is 50

**SL 11.01 PAYMENT FOR TRAINING OF EPWP BENEFICIARY
(TARGET:- 50 EPWP BENEFICIARY)**

SL 11.01.01 Skills development and Technical training for EPWP beneficiary for an average of 10 days(Prov.Sum).....Unit: R/EPWP beneficiary

The above item is only applicable if DoL does not fund the Technical Training PRIOR to site handover.

**SL 11.01.02 Penalty due to not meeting the target as in SL 11.01.01.....Unit: EPWP beneficiary
LESS R 2000 per EPWP beneficiary**

SL 11.02 PAYMENT FOR TRAVELLING AND ACCOMMODATION DURING OFF-SITE TRAINING

SL 11.02.01 Life skills training for 26 days:

- 01 Travelling (based on 50 km/EPWP beneficiary)Unit: km
- 02 Accommodation.....(Prov.Sum).....Unit: R/EPWP beneficiary
- 03 Profit and attendance..... Unit: %

SL 11.02.02 Skilled development and Technical training:

- 01 Travelling (based on 50 km/EPWP beneficiary).....Unit: km
- 02 Accommodation.....(Prov.Sum).....Unit: R/EPWP beneficiary
- 03 Profit and attendance Unit: %

The units of measurement for sub items SL 11.02.01 (01) and SL 11.02.02 (01) above shall be the distance travelled in km by the EPWP beneficiary trained off site. The tendered rate shall include full compensation to safely transport the youth workers to and from the training venue/s.

The unit of measurement for sub items SL 11.02.01 (02) and SL 11.02.02 (02) above shall be the amounts in Rand expended for accommodation and daily meal allowances for the EPWP beneficiary trained off site that must be arranged by the contractor. Amounts quoted shall be corrected according to re-measurement based on actual invoices.

The tendered percentages under sub items SL 11.02.01 (03) and SL 11.02.02 (03) will be paid to the contractor on the value of each payment pertaining to the accommodation and advance meal allowances to cover his expenses in this regard.

SL 11.03 ALTERNATIVE WORKERS FOR THE PERIOD OF OFF-SITE TRAINING

- SL 11.03.01** Life skills training for 26 days Unit: worker-days
- SL 11.03.02** Skilled development and Technical training for EPWP beneficiary for (.....) days..... Unit: worker-days

The unit of measurement shall be the number of EPWP beneficiary replaced while in training multiplied by the number of days absent from the site.

The rates tendered shall include full compensation for additional replacement labour during periods of off-site training.

SL 11.04 EMPLOYMENT OF EPWP BENEFICIARY

- SL 11.04.01** Employment of EPWP beneficiary.....(Prov.Sum)¹/₄.Unit: R/ worker-month
- SL 11.04.02** Employment of EPWP beneficiary.....(Prov.Sum)¹/₄.Unit: R/ worker-month

The unit of measurement shall be the number of EPWP beneficiary at the statutory labour rates of R multiplied by the period employed in months and the rate tendered shall include full compensation for all costs associated with the employment of EPWP beneficiary and for complying with the conditions of contract. The cost for the training shall be excluded from this item. This item is based on 6 months appointment for EPWP beneficiary.

SL 11.05 PROVISION OF EPWP DESIGNED OVERALLS TO EPWP BENEFICIARY

- SL 11.05.01** Supply EPWP designed overalls to EPWP beneficiary (Prov.Sum).....Unit: R

EPWP beneficiary overalls should be orange (top and bottom) as per EPWP specification with the exception of Correctional Services contracts where the EPWP beneficiary top would be blue and the bottom orange.

SL 11.05.02 Profit and attendance..... Unit: %

An amount has been provided in the Schedule of Quantities under sub item SL 10.05.01 for the supply of EPWP designed overalls, as per the specification provided by the EPWP unit, arranged by the Service Provider. The Engineer will have sole authority to spend the amounts or part thereof. The tendered percentage under sub items SL 10.05.02 will be paid to the contractor on the value of each payment pertaining to the supply of overalls to cover his expenses in this regard.

SL 11.06 **PROVISION OF SMALL TOOLS FOR EPWP BENEFICIARY**

SL 11.06.01 Provide all EPWP beneficiary with prescribed tools for their respective trades. Specification for the mentioned tools to be provided by the EPWP Service Provider. These tools will become the property of the EPWP beneficiary after the completion of the programme.....(Prov.Sum)....Unit: R 500-00 /youth worker

SL 11.06.02 Profit and attendance..... Unit: %

SL 11.07 **APPOINTMENT OF EPWP BENEFICIARY TEAM LEADER/S**

SL 11.07.01 Appointment of (____) EPWP beneficiary team leader/s for the duration of the contract.....(Prov.Sum)..... Unit: R / EPWP beneficiary team leader

The EPWP beneficiary Team Leader will act as CLO/PLO to facilitate the project work between the EPWP beneficiary and the contractor. Umsobumvu Youth Fund can assist with the sourcing of EPWP beneficiary Team Leader for employment by the contractor.

SL 11.08 **LIAISON WITH SERVICE PROVIDER**Unit: hours

The tendered rate shall include full compensation for the cost of liaising with the Service Provider and Social Facilitators on all issues regarding the works.

SCOPE OF WORKS IN RESPECT OF WORK RELATING TO THE EXTENDED PUBLIC WORKS PROGRAMME (EPWP)			
Project title:	UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE		
Project Code:	N/A	EPWP NO:	N/A

Introductory notes:

1. The works, or parts of the works will be constructed using labour-intensive methods only in terms of this specification. The use of plant to provide such works, other than plant specifically provided for in the scope of work, is a variation to the contract. The items marked with the letters **LI** are not necessarily an exhaustive list of all the activities which must be done by hand, and this clause does not over-ride any of the requirements in the generic labour intensive specification in the Scope of Works.
2. Payment for items which are designated to be constructed labour-intensively (either in this schedule or in the Scope of Works) will not be made unless they are constructed using labour-intensive methods. Any unauthorised use of plant to carry out work which was to be done labour-intensively will not be condoned and any works so constructed will not be certified for payment.

DESCRIPTION OF THE WORKS

Employer's objectives

The employer's objectives are to deliver public infrastructure using labour-intensive methods in accordance with EPWP Guidelines.

Labour-intensive works

Labour-intensive works comprise the activities described in the Labour-Intensive Specification. Labour-intensive works shall be constructed/maintained using local workers who are temporarily employed in terms of the scope of work.

LABOUR-INTENSIVE COMPETENCIES OF SUPERVISORY AND MANAGEMENT STAFF

Contractors shall only engage supervisory and management staff in labour-intensive works that have completed the skills programme including Foremen/ Supervisors at NQF level 4 "National Certificate: Supervision of Civil Engineering Construction Processes" and Site Agent/ Manager at NQF level 5 "Manage Labour-Intensive Construction Processes" or equivalent QCTO qualifications (See Appendix C). at NQF outlined in Table 1. (See GUIDELINES FOR THE IMPLEMENTATION OF LABOUR-INTENSIVE INFRASTRUCTURE PROJECTS UNDER THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP) -THIRD EDITION 2015)

Emerging contractors shall have personally completed, or be registered on a skills programme for the NQF level 2 unit standard. All other site supervisory staff in the employ of emerging contractors must have completed, or be registered on a skills programme for the NQF level 2 unit standards or NQF level 4 unit standards. Table 1: Skills programme for supervisory and management staff.

Table 1: Skills programme for supervisory and management staff

Personnel	NQF level	Unit standard titles	Skills programme description
Team leader / supervisor	2	Apply Labour-Intensive Construction Systems and Techniques to Work Activities	This unit standard must be completed, and any one of these 3 unit standards
		Use Labour-Intensive Construction Methods to Construct and Maintain Roads and Storm water Drainage	
		Use Labour-Intensive Construction Methods to Construct and Maintain Water and Sanitation Services	

		Use Labour-Intensive Construction Methods to Construct, Repair and Maintain structures	
Personnel	NQF level	Unit standard titles	Skills programme description
Foreman/supervisor	4	Implement Labour-Intensive Construction Systems and Techniques	This unit standard must be completed, and any one of these 3 unit standards
		Use Labour-Intensive Construction Methods to Construct and Maintain Roads and Storm water Drainage	
		Use Labour-Intensive Construction Methods to Construct and Maintain Water an Sanitation Services	
		Use Labour-Intensive Construction Methods to Construct, Repair and Maintain structures	
Site Agent /Manager (i.e. the contractor's most senior representative that is resident on the site)	5	Manage Labour-Intensive Construction Processes	Skills Programme against this single unit standard
Details of these skills programmes may be obtained from the CETA ETQA manager (e-mail :gerard@ceta.co.za , tel: 011-265 5900)			

EMPLOYMENT OF UNSKILLED AND SEMI-SKILLED WORKERS IN LABOUR-INTENSIVE WORKS

- 1.1 Requirements for the sourcing and engagement of labour.
- 1.1.1 Unskilled and semi-skilled labour required for the execution of all labour-intensive works shall be engaged strictly in accordance with prevailing legislation and SANS 1914-5, Participation of Targeted Labour.
- 1.1.2 The rate of pay set for the SPWP per task or per day will be an acceptable rate determined by the Department of Labour.
- 1.1.3 Tasks established by the contractor must be such that:
- the average worker completes 5 tasks per week in 40 hours or less; and
 - the weakest worker completes 5 tasks per week in 55 hours or less.
- 1.1.4 The contractor must revise the time taken to complete a task whenever it is established that the time taken to complete a weekly task is not within the requirements of 1.1.3.
- 1.1.5 The Contractor shall, through all available community structures, inform the local community of the labour-
- where the head of the household has less than a primary school education;
 - that have less than one full time person earning an income;
 - where subsistence-agriculture is the source of income.
 - that who are not in receipt of any social security pension income
- 1.1.6 The Contractor shall endeavour to ensure that the expenditure on the employment of unskilled and semi-skilled workers is in the following proportions:
- 55% women;
 - 55% youth who are between the ages of 18 and 35; and
 - 2% on persons with disabilities.
- 1.2 Specific provisions pertaining to SANS 1914-5
- 1.2.1 Definitions
Targeted labour: Unemployed persons who are employed as local labour on the project.
- 1.2.2 Contract participation goals
- 1.2.2.1 There is no specified contract participation goal for the contract. The contract participation goal shall be measured in the performance of the contract to enable the employment provided to targeted labour to be quantified.
- 1.2.2.2 The wages and allowances used to calculate the contract participation goal shall, with respect to both time-rated and task rated workers, comprise all wages paid and any training allowance paid in respect of agreed training programmes.

- 1.2.3 Terms and conditions for the engagement of targeted labour
Further to the provisions of clause 3.3.2 of SANS 1914-5, written contracts shall be entered into with targeted labour.
- 1.2.4 Terms and conditions for the engagement of targeted labour
Further to the provisions of clause 3.3.2 of SANS 1914-5, written contracts shall be entered into with targeted labour.
- 1.2.5 Variations to SANS 1914-5
 - 1.2.5.1 The definition for net amount shall be amended as follows:
Financial value of the contract upon completion, exclusive of any value added tax or sales tax which the law requires the employer to pay the contractor.
 - 1.2.5.2 The schedule referred to in 5.2 shall in addition reflect the status of targeted labour as women, youth and persons with disabilities and the number of days of formal training provided to targeted labour.
- 1.3 Training of targeted labour
 - 1.3.1 The contractor shall provide all the necessary on-the-job training to targeted labour to enable such labour to master the basic work techniques required to undertake the work in accordance with the requirements of the contract in a manner that does not compromise worker health and safety.
 - 1.3.2 The cost of the formal training of targeted labour, will be funded by the local office of the Department of Labour. This training will take place as close to the project site as practically possible. The contractor must access this training by informing the relevant regional office of the Department of Labour in writing, within 14 days of being awarded the contract, of the likely number of persons that will undergo training and when such training is required. The Employer and the Department of Public Works (Fax: 012 3258625/ EPWP Unit, Private Bag X65, Pretoria 0001) must be furnished with a copy of this request.
 - 1.3.3 The contractor shall do nothing to dissuade targeted labour from participating in training programmes and shall take all reasonable steps to ensure that each beneficiary is provided with two days of formal training for every 22 days worked.
 - 1.3.4 An allowance equal to 100% of the task rate or daily rate shall be paid by the contractor to workers who attend formal training, in terms of the above.
 - 1.3.5 Proof of compliance with the above requirements must be provided by the Contractor to the Employer prior to submission of the final payment certificate.

GENERIC LABOUR-INTENSIVE SPECIFICATION

1 Scope

This specification establishes general requirements for activities which are to be executed by hand involving the following:

- a) trenches having a depth of less than 1.5 metres
- b) storm water drainage
- c) low-volume roads and sidewalks

2 Precedence

Where this specification is in conflict with any other standard or specification referred to in the Scope of Works to this Contract, the requirements of this specification shall prevail.

3 Hand excavateable material

Hand excavateable material is material:

a) Granular materials:

- i) whose consistency when profiled may in terms of table 1 be classified as very loose, loose, medium dense, or dense; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 15 blows of a dynamic cone penetrometer is required to penetrate 100mm;

b) Cohesive materials:

- i) whose consistency when profiled may in terms of table 1 be classified as very soft, soft, firm, stiff and stiff / very stiff; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 8 blows of a dynamic cone penetrometer is required to penetrate 100mm;

- Note:**
- 1) A boulder, a cobble and gravel is material with a particle size greater than 200mm, between 60 and 200mm.
 - 2) A dynamic cone penetrometer is an instrument used to measure the in-situ shear resistance of a soil comprising a drop weight of approximately 10 kg which falls through a height of 400mm and drives a cone having a maximum diameter of 20mm (cone angle of 60 degrees with respect to the horizontal) into the material being used.

Table 2: Consistency of materials when profiled

GRANULAR MATERIALS		COHESIVE MATERIALS	
CONSISTENCY	DESCRIPTION	CONSISTENCY	DESCRIPTION
Very loose	Crumbles very easily when scraped with a geological pick.	Very soft	Geological pick head can easily be pushed in as far as the shaft of the handle.
Loose	Small resistance to penetration by sharp end of a geological pick.	Soft	Easily dented by thumb; sharp end of a geological pick can be pushed in 30-40 mm; can be moulded by fingers with some pressure.
Medium dense	Considerable resistance to penetration by sharp end of a geological pick.	Firm	Indented by thumb with effort; sharp end of geological pick can be pushed in upto 10 mm; very difficult to mould with fingers; can just be penetrated with an ordinary hand spade.
Dense	Very high resistance to penetration by the sharp end of a geological pick; requires many blows for excavation.	stiff	Can be indented by thumb-nail; slight indentation produced by pushing geological pick point into soil; cannot be moulded by fingers.
Very dense	High resistance to repeated blows of a geological pick.	Very stiff	Indented by thumb-nail' with difficulty; slight indentation produced by blow of a geological pick point.

4 Trench excavation

All hand excavateable material in trenches having a depth of less than 1,5 metres shall be excavated by hand.

5 Compaction of backfilling to trenches (areas not subject to traffic)

Backfilling to trenches shall be placed in layers of thickness (before compaction) not exceeding 100mm. Each layer shall be compacted using hand stampers

- a) to 90% Proctor density;
- b) such that in excess of 5 blows of a dynamic cone penetrometer (DCP) is required to penetrate 100 mm of the backfill, provided that backfill does not comprise more than 10% gravel of size less than 10mm and contains no isolated boulders, or
- c) such that the density of the compacted trench backfill is not less than that of the surrounding undisturbed soil when tested comparatively with a DCP.

6 Excavation

All hand excavateable material including topsoil classified as hand excavateable shall be excavated by hand. Harder material may be loosened by mechanical means prior to excavation by hand.

The excavation of any material which presents the possibility of danger or injury to workers shall not be excavated by hand.

7 Clearing and grubbing

Grass and small bushes shall be cleared by hand.

8 Shaping

All shaping shall be undertaken by hand.

9 Loading

All loading shall be done by hand, regardless of the method of haulage.

10 Haul

Excavation material shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150 m.

11 Offloading

All material, however transported, is to be off-loaded by hand, unless tipper-trucks are utilised for haulage.

12 Spreading

All material shall be spread by hand.

13 Compaction

Small areas may be compacted by hand provided that the specified compaction is achieved.

14 Grassing

All grassing shall be undertaken by sprigging, sodding, or seeding by hand.

15 Stone pitching and rubble concrete masonry

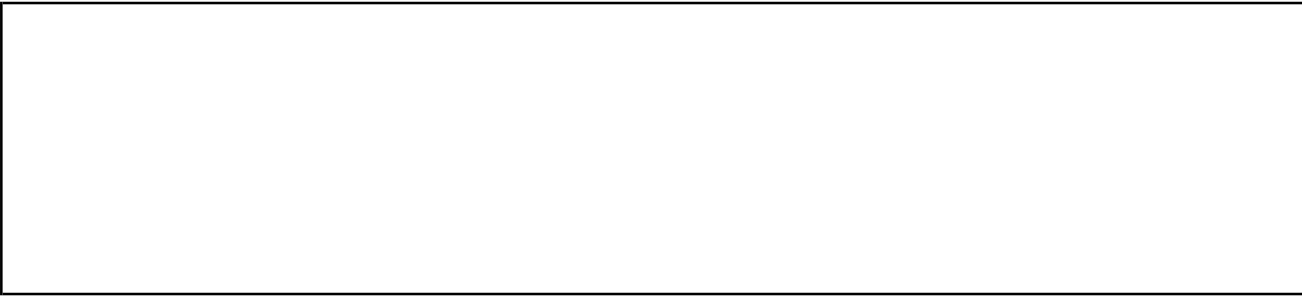
All stone required for stone pitching and rubble concrete masonry, whether grouted or dry, must be collected, loaded, off loaded and placed by hand.

Sand and stone shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

Grout shall be mixed and placed by hand.

16 Manufactured Elements

Elements manufactured or designed by the Contractor, such as manhole rings and cover slabs, precast concrete planks and pipes, masonry units and edge beams shall not individually, have a mass of more than 320kg. In addition, the items shall be large enough so that four workers can conveniently and simultaneously acquire a proper handhold on them.



(Insert Your Company Logo)

(This shall serve as the cover page on employment contracts for local labour)

EMPLOYMENT AGREEMENT

BETWEEN

[CONTRACTOR NAME].....

AND

[WORKER NAME].....

1. PARTIES

Contracting Party: _____

The Parties to this Agreement are -

1.1. Contractor: _____

herein represented by: _____

duly authorised thereto

And

1.2. Mr / Me: _____
[worker's name]

2. DEFINITIONS AND INTERPRETATION

2.1. In this Agreement and any Annexure thereto, unless inconsistent with or otherwise indicated by the context-

“Agreement” means the contents of this Agreement.

“Company” means the company that employs the worker

“Department” means the Department of Health

“Worker” is a person that performs a specific or necessary task or who completes tasks in a certain way

“EPWP” The Expanded Public Works Programme is a government programme aimed at the alleviation of poverty and unemployment. The programme ensures the full engagement on Labour Intensive Methods of Construction (LIC) to contractors for skills development. The EPWP focuses at reducing unemployment by increasing economic growth by means of improving skills levels through education and training and improving the enabling environment for the industry to flourish.

3. PURPOSE

The purpose of this agreement is to:-

Ensure that the agreement is binding to both the Worker and the Employer.

4. TERMS AND CONDITIONS

- The worker will have no entitlement to the benefits of a full time employee, namely;

- The worker should not have the expectation that this contract will be renewed or extended.
- The worker will be subject to all laws, rules, policies, codes and procedures applicable to the;

- The worker must meet the standards and requirements of the contractor
- The worker must render his/her services during normal working hours of minimum of forty to fifty five hours in any week; which comprise of an eight-hour working day in a five-day week.

5. REMUNERATION

The worker will receive compensation to the amount of R_____00 which must be paid by the 25th or on the last day of each month.

6. ROLES AND RESPONSIBILITIES

6.1 Employer / Worker

- Work for _____ in terms of the period as specified in the employment agreement contract.
- Be available for and participate in all learning and work experience required by the company.
- Comply with workplace policies and procedures.
- Complete any attendance or any written assessment tools supplied by the contractor to record relevant workplace experience.
- Demonstrate willingness to grow and learn through work experience.

Provide the following documentation to the employer,

- Certified identity document not longer than 3 months
- ID size photos
- Sign employment contract

6.2 Employer

- Employ the worker for a period specified in the agreement.
- Provide the worker with appropriate work based experience in the work environment.
- Facilitate payments of wages / stipends.
- Keep accurate records of workers.
- Where a worker/ learner is disabled, the employer will have to provide in the additional needs e.g. special materials, learning aids and in some cases physical or professional support (such aids remain the property of the employer).
- Keep up to date records of learning and discuss progress with the intern on a regular basis.
- Apply fair disciplinary, grievance and dispute resolution procedures to the worker.
- Prepare an orientation/ induction course to introduce worker/ learner to the workplace and specific workplace requirements.
- Ensure the daily attendance register is signed by the worker.

7. DURATION.

This agreement commences on:

and

expires on:

8. BREACH.

If either party commits any breach of the terms of this contract (and fails to rectify it within 30 days of receipt of a written notice calling it to do so, then) the other party shall be entitled to terminate the contract or to claim specific performance without prejudice to any of its other legal rights, including its rights to claim damages.

9. CONDITIONS OF EMPLOYMENT

9.1. Meal Breaks

9.1.1 A worker may not work for more than five hours without taking a meal break of at least thirty minutes duration.

9.1.2 An employer and worker may agree on longer meal breaks.

9.1.3 A worker may not work during a meal break. However, an employer may require a worker to perform duties during a meal break if those duties cannot be left unattended and cannot be performed by another worker. An employer must take reasonable steps to ensure that a worker is relieved of his or her duties during the meal break.

9.1.4 A worker is not entitled to payment for the period of a meal break. However, a worker who is paid on the basis of time worked must be paid if the worker is required to work or to be available for work during the meal break.

9.2. Special Conditions for Security Guards (Only applicable to security Guards)

9.2.1 A security guard may work up to 55 hours per week and up to eleven hours per day.

9.2.2 A security guard who works more than ten hours per day must have a meal break of at least one hour or two breaks of at least 30 minutes each.

9.3. Weekly Rest Period

Every worker must have two days off every week. A worker may only work on their day off to perform work which must be done without delay and cannot be performed by workers during their ordinary hours of work ("emergency work").

9.4. Work on Sundays and Public Holidays

9.4.1 A worker may only work on a Sunday or public holiday to perform emergency or security work.

9.4.2 Work on Sundays is paid at the ordinary rate of pay.

9.4.3 A task-rated worker who works on a public holiday must be paid;

- (a) the worker's daily task rate, if the worker works for less than four hours;
- (b) double the worker's daily task rate, if the worker works for more than four hours.

9.4.4 A time-rated worker who works on a public holiday must be paid

- (a) the worker's daily rate of pay, if the worker works for less than four hours on the public holiday;
- (b) double the worker's daily rate of pay, if the worker works for more than four hours on the public holiday.

9.5 Sick leave

9.5.1 Only workers who work more than 24 hours per month have the right to claim sick-pay in terms of this clause.

9.5.2 A worker who is unable to work on account of illness or injury is entitled to claim one day's paid sick leave for every full month that the worker has worked in terms of a contract.

9.5.3 A worker may accumulate a maximum of twelve days' sick leave in a year.

9.5.4 Accumulated sick-leave may not be transferred from one contract to another contract.

9.5.5 An employer must pay a task-rated worker the worker's daily task rate for a day's sick leave.

9.5.6 An employer must pay a time-rated worker the worker's daily rate of pay for a day's sick leave.

9.5.7 An employer must pay a worker sick pay on the worker's usual payday.

9.5.8 Before paying sick-pay, an employer may require a worker to produce a certificate stating that the worker was unable to work on account of sickness or injury if the worker is

- (a) absent from work for more than two consecutive days; or
- (b) absent from work on more than two occasions in any eight-week period.

9.5.9 A medical certificate must be issued and signed by a medical practitioner, a qualified nurse or a clinic staff member authorised to issue medical certificates indicating the duration and reason for incapacity.

9.5.10 A worker is not entitled to paid sick-leave for a work-related injury or occupational disease for which the worker can claim compensation under the Compensation for Occupational Injuries and Diseases Act.

9.6. Maternity Leave

9.6.1 A worker may take up to four consecutive months' unpaid maternity leave.

9.6.2 A worker is not entitled to any payment or employment-related benefits during maternity leave.

9.6.3 A worker must give her employer reasonable notice of when she will start maternity leave and when she will return to work.

9.6.4 A worker is not required to take the full period of maternity leave. However, a worker may not work for four weeks before the expected date of birth of her child or for six weeks after the birth of her child, unless a medical practitioner, midwife or qualified nurse certifies that she is fit to do so.

9.6.5 A worker may begin maternity leave as follows;

- (a) four weeks before the expected date of birth; or
- (b) on an earlier date

(i) if a medical practitioner, midwife or certified nurse certifies that it is necessary for the health of the worker or that of her unborn child; or

(ii) if agreed to between employer and worker; or

(c) on a later date, if a medical practitioner, midwife or certified nurse has certified that the worker is able to continue to work without endangering her health.

10.6 A worker who has a miscarriage during the third trimester of pregnancy or bears a stillborn child may take maternity leave for up to six weeks after the miscarriage or stillbirth.

9.7. Family responsibility leave

9.7.1 Workers, who work for at least four days per week, are entitled to three days paid family responsibility leave each year in the following circumstances;

(a) when the employee's child is born;

(b) when the employee's child is sick;

(c) in the event of a death of

(i) the employee's spouse or life partner;

(ii) the employee's parent, adoptive parent, grandparent, child, adopted child, grandchild or sibling.

9.8. Keeping Records

9.8.1 Every employer must keep a written record on site for the duration of the project and three (3) year after completion records should consists of at least the following;

(a) the worker's name and position;

(b) copy of an acceptable worker identification

(c) in the case of a task-rated worker the number of tasks completed by the worker;

(d) in the case of a time-rated worker, the time worked by the worker;

(e) payments made to each worker in a form of Proof of Payment, Payroll registers and the acknowledgement of payment receipt signed by the worker.

9.8.2 The employer must keep this record for a period of at least three years after the completion of the EPWP.

9.9. Payment

9.9.1 An employer must pay all wages at least monthly in cash or by cheque or into a bank account.

9.9.2 A worker may not be paid less than the Ministerial Determination wage rate.

9.9.3 A task-rated worker will only be paid for tasks that have been completed.

9.9.4 An employer must pay a task-rated worker within five weeks of the work being completed and the work having been approved by the manager or the contractor having submitted an invoice to the employer.

9.9.5 A time-rated worker will be paid at the end of each month.

9.9.6 Payment must be made in cash, by cheque or by direct deposit into a bank account designated by the worker.

9.9.7 Payment in cash or by cheque must take place

- (a) at the workplace or at a place agreed to by the worker;
- (b) during the worker's working hours or within fifteen minutes of the start or finish of work;
- (c) in a sealed envelope which becomes the property of the worker.

9.9.8 An employer must give a worker the following information in writing

- (a) the period for which payment is made;
- (b) the numbers of tasks completed or hours worked;
- (c) the worker's earnings;
- (d) any money deducted from the payment;
- (e) the actual amount paid to the worker.

9.9.9 If the worker is paid in cash or by cheque, this information must be recorded on the envelope and the worker must acknowledge receipt of payment by signing for it.

9.9.10 If a worker's employment is terminated, the employer must pay all monies owing to that worker within one month of the termination of employment.

9.10. Inclement weather

If no work has begun on site, and if an employee has reported for work, the employee will be paid for four hours. Should work be stopped after the first four hours, the employee will be paid for the hours worked. Where the employer has given employees notice on the previous working day that no work will be available due to inclement weather, then no payment will be made.

9.11. Deductions

9.11.1 An employer may not deduct money from a worker's payment unless the deduction is required in terms of a law.

9.11.2 An employer must deduct and pay to the SA Revenue Services any income tax that the worker is required to pay.

9.11.3 An employer who deducts money from a worker's pay for payment to another person must pay the money to that person within the time period and other requirements specified in the agreement of Law; court order or arbitration

9.11.4 It is the responsibility of the employers to arrange for all persons employed on a Project to be covered in terms of the Unemployment Insurance Fund Contributions Act, 2002 (Act No. 4 of 2002)

9.11.5 An employer may not require or allow a worker to

- (a) repay any payment except an overpayment previously made by the employer by mistake;

- (b) state that the worker received a greater amount of money than the employer actually paid to the worker; or
- (c) pay the employer or any other person for having been employed.

9.12. Health and Safety

9.12.1 Employers must take all reasonable steps to ensure that the working environment is healthy and safe.

9.12.2 A worker must;

- (a) work in a way that does not endanger his/her health and safety or that of any other person;
- (b) obey any health and safety instruction;
- (c) use any personal protective equipment or clothing issued by the employer;
- (d) report any accident, near-miss incident or dangerous behaviour by another person to their employer or manager.

9.13. Compensation for Injuries and Diseases

9.13.1 It is the responsibility of the employers to arrange for all persons employed on a Project to be covered in terms of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993 as amended by COIDA Act 61, 1997.

9.13.2 A worker must report any work-related injury or occupational disease to their employer or manager.

9.13.3 The employer must report the accident or disease to the Compensation Commissioner.

9.13.4 An employer must pay a worker who is unable to work because of an injury caused by an accident at work 75% of their earnings for up to three months. The employer will be refunded this amount by the Compensation Commissioner. This does NOT apply to injuries caused by accidents outside the workplace such as road accidents or accidents at home.

9.14. Termination

9.14.1 The employer may terminate the employment of a worker for good cause after following a fair procedure.

9.14.2 A worker will not receive severance pay on termination.

9.14.3 A worker is not required to give notice to terminate employment. However, a worker who wishes to resign should advise the employer in advance to allow the employer to find a replacement.

9.14.4 A worker **who is absent for more than three consecutive days** without informing the employer of an intention to return to work will have terminated the contract. However, the worker may be re-engaged if a position becomes available.

9.14.5 A worker who does not attend required training events, without good reason, will have terminated the contract. However, the worker may be re-engaged if a position becomes available.

Notice procedure is as follows;

- One week if employed for four weeks or less
- Two weeks if employed for more than four weeks but not more than a year
- Four weeks if employed for one (1) year or more

9.15. Certificate of Service

9.15.1 On termination of employment, a worker is entitled to a certificate stating;

- (a) the worker's full name;
- (b) the name and address of the employer;
- (c) the Project on which the worker worked; the work performed by the worker;
- (d) any training received by the worker;
- (e) the period for which the worker worked on the Project; and
- (f) any other information agreed on by the employer and worker.

9.16. DOMICILE

The address to which notices and all legal documents may be delivered or served are as follows:

Employee Details

Name & Surname: _____

ID No: _____

Residential Address: _____

Contact No: _____

Date of Employment: _____

To be supervised by:	Main Contractor:	<input type="text"/>
	or Sub Contractor:	<input type="text"/>
Category of employment:	Skilled:	<input type="text"/>
	Semi-skilled:	<input type="text"/>
	Unskilled:	<input type="text"/>

For Skilled & Semi-skilled state the trade: _____

Period of employment: Fixed for until when your services are still required on site

I confirm that I have been inducted and fully understand the condition of my appointment.

Employee Signature: _____

Witness by SGB/CLO: _____

Signature by Witness: _____

Employer Details

Name & Surname: _____

Designation: _____

Contact No: _____ Signature: _____

The Attendance Register for on-site Workers

Reporting month: _____

Cell No: _____

Surname: _____

First Name: _____

Project Name: **UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE**

Project Code: **N/A**

Tender No **ZNB 5641/2023-H**

IDENTITY NUMBER: _____

Day	Date	Time In	Signature	Time Out	Signature	Report On Any Formal Training Provided In The Reporting Month
WEEK 1						
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
WEEK 2						
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
WEEK 3						
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
WEEK 4						
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
WEEK 5						
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
Total Days worked						

BUSINESS PLAN

Reference No	
Profile ID	
Project Name	
Project Details	
Project Name	
Project Reference Number	
Project description	
Project Start Date	
Project End Date	
Estimated Budget	
Project Location	
Province	
District/Metro Municipality	
Local Municipality/Metro Region	
Latitude (in decimal format)	
Longitude (in decimal format)	
Public Body Details	
Public body sphere	
Reporting public body that is the project owner (and will report on the project)	
Implementing public body type	
Public body that will implement the project	
IDP reference number allocated to the project	
EPWP Details	
EPWP Sector	
EPWP Program	
EPWP Sub programme	
Budget Amount	
April 2014/March 2015	
April 2015/March 2016	
Total Budget Amount	
Wages	
UIF	
COIDA	
Training	
Administration	
Equipment and materials	
Other	
Describe other	
Output	
Despcription	
Target Quantity	
Number of persons to be trained	
Contact person	
Title	
Initials	
First Name	
Surname	
Email	
Tel (Office)	
Fax Number	
Cell Number	
Physical Address 1	
Physical Address 2	
Physical Address 3	
Physical Address 4	
Postal Address 1	
Postal Address 2	
Postal Address 3	
Postal Address 4	

Name of Contractor: _____

Project Code: N/A

Name of Project: **UMKHANYAKUDE DISTRICT - MTUBATUBA - CONSTRUCTION OF NEW COMMUNITY HEALTH CENTRE**

Reporting month: _____

Training														
No	Name	Surname	ID No.	Job description	Course Name	Was training Accredited or Non - accredited by a relevant SETA	Start date on current month	End date on current month	Training Days Paid	Training Days Not Paid	Total Number of Training Days	Cost per trainee	Is training complete or on - going	Name of Training Provider
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														

Contractor sign: _____

DPW Official/Consultant sign: _____

EPWP Official sign: _____

Designation: _____

Designation: _____

Designation: _____

Date: _____

Date: _____

Date: _____

Contact no: _____

Contact no: _____

Contact no: _____

Location	
Locality Name	
Municipality	Mtubatuba
Subplace	Mtubatuba
Ward	
Government Facility	Mtubatuba Community Health Centre
Latitude	
Longitude	
Physical Address/Location	Co-ordinates 28°24'13.12"S; 32°11'11.11"E, Mtubatuba

Please do a print preview before printing.

Contracting Party: _____



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

DIRECTORATE:


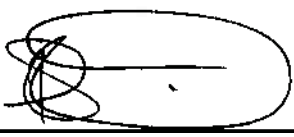
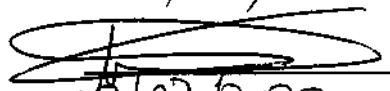
**INFRASTRUCTURE
PIETERMARITZBURG HUB**

Postal Address: Private Bag X9051, Pietermaritzburg, 3200
Physical Address: Block 1, Townhill Office Park, Townhill hospital, 35 Hyslop Road, Pietermaritzburg
Tel: 033 940 2558 Email address: deon.vanwyk@kznhealth.gov.za
www.kznhealth.gov.za

**CLINICAL BRIEF AND OPERATIONAL NARRATIVE,
AND PROJECT TECHNICAL BRIEF**

MTUBATUBA COMMUNITY HEALTH CENTRE

PROPOSED NEW COMMUNITY HEALTH CENTRE

Drafted by:	MR. D. VAN WYK Control Architectural Technologist Pietermaritzburg Infrastructure Hub	Signed: <u>P.P. </u> Date: <u>26/06/2023</u>
Recommended by:	MR. R. POTSANE Acting Director: Pietermaritzburg Infrastructure Hub	Signed: <u></u> Date: <u>2023/06/26</u>
Approved by:	MR S T MHLONGO Acting Chief Director: Infrastructure Development	Signed: <u></u> Date: <u>13/07/2023</u>

Document Control

Revision Number	Date	Initials
Draft 1	23 May 2023	DWW

Purpose of this document

The purpose of this document is to define the level of services that will be provided at the proposed new Mtubatuba Community Health Centre. It outlines the operational, functional and the physical requirements for the building and engineering services. The objective is to provide the design team with adequate information to produce concept, detail design and implement the project.

This document is separated into:

- A. A strategic analysis investigates the current services and the need of the proposed new Mtubatuba CHC. In determining the need for the unit, the current epidemiological situation in the community and current utilisation of the services are investigated.
- B. A clinical brief providing an outline of the services to be offered in the proposed new Mtubatuba Community Health Centre.
- C. An operational narrative which provides guidance for the planning and design of the replacement facility and the required resources.

Acronyms

AIDS	Acquired Immune Deficiency Syndrome
BSC	Bid Specification Committee
BEC	Bid Evaluation Committee
BAC	Bid Adjudication Committee
CVD	Cerebrovascular Disease
CHC	Community Health Centre
DPME	Department Of Planning, Monitoring And Evaluation
DM	Diabetes Mellitus
DHIS	District Health Information System
FIDPM	Framework for Infrastructure Delivery and Procurement Management
GVA	Gross Value Added
HP	High Pressure
MLM	Medico Legal Mortuary
HFRG	Health Facility Revitalisation Grant
HIAC	Health Infrastructure Approval Committee
HIV	Human Immunodeficiency Virus
HTH	Hypertensive Heart Disease
HIS	Hospital Information System
HH	Households
HVAC	Heating, Ventilation, and Air Conditioning
IHRM-F	Ideal Hospital Realisation and Maintenance Framework
ISH	Ischaemic Heart Disease
IPV	Interpersonal Violence
IUSS	Infrastructure Unit Support Systems
IDMS	Infrastructure Delivery Management System
IEQ	Indoor Environment Quality
IPC	Infection Prevention Control
IPMP	Infrastructure Programme Management Plan
KZN	Kwazulu-Natal
LI	Labour Intensive
LP	Low Pressure
LV	Low Voltage
MDG	Millennium Development Goals
MTSF	Medium Term Strategic Framework

MEC	Member of the Executive Council
NDP	National Development Plan
NDOH	National Department Of Health
NHLS	National Health Laboratory Services
OOM	Order of Magnitude
OHSC	Office of Standards Compliance
PAS	Patient Administration System
PACS	Picture Archiving And Communication System
PSP	Professional Service Provider
PG	Procurement Gate
RIS	Radiology Information System
SPLUMA	Spatial Planning and Land Use Management Act
SDG	Sustainable Development Goals
SCM	Supply Chain Management
TB	Tuberculosis
UPS	Uninterrupted Power Supply
YLL	Years of Life Lost

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EXECUTIVE SUMMARY

The proposed new Mtubatuba CHC will provide much needed health care services in uMkhanyakude Health District.

This project will aim to provide a salutogenic and fully compliant state of the art community health centre which will contribute to KZN-DOH achieving improved management of health care services. Furthermore, this facility will increase the value of the Department of Health's Infrastructure.

The projected milestones are as follows:

Professional Milestones	FIDPM	Milestone	Date	% Project Complete
		PROJECT START DATE	01/01/2023 – 28/02/2023	0%
Stage 1	Stage 1	PRE-FEASIBILITY	31/01/2023 - 28/02/2023	3%
Procurement		AWARD (PSP)	FEASIBILITY	31/03/2023
Stage 2	Stage 2	DESIGN	31/05/2024	30%
Stage 3	Stage 3	TENDER	30/11/2023	40%
Stage 4	Stage 4	CONSTRUCTION	01/12/2023-30 Nov 2026	81%
Procurement		Construction 0 - 25%	01/12/2023	51%
Stage 5	Stage 5	Construction 26 - 50%	01/09/2024	61%
		Construction 51 - 75%	01/06/2025	70%
		Construction 76 - 100%	30/04/2026	81%
		PRACTICAL COMPLETION	01/05/2026	81%
		HANDED OVER	01/07/2026	84%
		WORKS COMPLETION	01/09/2026	91%
	Stage 6	FINAL COMPLETION	31/08/2027	96%
Stage 6	Stage 7	Close-out	31/12/2027	100%

The project will be financed from the Health Facility Revitalisation Grant and is expected to cost approximately R 309 511 428.19 including VAT (Including Operational Cost and Health Technology and Commissioning).

PART A – PROJECT CHARTER

1. PROJECT NAME

Mtubatuba Community Health Centre: Proposed New Community Health Centre

2. THE FACILITY

- Facility Name: Mtubatuba Community Health Centre
- Facility Number: New facility – Number to be confirmed
- Facility Type: Community Health Centre
- Facility Owner: Ingonyama Trust – Trustees
 - Deeds Description: Portion of the Farm Lot 58, Umfolozi No. 15939
 - Title Deed Number: Not currently available

3. LOCATION

The proposed new Mtubatuba Community Health is situated in Mtubatuba Town at R618 Road and is in close proximity of the Mtubatuba Local Municipality. Mtubatuba is in the uMkhanyakude Health District.

- Province: Kwazulu-Natal
- District Municipality: uMkhanyakude
- Local Municipality: Mtubatuba
- Ward:
- Cadastral description: Portion of the Farm Lot 58, Umfolozi No. 15939
 - Latitude: -28.409018
 - Longitude: 32.186300
- Street address (or directions): R618, Mtubatuba.
- Postal address: New facility – Postal address to be confirmed
- Telephone number: New facility – Telephone number to be confirmed

Map 1: Proposed location of new Mtubatuba Community Health Centre

Source: Google Maps



4. THE PROJECT DETAILS

Project Name:	Mtubatuba CHC – Construction of New CHC
KZN-DOH Project Number:	New CHC
Project Code:	
Project Details / Scope:	The project entails the construction of a new CHC in Mtubatuba
Project Type:	PHC – Community Health Care
Budget Programme Number:	Programme 8
Budget Programme Name:	Health Facilities Management
Sub-programme:	8.1 Community Health Facilities
Infrastructure Programme Name:	N/A
Nature of Investment:	New or replaced Infrastructure
Nature of Investment Sub-Status:	New assets

5. OVERSIGHT TEAM

- Provincial Champion Mr. S.T. Mhlongo (Acting Chief Director Infrastructure Development)
- Provincial Power User Ms. M. de Goede (Director: Planning)
- Facility Management
 - Management: Mr. J. Mndebele (Chief Director: District Health Services)
Dr T. Moji (DDG: District Health Services)
 - UMkhanyakude District: Ms. M. P. Themba
 - IT Services: Dr L. L. V. Magaqa
 - Security Services: Major General Dladla
 - Infection Prevention Control (IPC): Mrs. K. Khumalo (Director: IPC)

6. MEASURABLE OBJECTIVES AND SUCCESS CRITERIA

The success criteria will be that the project will assist the Department to address the delays experienced in the provision of Primary Healthcare Services.

The Measurable objectives will be:

- To build a new fully resourced Community Health Centre (CHC).
- To enhance uMkhanyakude district CHC services.
- To ensure compliance National Code of Guidelines for Community Health Centres.
- To ensure that the environment is conducive in terms of OHS for staff working at the facility and to ensure dignity and privacy for public utilising the facility.
- To ensure that the dignity and the rights of the deceased are maintained.
- Deliver the project in time, on budget and compliant to specifications

7. HIGH-LEVEL SCOPE AND BOUNDARIES

The scope of the project is to construct a new Community Health Centre (CHC) in the uMkhanyakude District which will be supported by administrative and support areas and with security, access roads, pathways and parking.

8. HIGH-LEVEL RISKS

The risks that carry the highest impact include the continued delays of service delivery. Furthermore, the high cost of construction is of concern and may impact the future of the project.

9. SUMMARY MILESTONE SCHEDULE

Initiation and planning	01 months
Design and procurement	06 months
Construction	36 months
Hand Over	02 months
Retention and Close Out	12 months
Total project duration	57 months

10. SUMMARY BUDGET

The project will be financed from the Health Facility Revitalisation Grant and is expected to cost R 309 511 428.19 including VAT (Including Operational Cost and Health Technology and Commissioning).

11. STAKEHOLDERS

The following stakeholders have been identified and is further defined under item 4.1.6.1 below

- National Department of Health
- Provincial Department of Health
- uMkhanyakude District
- Mtubatuba Community
- Mtubatuba Local Authority
- South African Police Service (SAPS)

12. PROJECT APPROVAL REQUIREMENTS

The project will be implemented utilising the Infrastructure Delivery Management System (IDMS) and the Framework for Infrastructure Delivery and Procurement Management (FIDPM).

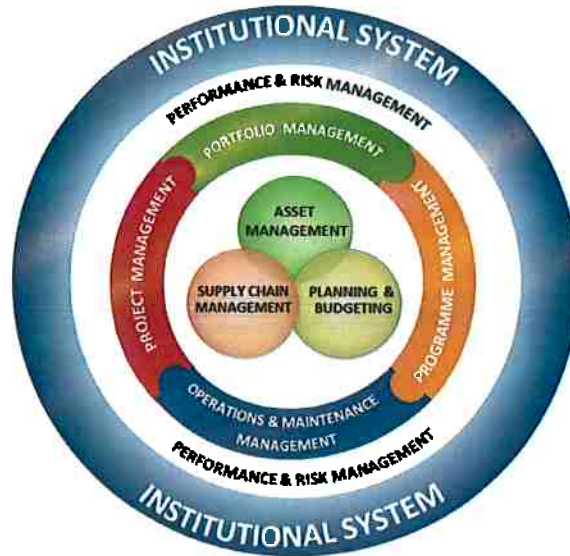


Figure 1: IDMS

Responding to the FIDPM, the approval process will be managed through the Health Infrastructure Approval Committee (HIAC) as spelled out in the Policy and Procedure document.

Furthermore, the following approvals have been identified:

- (i) Spatial Planning and Land Use Management Act (SPLUMA)

13. ASSIGNED PROJECT MANAGER

The Project Manager has been identified by KZN Department of Health as Mr. D.P. van Wyk.

14. NAME AND AUTHORITY OF SPONSOR

District Health Services: DDG: Dr. T.D. Moji

15. SUMMARY OF THE PROJECT

Name	Mtubatuba Community Health Centre
District Name	uMkhanyakude District
Local authority	Mtubatuba
Population served	689,091
Projected overall project cost (all components)	R 309 511 428.19 Inclusive of VAT
Estimated cost breakdown	
Construction cost	R 286 954 135.00
Fees	R 8 422 400.00
Health Technology	R 19 357 293.19
Commissioning	R 3 200 000.00
Estimation of project timelines	
Brief and Operational narrative	28/02/2023 – 31/01/2023
Planning and design	31/05/2024
Construction and retention	01/12/2023 – 31/08/2027
Hand over and close out	01/07/2026 – 31/12/2027
Estimation of annual infrastructure maintenance	R 13 706 254.10 @ 5% of facility value.
Estimation of annual health technology maintenance	R 967 864.66 @ 5% of equipment value.
Estimation of annual operational budget	R 134 797 901.75

PART B - CLINICAL SERVICES BRIEF

1. INTRODUCTION

The Department has embarked upon the Rationalization of Health facilities in order to maximize services at the appropriate levels of service delivery in accordance with the classification of the health facilities. This will improve the quality of services, access to services and contribute to the overall health and wellbeing of the communities we serve.

The Department's aim was to maintain the gains already made and further focus on interventions to accelerate health system effectiveness and further improve health outcomes and public satisfaction.

With improved leadership and clinical governance, the Department will do this by ensuring that it will robustly monitor implementation of the Turn-Around Strategy to inter alia, improve audit outcomes; improve financial and supply chain management and human resource management services; rationalize hospital services to improve efficiencies and equitable access to clinical services; strengthen governance, leadership and oversight; and re-position infrastructure development as integral part of improved service delivery.

2. STRATEGIC BACKGROUND

Umkhanyakude District is in the North Eastern part of KwaZulu-Natal Province 2nd largest district, bordered by Swaziland and Mozambique, Zululand and King Cetshwayo Districts. Towns Hlabisa, Hluhluwe, Mtubatuba, St Lucia, Ingwavuma, Jozini, Mkuze, Mbazwana, Manguzi, this makes the district prone to cross border epidemics, especially malaria, and cross-border patient flow, unbudgeted health expenditure & adverse patient outcomes. Manguzi and Mosvold Hospitals receive many patients from Mozambique and Swaziland respectively. The district comprises four health local municipalities (LMs): Big 5 Hlabisa, Jozini, Mtubatuba, and Umhlabuyalingana.

District population 690 193, uninsured 663 275 -96.1% meaning that large number of the population depend on public service for health service. The district has been ranked as having the second highest socio-economic deprivation index in South Africa (Health Systems Trust 200

Population is predominantly black Africans (98.4%) as compared to other racial groups.

It is deep rural with few economic activities and other social amenities, making it less attractive to other racial groups.

SERVICE DELIVERY PLATFORM – FACILITIES

Five District hospitals, One Community Health Centre, 58 Fixed Clinics, Seven HTAs 7(2 fixed & 5 mobile) & 20 Mobile Clinics servicing 274 visiting points.

HOURS OF OPERATION

24 HOUR SERVICE – 5 District Hospitals, 1 Community Health Centre, 9 fixed clinics

ON CALL SERVICE – 34 fixed clinics

OUTREACH TEAMS

20 Mobile clinics visiting = 274 points

WBPHCOT = 29 Teams

School Health Team = 11

2.1. Sub District Overview

Mtubatuba Local Municipality is one of the four local municipalities under uMkhanyakude District
Situating on the coastline of north-eastern Kwa Zulu

Estimated population is 206 699 of which 198 431 – 96 % is uninsured meaning that they rely public sector for health services.

The West of Mtubatuba Town is predominantly rural. The North East of Mtubatuba lies in ISimangaliso Wetland Park and boarded by Umfolozi River to the South There is no district hospital or Community Health Centre within Mtubatuba LM.

Presence of a CHC would be of great difference where the clinics will refer to CHC for stabilisation, complicated clients and support.

2.1.1. Catchment area

Mtubatuba town, Riverview ,Nordale, Indlovu village ,Bhoboza, Nkodibe ,Kwiliza, Nkombose ,Khula village ,St Lucia ,Vezobala ,Monzi ,Mfolozi ,Futululu,Kwa Msane township,,Nokhobo, Kwa Mshaya, Hhohho, Ophaphasi, Khorinte, Nkolokotho, Mpukunyoni, Wela, Mapheleni, Nkodibe, Madwaleni Shikishela ,Squmbe Mfekayi, Mchakwini, Thandanani, Ogengele Ntondweni, Macabuzela Makhowe, Esiyembeni, Gunjaneni and Machibini.

2.2. Current mobile point's catchment area & Statistics (Daily, Monthly etc.): (Births? need for MOU; Accident and Emergency)

2.2.1. Mobile points 29

Yes, MOU is needed looking at deliveries conducted around the area

2.2.2. Deliveries:

Facility Name	Data Element Name	FY 2020/21	FY 2021/22	FY 2022/23	Average/Year
kz Somkhele Clinic	Delivery in facility - sum	35	36	38	36.3
kz Mpukunyoni Clinic	Delivery in facility - sum	28	31	22	27
kz KwaMsane Clinic	Delivery in facility - sum	742	807	757	768.6

Most cases from Somkhele and Mpukunyoni end up being sent to Hospital or Kwa Msane clinic

2.3 MOU is needed as the area is along the N2 where traumatic accidents usually occur

Facility Name	Data Element Name	FY 2020/21	FY 2021/22	FY 2022/23	Average/Year
kz Hlabisa Hospital	Gunshots - new	52	69	44	55
kz Hlabisa Hospital	Motor vehicle accident - new	501	511	491	501
kz Hlabisa Hospital	Accident and Emergency (Casualty) and Trauma unit headcount - Emergency	1309	1284	1097	1230

2.5. Size of clinic required and motivation (this will be confirmed from by the calculator and can change from what district indicates) Catchment area

- 4000m² or more if possible

2.6. Average monthly headcount

Facility Name	Data Element Name	Jan. 2023	Feb. 2023	Mar. 2023	April 2023
kz Mtubatuba Clinic	PHC headcount total	6799	7027	5852	4107
kz KwaMsane Clinic	PHC headcount total	5798	6065	5787	5451
kz Somkhele Clinic	PHC headcount total	4414	4154	5353	4179
kz Mpukunyoni Clinic	PHC headcount total	2388	2117	3144	2245

2.7. Proposed operational times and days:

2.8 Casualty, Emergency services and Maternity

Daily (24 hour services)

2.9. Maternal, Child and Women Health Services

7 days a week (07h00 to 18h00)

2.10 Medical Outpatient Department (MOPD)

7 days a week (07h00 to 18h00)

2.11 Integrated Chronic Management Services (ICMS)

7 Days (07h00 to 18h00)

2.2. Project Outcome

A fully resourced community health centre facility to provide health care services in the uMkhanyakude district.

2.3. Project Objective

Mtubatuba Local Municipality have no other CHC or the District hospital with increasing population therefore there will be a quality, comprehensive and affordable Community Health Care Centre constructed in the Mtubatuba CBD.

The proposed CHC site is central to most of the crucial areas which will then benefit the working class and non-employed communities, such as to name a few - Mfekayi, Ndlovu village and also those clients that will be coming to town for other business.

The proposed CHC will serve as a referral site for all Mtubatuba clinics as well as for some of Big 5 Hlabisa clinics especially the coastal located (Macabuzela, Makhowe, Hluhluwe as well as Cinci.

The CHC will bridge a gap between the PHC and district hospital services as the CHC will provide mostly 24 hour services with emergencies services with a coverage of a medical doctor.

There will be minimal cases both maternity and emergency that are referred straight from PHC to regional or tertiary hospitals. There will be minimal referrals from this CHC to higher levels of care, as most cases will be dealt with the presence of Medical doctors, Allied Workers and Senior Managers onsite.

There will be an improved EMS turn around as the CHC will be referral site for PHC and communities.

2.4. STRATEGIC SERVICE GOALS AND OBJECTIVES

2.4.1. SUSTAINABLE DEVELOPMENT GOALS

The government's National Development Plan (NDP) 2030 envisions a health system that works for everyone and produces positive health outcomes, accessible to all, "A long and Healthy Life for All South Africans"¹. Key interventions to improve life expectancy include addressing the social determinants of health, promoting health as well as reducing the burden of disease from both Communicable Disease and Non-Communicable Diseases. The plan asserts that health care can be improved through decreasing mortality by combating infectious disease such as tuberculosis and HIV/AIDS and emerging tide of non-communicable diseases. The government's objective is aimed at reducing child and infant mortality, maternal mortality and combating HIV/AIDS and other diseases by 2030.

There are 17 SDG built on Millennium Development Goals, Goal 3 is about ensuring healthy lives and wellbeing of all ages.

¹ National Department Of Health, 2007



Figure 2: Sustainable Development goals

2.4.2. NATIONAL DEVELOPMENT PLAN

The National Development Plan charts a new path for South Africa and seeks to eliminate poverty and reduce inequality by 2030. It defines a desired destination and identifies the role different sectors of society need to play in order to achieve its goals. With specific reference to health the NDP goals are:

- Life expectancy of at least 70 years for men and women
- A generation of under-20s that is largely free of HIV and AIDS
- The quadruple burden of disease that is radically reduced compared to the two previous decades
- An infant mortality of less than 20 deaths per 1,000 live births
- An under five mortality rate of less than 30 per 1,000
- A significant shift in equity, efficiency, effectiveness and quality of health care provision
- Availability of universal health care coverage; and
- Significant reduction of risks posed by social determinants of diseases and adverse ecological factors

The National Development Plan proposes to achieve these health goals by:

- Addressing social determinants of health
- Reducing disease burden to manageable levels
- Building human capital
- Strengthening the National Health System with particular reference to eliminating infrastructure backlogs and increasing the use of ICT to treat and manage health conditions; and
- Implementing the National Health Insurance Scheme with particular reference to improving the quality and care at public health care facilities

Universal health coverage has been shown to contribute to improvement in key indicators such as life expectancy through reduction in morbidity especially maternal and child mortality.

Table 1: The SDGs and NDP Alignment

SDGs Goal:	Goal 3. Ensure healthy lives and promote well-being for all at all ages ²
NDP Goal:	Chapter 10. Healthcare for all
SDGs Targets	NDP Objectives
3.1 By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births	Reduce maternal, infant and child mortality
3.2 By 2030, end preventable deaths of new-borns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under 5 mortality to at least as low as 25 per 1,000 live births	Reduce maternal, infant and child mortality
3.3 By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases	Progressively improve TB prevention and cure
3.4 By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and wellbeing	Significantly reduce prevalence of non-communicable chronic diseases
3.5 Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol	
3.6 By 2020, halve the number of global deaths and injuries from road traffic accidents	Reduce injury, accidents and violence by 50 percent from 2010 levels
3.7 By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes	
3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all	Increase average male and female life expectancy at birth to 70 years. Deploy primary healthcare teams provide care to families and communities
3.9 By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination	

DOH contributes directly to the realisation of Priority 3 (education, skills and health) of government's 2019-2024 Medium Term Strategic Framework (MTSF), and the vision set out in chapter 10 of the National Development Plan (NDP).

DOH is the custodian of South Africa's national health system, and contributes to the goals, indicators and actions of chapter 10 of the NDP. This includes reducing the burden of disease and strengthening the provision of healthcare to improve the lives and lifespans of the country's citizens. As per the National Health Act of 2003, provincial departments of health are mandated to provide healthcare services. The National department is responsible for policy formulation, coordination and support to provincial departments, as well as the monitoring, evaluation and oversight of the sector.

² <https://sdgs.un.org/goals>

2.4.3. PROVINCIAL STRATEGY ALIGNMENT TO THE REVISED DRAFT DEPARTMENT OF PLANNING, MONITORING AND EVALUATION (DPME) PLANNING FRAMEWORK

The following Impact and Outcomes were adopted by The KwaZulu-Natal Department of Health for the 2020/21 to 2024/25 planning cycle. The Impact and Outcomes are listed below:

- **Impact: Increased Life Expectancy**
 - Outcome: Universal Health Coverage
 - Outcome: Improved Client Experience of Care
 - Outcome: Reduced Morbidity and Mortality

The impact and outcomes were confirmed through consultations at cluster planning workshops (Cluster sessions held between 21 August 2019 and 6 September 2019) and the Provincial Strategic planning workshop (12-13 October 2019).

2.4.4. HEALTHCARE SERVICES IN SOUTH AFRICA

Healthcare services for all South Africans are underpinned by the National Health Act, 61 of 2003 (as amended). In 2011 the National Department of Health published the National Core Standards for Health Care Establishments, The NCS has 7 key Domains:³

- (i) Patients' Rights
- (ii) Patient Safety, Clinical Governance and Care
- (iii) Clinical Support Services
- (iv) Public Health
- (v) Leadership and Corporate Governance
- (vi) Operational Management and
- (vii) Facilities and Infrastructure

2.4.5. LEGISLATIVE FRAMEWORK

National Health Act, 2003 (Act No. 61 of 2003)

Provides a framework for a structured health system within the Republic, taking into account the obligations imposed by the Constitution and other laws on the national, provincial and local governments with regard to health services. The objectives of the National Health Act (NHA) are to:

- Unite the various elements of the national health system in a common goal to actively promote and improve the national health system in South Africa;

³ ohsc.org. (Office of Standards Compliance)

- Provide for a system of co-operative governance and management of health services, within national guidelines, norms and standards, in which each province, municipality and health district must deliver quality health care services;
 - Establish a health system based on decentralised management, principles of equity, efficiency, sound governance, internationally recognized standards of research and a spirit of enquiry and advocacy which encourage participation;
 - Promote a spirit of co-operation and shared responsibility among public and private health professionals and providers and other relevant sectors within the context of national, provincial and district health plans; and
 - Create the foundation of the health care system, and understood alongside other laws and policies, which relate to health in South Africa.
-
- Medicines and Related Substances Act, 1965 (Act No. 101 of 1965) – Provides for the registration of medicines and other medicinal products to ensure their safety, quality and efficacy, and provides for transparency in the pricing of medicines.
 - Hazardous Substances Act, 1973 (Act No. 15 of 1973) - Provides for the control of hazardous substances, in particular those emitting radiation.
 - Occupational Diseases in Mines and Works Act, 1973 (Act No. 78 of 1973) - Provides for medical examinations on persons suspected of having contracted occupational diseases, especially in mines, and for compensation in respect of those diseases.
 - Pharmacy Act, 1974 (Act No. 53 of 1974) - Provides for the regulation of the pharmacy profession, including community service by pharmacists
 - Health Professions Act, 1974 (Act No. 56 of 1974) - Provides for the regulation of health professions, in particular medical practitioners, dentists, psychologists and other related health professions, including community service by these professionals.
 - Dental Technicians Act, 1979 (Act No.19 of 1979) - Provides for the regulation of dental technicians and for the establishment of a council to regulate the profession.
 - Allied Health Professions Act, 1982 (Act No. 63 of 1982) - Provides for the regulation of health practitioners such as chiropractors, homeopaths, etc., and for the establishment of a council to regulate these professions. STRATEGIC PLAN 2020/21 – 2024/25 11 | P a g e My Health, Your Health, Our Health: A Healthy KwaZulu-Natal
 - SA Medical Research Council Act, 1991 (Act No. 58 of 1991) - Provides for the establishment of the South African Medical Research Council and its role in relation to health Research.
 - Academic Health Centres Act, 86 of 1993 - Provides for the establishment, management and operation of academic health centres.
 - Choice on Termination of Pregnancy Act, 196 (Act No. 92 of 1996) - Provides a legal framework for the termination of pregnancies based on choice under certain circumstances.
 - Sterilisation Act, 1998 (Act No. 44 of 1998) - Provides a legal framework for sterilisations, including for persons with mental health challenges.
 - Medical Schemes Act, 1998 (Act No.131 of 1998) - Provides for the regulation of the medical schemes industry to ensure consonance with national health objectives.
 - Council for Medical Schemes Levy Act, 2000 (Act 58 of 2000) - Provides a legal framework for the Council to charge medical schemes certain fees.

- Tobacco Products Control Amendment Act, 1999 (Act No 12 of 1999) - Provides for the control of tobacco products, prohibition of smoking in public places and advertisements of tobacco products, as well as the sponsoring of events by the tobacco industry.
- Mental Health Care 2002 (Act No. 17 of 2002) - Provides a legal framework for mental health in the Republic and in particular the admission and discharge of mental health patients in mental health institutions with an emphasis on human rights for mentally ill patients.
- National Health Laboratory Service Act, 2000 (Act No. 37 of 2000) - Provides for a statutory body that offers laboratory services to the public health sector.
- Nursing Act, 2005 (Act No. 33 of 2005) - Provides for the regulation of the nursing profession and for the establishment of a council to regulate these professionals including community service by these professionals.
- Higher Education Act (Act No 101 of 1997) as amended: Provides for the regulation of Higher Education Institutions and its registration, including the formation of governance structures guiding education and training of students.
- National Qualifications Act (Act No 67 of 2008): Provides for a single integrated system comprising three co-ordinated qualifications Sub-Frameworks
- Traditional Health Practitioners Act, 2007 (Act No. 22 of 2007) - Provides for the establishment of the Interim Traditional Health Practitioners Council, and registration, training and practices of traditional health practitioners in the Republic.

STRATEGIC PLAN 2020/21 – 2024/25

- Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No. 54 of 1972) - Provides for the regulation of foodstuffs, cosmetics and disinfectants, in particular quality standards that must be complied with by manufacturers, as well as the importation and exportation of these items.
- KwaZulu-Natal Health Act (Act No. 1 of 2009) and Regulations: Provides for a transformed Provincial Health System within framework of the National Health Act of 2003.
- Public Service Act No 64 of 1994: To provide for the organisation and administration of the public service of the Republic, the regulation of the conditions of employment, terms of office, discipline, retirement and discharge of members of the public service, and matters connected therewith.

2.2. Other legislation applicable to the Department

- Criminal Procedure Act, 1977 (Act No.51 of 1977), Sections 212 4(a) and 212 8(a) - Provides for establishing the cause of non-natural deaths.
- Children's Act, 2005 (Act No. 38 of 2005) - The Act gives effect to certain rights of children as contained in the Constitution; to set out principles relating to the care and protection of children, to define parental responsibilities and rights, to make further provision regarding children's court.
- Occupational Health and Safety Act, 1993 (Act No.85 of 1993) - Provides for the requirements that employers must comply with in order to create a safe working environment for employees in the workplace.
- Compensation for Occupational Injuries and Diseases Act, 1993 (Act No.130 of 1993) - Provides for compensation for disablement caused by occupational injuries or diseases sustained or contracted by employees in the course of their employment, and for death resulting from such injuries or disease. National Roads Traffic Act, 1996 (Act No.93 of 1996) - Provides for the testing and analysis of drunk drivers.

- **Employment Equity Act, 1998 (Act No.55 of 1998)** - Provides for the measures that must be put into operation in the workplace in order to eliminate discrimination and promote affirmative action.
- **State Information Technology Act, 1998 (Act No.88 of 1998)** - Provides for the creation and administration of an institution responsible for the state's information technology system.
- **Skills Development Act, 1998 (Act No 97 of 1998)** - Provides for the measures that employers are required to take to improve the levels of skills of employees in workplaces.

STRATEGIC PLAN 2020/21 – 2024/25

- **Public Finance Management Act, 1999 (Act No. 1 of 1999)** - Provides for the administration of state funds by functionaries, their responsibilities and incidental matters.
- **Promotion of Access to Information Act, 2000 (Act No.2 of 2000)** - Amplifies the constitutional provision pertaining to accessing information under the control of various bodies.
- **Promotion of Administrative Justice Act, 2000 (Act No.3 of 2000)** - Amplifies the constitutional provisions pertaining to administrative law by codifying it.
- **Promotion of Equality and the Prevention of Unfair Discrimination Act, 2000 (Act No.4 of 2000)** Provides for the further amplification of the constitutional principles of equality and elimination of unfair discrimination.
- **Division of Revenue Act, (Act No 7 of 2003)** - Provides for the manner in which revenue generated may be disbursed.
- **Broad-based Black Economic Empowerment Act, 2003 (Act No.53 of 2003)** - Provides for the promotion of black economic empowerment in the manner that the state awards contracts for services to be rendered, and incidental matters.
- **Labour Relations Act, 1995 (Act No. 66 of 1995)** - Establishes a framework to regulate key aspects of relationship between employer and employee at individual and collective level.
- **Basic Conditions of Employment Act, 1997 (Act No.75 of 1997)** - Prescribes the basic or minimum conditions of employment that an employer must provide for employees covered by the Act.

2.5. KWAZULU-NATAL DATA

The province of KwaZulu-Natal, also referred to as KZN and known as "the garden province"; is a province of South Africa that was created in 1994 when the Zulu Bantustan of KwaZulu ("Place of the Zulu") and Natal Province were merged. It is located in the southeast of the country, enjoying a long shoreline beside the Indian Ocean and sharing borders with three other provinces, namely Free State, Eastern Cape and Mpumalanga; and the countries of Mozambique, Eswatini and Lesotho. Its capital is Pietermaritzburg, and its largest city is Durban. It is the second-most populous province in South Africa, with slightly fewer residents than Gauteng.

Two areas in KwaZulu-Natal have been declared UNESCO World Heritage Sites: the iSimangaliso Wetland Park and the uKhahlamba Drakensberg Park. These areas are extremely scenic as well as important to the surrounding ecosystems.

During the 1830s and early 1840s, the northern part of what is now KwaZulu-Natal was established as the Zulu Kingdom while the southern part was, briefly, the Boer Natalia Republic before becoming the British Colony of Natal In 1843. The Zulu Kingdom remained independent until 1879.

KwaZulu-Natal is roughly around 92,100 km². It has three different geographic areas. A lowland region along the Indian Ocean coast which is extremely narrow in the south, widening in the northern part of the province, while the central Midlands consists of an undulating hilly plateau rising toward the west. Two mountainous areas, the western Drakensberg Mountains and northern Lebombo Mountains form, respectively, a solid basalt wall rising over 3,000 m beside Lesotho border and low parallel ranges of ancient granite running southward from Eswatini. The area's largest river, the Tugela, flows west to east across the centre of the province.

The coastal regions typically have subtropical thickets and deeper ravines; steep slopes while the midlands have moist grasslands. The north has a primarily moist savanna habitat, whilst the Drakensberg region hosts mostly alpine grassland.

KwaZulu-Natal has a varied yet verdant climate thanks to diverse, complex topography. Generally, the coast is subtropical with inland regions becoming progressively colder. Durban on the south coast has an annual rainfall of 1009 mm, with daytime maxima peaking from January to March at 28 °C with a minimum of 21 °C, dropping to daytime highs from June to August of 23 °C with a minimum of 11 °C. Temperature drops towards the hinterland, with Pietermaritzburg being similar in the summer, but much cooler in the winter. Ladysmith in the Tugela River Valley reaches 30 °C in the summer, but may drop below freezing point on winter evenings. The Drakensberg can experience heavy winter snow, with light snow occasionally experienced on the highest peaks in summer. The Zululand north coast has the warmest climate and highest humidity, supporting many sugar cane farms around Pongola.

Source: Wikipedia

2.6. UMKHANYAKUDE DISTRICT DATA

⁴ The uMkhanyakude District Municipality known as “a model District Municipality in service delivery excellence” is a Category C municipality located along the coast in the far north of the KwaZulu-Natal Province. ‘uMkhanyakude’ refers to the Acacia Xanthophloea fever tree and means ‘that shows light from afar’. The name reflects both the uniqueness of its people and their hospitality, as well as the biodiversity and conservation history that the region is very proud of.

The Isimangaliso Wetland Park, formerly Greater St Lucia Wetland Park, encompasses the entire coastline. It shares its borders with Swaziland and Mozambique, as well as with the districts of Zululand and King Cetshwayo.

It is the second-largest district in the province, and consists of the following four local municipalities: uMhlabuyalingana, Jozini, Big 5 Hlabisa and Mtubatuba. It is a very rural district, the largest town being Mtubatuba in the south, with Hluhluwe, Mkuze, Jozini, Kwangwanase and Ingwavuma further to the north.

⁴ <https://www.cogta.gov.za/ddm/wp-content/uploads/2020/11/Umkhanyakude-DM-October-2020.pdf>

The N2 running through the UKDM is a major strength to the district as it provides opportunities for growth and economic stimulation in the economy. UMkhanyakude is a poverty stricken district with high unemployment figures. Investment opportunities that exist in key catalytic projects for the area as planned and conceptualized are projects that include Mkuze Regional Airport, Jozini Hydro-electric Scheme, Makhathini Flats Development (Sugarcane, fruit and vegetables production and processing), expanded timber production, fishing industry based on natural resource harvest supplemented by aquaculture, expanded agricultural production of cashew and coconut oils and nuts for export, and establishment of high value-up market anchor tourism sites to 'trigger' further structured investment.

The main economic drivers in the district include Community Services and Finance (30.6% and 15.8% respectively). Educational levels in the district is significantly lower than the Provincial level and employment opportunities are limited. According to the South African multidimensional poverty index of 2016, the UMkhanyakude District is considered amongst the 10 Districts in South Africa with the greatest decline in MPI.

Area: 13 855km²

Cities/Towns: Hlabisa, Hluhluwe, Ingwavuma, Jozini, Mbazwana, Mkuze, Mtubatuba, St Lucia

Main Economic Sectors: Agriculture, trade, tourism

2.6.1. DEMOGRAPHIC PROFILE

The following figures depict the demographics of UMkhanyakude District:

Source: Wazimap

Age

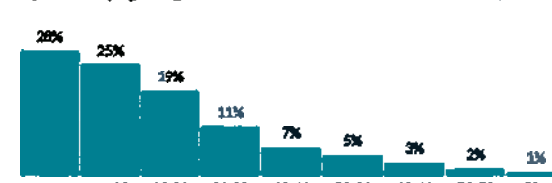
18

Median age

about 80 percent of the figure in KwaZulu-Natal: 22

about three-quarters of the figure in South Africa: 25

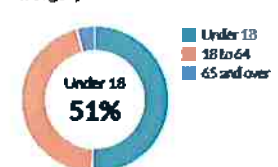
Population by age range



Source: Community Survey 2016

Chart Options

Population by age category



Source: Community Survey 2016

Population

689 091

People

less than 10 percent of the figure in KwaZulu-Natal: 11,065,240L

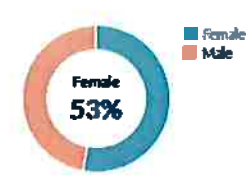
less than 10 percent of the figure in South Africa: 55,653,654L

Population group



Chart Options

Sex



Source: Community Survey 2016

Figure 1: UMkhanyakude Age and Population analysis

⁴ The settlement type in UKDM dominated by population residing in traditional; areas, which is in excess of 90%, and is by far the highest figure of all districts within the province. Fifty five (55.7%) of land cover

within the district is natural land. Approximately 17.9% of the District is being used for agricultural purposes, with the majority of agricultural land being focused within the Mtubatuba Local Municipality (LM). Wetland accounts for 26.2% of the land in within the Big 5 False Bay Local Municipality. Approximately 33.2% of the District is formally protected and forms part of Nature Reserves.

Table 2: District Population Density – 2018/19

Sub-District	Area km	Population	Population Density per km ²
KZN Big 5 Hlabisa Local Municipality	3,466	112,921	32,6
KZN Jozini Local Municipality	3,442	207,415	60,3
KZN Mtubatuba Local Municipality	1,970	206,675	104,9
KZN uMhlabuyalingana Local Municipality	4,977	175,459	35,3
District	13,855	702,470	50,7

2.6.2. SOCIAL DETERMINANTS OF HEALTH

The following figures depict the social determinants of health in UMkhanyakude District:

Source: Wazimap

Households

151 244

Households

less than 10 percent of the figure in KwaZulu-Natal: 2 875 843 L

less than 10 percent of the figure in South Africa: 16 923 307 L

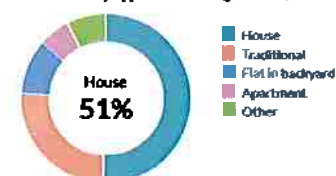
3.3%

Households that are informal dwellings (shacks)

about two-fifths of the rate in KwaZulu-Natal: 8.53%

about one-quarter of the rate in South Africa: 12.96%

Households by type of dwelling Chart Options



Source: Community Survey 2016

Household ownership

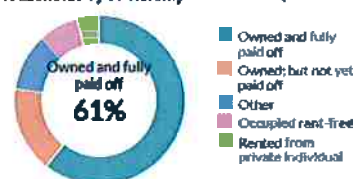
77%

Households fully owned or being paid off

a little higher than the rate in KwaZulu-Natal: 73.02%

about 20 percent higher than the rate in South Africa: 64.97%

Households by ownership Chart Options



Source: Community Survey 2016

Figure 2: UMkhanyakude Household analysis

⁴ According to the community survey done in 2016, the total population of the UMkhanyakude District is 689,090 with a growth of 9,2% between 2011 and 2016. The District had a modest average annual population growth rate of 0.9% per annum between 2001 and 2011. The HDI of the district declined from a figure of 0.46 in 2000 to 0.44 in 2010 and is significantly lower than the comparative overall provincial figure (0.44 compared to 0.49). Life expectancy at birth is lower than the average figure for KZN which currently sits at 56.1 years.

77%

Households fully owned or being paid off

a little higher than the rate in KwaZulu-Natal: 73.02%

about 20 percent higher than the rate in South Africa: 64.97%

Households by ownership



Chart Options

- Owned and fully paid off
- Owned; but not yet paid off
- Other
- Occupied rent-free
- Rented from private individual

Source: Community Survey 2016

Head of household

54.2%

Households with women as their head

about 10 percent higher than the rate in KwaZulu-Natal: 47.44%

about 1.3 times the rate in South Africa: 41.32%

Head of household by gender

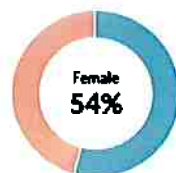


Chart Options

- Female
- Male

Source: Community Survey 2016

2 330

Households with heads under 18 years old

about 10 percent of the figure in KwaZulu-Natal: 20,048

less than 10 percent of the figure in South Africa: 111,471

Figure 3: UMkhanyakude Woman headed household analysis

Employment

17%

Employed

about half the rate in KwaZulu-Natal: 31.51%

about two-fifths of the rate in South Africa: 38.87%

Population by employment status

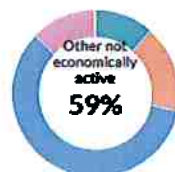


Chart Options

- Discouraged work-seeker
- Employed
- Other not economically active
- Unemployed
- Unspecified

* Universe: Individuals 15 and older
Source: Census 2011

Sector of employment



Chart Options

- Do not know
- In the formal sector
- In the informal sector
- Private household
- Unspecified

* Universe: Workers 15 and older
Source: Census 2011

Annual income

R15 000

Average annual income

about half the amount in KwaZulu-Natal: R30 000

about half the amount in South Africa: R30 000

Employees by annual income

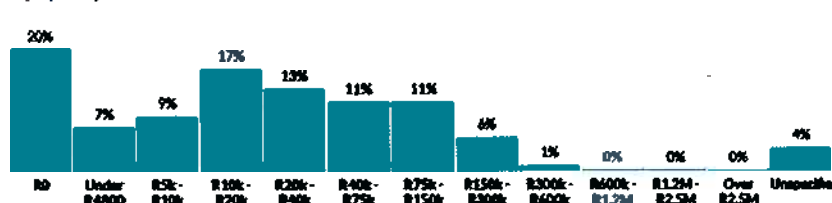


Chart Options

* Universe: Employed individuals
Source: Census 2011

Figure 4: UMkhanyakude Economic analysis

The unemployed population in UKDM is similar to the overall figures for KZN. The district has a youthful population and 35.2% of the unemployed population is younger than 25 years of age, with a further 34.9% between 25 and 34 years. This implies that more than 70% of the unemployed population is younger than 35 years of age.⁴

Educational level

63.7%

Completed Grade 9 or higher

about 90 percent of the rate in KwaZulu-Natal:
72.42%

about 90 percent of the rate in South Africa:
71.77%

37.3%

Completed Matric or higher

about 80 percent of the rate in KwaZulu-Natal:
45.85%

about 90 percent of the rate in South Africa:
43.37%

Population by highest educational level

Chart Options



* Universe: Individuals 20 and older
Source: Community Survey 2016

Figure 5: UMkhanyakude Education analysis

Approximately 14% of the unemployed population UKDM has received no formal schooling and only 17% has primary level education. A largest proportion of the unemployed population has completed grade 12 education and approximately 30% has secondary education. A trend is that only a fraction of the unemployed population has completed any form of tertiary education and this is a pattern across the five local municipalities. This implies that the completion of secondary school education provides very little guarantee of finding any form of formal employment within the district. It also confirms the importance of tertiary education to successfully enter the employment market, even in districts with limited availability of formal sector employment opportunities (IDP, 2019/20:82). There is high level of adult illiteracy in the district. More than 27% and 22% of the adult female and male population, respectively, have not received any form of schooling. These figures are significantly higher as compared to the provincial figures of 13% and 8% respectively. The proportion of the adult population in the district with tertiary education is less than half the comparative figure for the province, which is 2.5%.⁴

Water

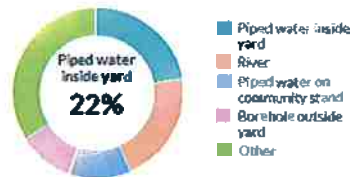
50.7%

Are getting water from a regional or local service provider

about three-fifths of the rate in KwaZulu-Natal: 83.35%

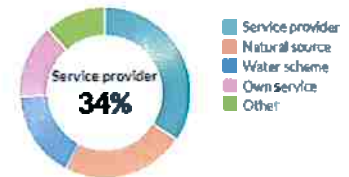
about three-fifths of the rate in South Africa: 86.2%

Population by water source



Source: Community Survey 2016

Population by water supplier



Source: Community Survey 2016

Electricity

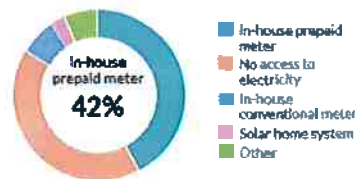
41.6%

Have no access to electricity

more than double the rate in KwaZulu-Natal: 10.58%

more than double the rate in South Africa: 7.29%

Population by electricity access



Source: Community Survey 2016

Toilet facilities

28.8%

Have access to flush or chemical toilets

about half the rate in KwaZulu-Natal: 55.74%

about half the rate in South Africa: 63.53%

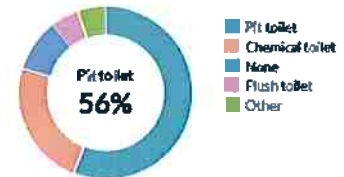
9.9%

Have no access to any toilets

more than double the rate in KwaZulu-Natal: 2.67%

more than double the rate in South Africa: 2.39%

Population by toilet facilities



Source: Community Survey 2016

Refuse disposal

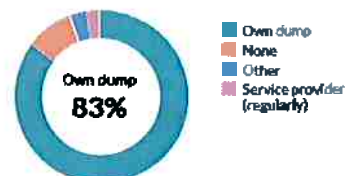
2.9%

Are getting refuse disposal from a local authority, private company or community members

less than 10 percent of the rate in KwaZulu-Natal: 43.31%

less than 10 percent of the rate in South Africa: 59.37%

Population by refuse disposal



Source: Community Survey 2016

Figure 6: UMkhanyakude Service delivery analysis

The 2019/2020 IDP of the UMkhanyakude District Municipality approved by Council reports that the major basic service challenge faced by the district is the backlog of eradicating high levels of old infrastructure. The maintenance costs of the old infrastructure are very high and have an adverse effect in the provision of service delivery due to limited funding. The IDP further indicates that there is also a challenge of high levels of illegal connections which further strains the available resources. 4

2.6.3. BURDEN OF DISEASE

Burden of disease – leading causes of death in district

KZN, uMkhanyakude: DC27

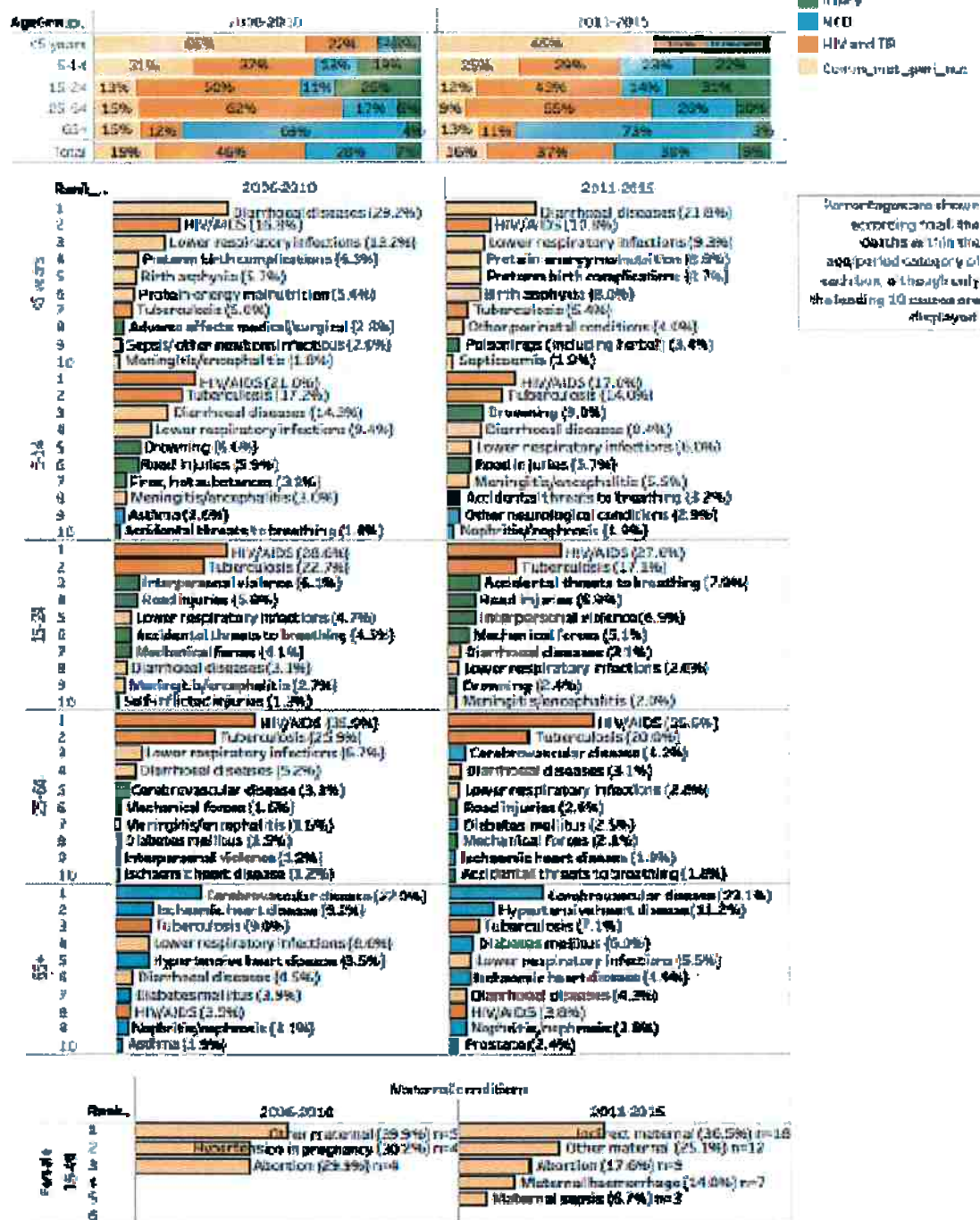


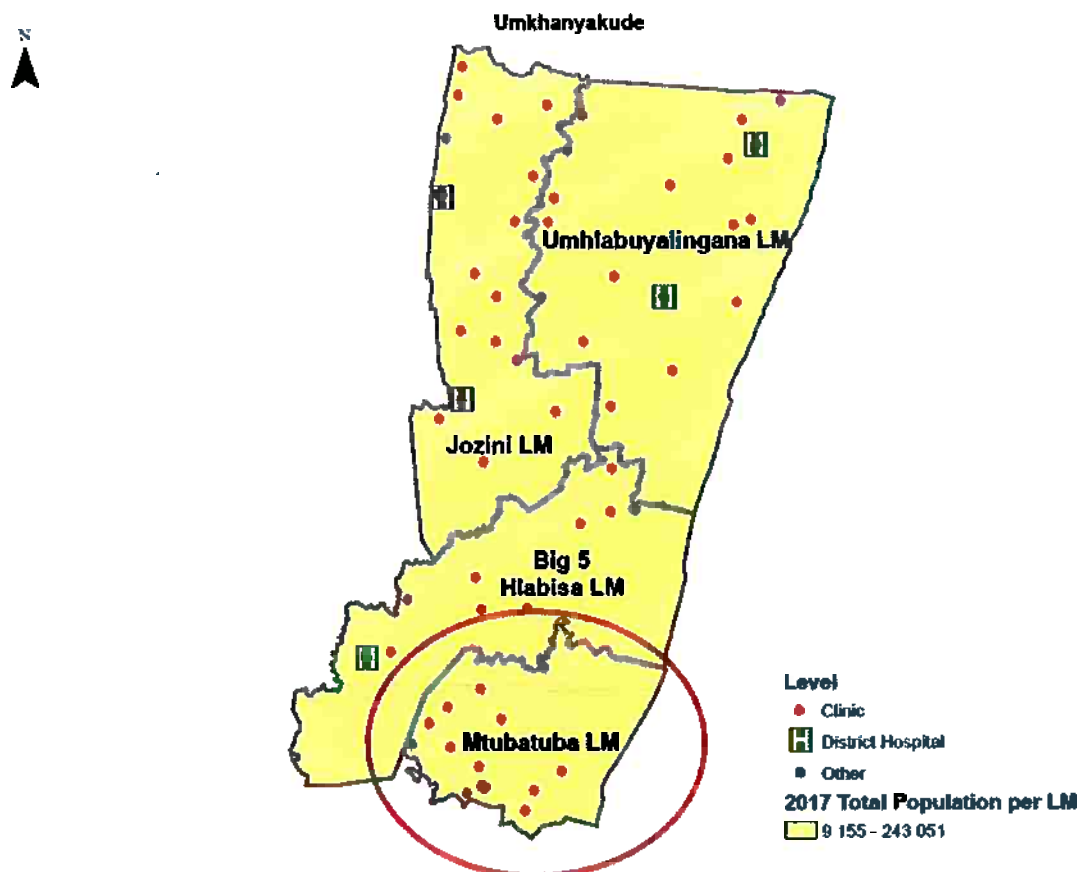
Figure 7: uMkhanyakude Percentage of deaths caused by broad causes and single causes (District Health Barometer)

Source: uMkhanyakude District Health Plan 2020/21 – 2024/25

According to the District Health Plan for 2018/19, UMkhanyakude has five district hospitals, 57 clinics, including five gateway clinics, 17 mobile clinics servicing 238 mobile stopping points, and seven high transmission area (HTA) sites (two fixed and five mobile). The new Jozini Community Health Centre (the first in the district) opened in the first quarter of 2018/19.

Social vulnerability in the province is said to be very high due to the following driving forces:

- a) It has the highest malaria prevalence in the country;
- b) Twenty to thirty percent (20-30%) of adults are HIV positive. The HIV prevalence rate is at 41.1%, higher than both the provincial and national average of 37.4% and 29.5% respectively. UKDC is the second highest amongst the districts in the province;
- c) Tuberculosis is a major cause of mortality
- d) The increase and occurrence of severe malnutrition of children younger than 5 years
- e) A large number of people from the neighbouring countries cross the border receive healthcare in UMkhanyakude⁴



Map 1: Health facilities in relation to households / population

Source: UMkhanyakude District Health Plan 2020/21 – 2024/25

2.6.4. CRIME

⁴ *UMkhanyakude District has eleven police stations under each local municipality. The commonly reported crime is in but not limited to the following categories: assault with the intent of inflicting serious bodily harm; contact crime; property related crime; burglary at residential properties, drugs and sexual offences Crime statistics per SAPS Station between 2014-2019*

Table3: Crime Statistics per SAPS (2014-2019)

Station	2018-2019	2017-2018	2016-2017	2015-2016	2014-2015
Emanguzi	3,262	3,088	3,039	2,825	2,971
Ezibayeni	430	357	414	417	392
Hlabisa	1,550	1,626	1,432	1,234	1,330
Hluhluwe	2,184	2,021	2,081	2,478	2,623
Ingwavuma	1,449	1,418	1,396	1,614	1,625
Jozini	2,919	2,849	2,868	3,061	2,765
Kwamsane	5,822	5,839	5,482	5,278	5,365
Mbazwana	1,525	1,150	2,197	2,562	2,388
Mkhuze	1,293	1,247	1,156	1,321	1,272
Mtubatuba	5,037	4,978	5,621	6,059	5,642
Ndumo	919	988	870	802	715
Total	26,390	25,561	26,556	27,651	27,088

2.7. PRIMARY HEALTHCARE SERVICES

Mtubatuba Local Municipality has the lowest PHC utilisation rates, lowest PHC expenditure per headcount, no hospital and a higher population per PHC facility than Jozini or uMhlabuyalingana, indicating that it is an underserved LM in the district with regards to PHC services leading to long waiting times. There are several private doctors, Pharmacies and homeopaths in Mtubatuba and many clients use these in preference to government clinics. Easy transport along the N2 highway make travel to King Cetwayo District for services easier for many clients than travelling to the serving Hlabisa Hospital. Patients requiring regional level services must be sent from Hlabisa to Empangeni, which means the geography of patient flow from Mtubatuba is inefficient. Mtubatuba LM needs a community health centre.



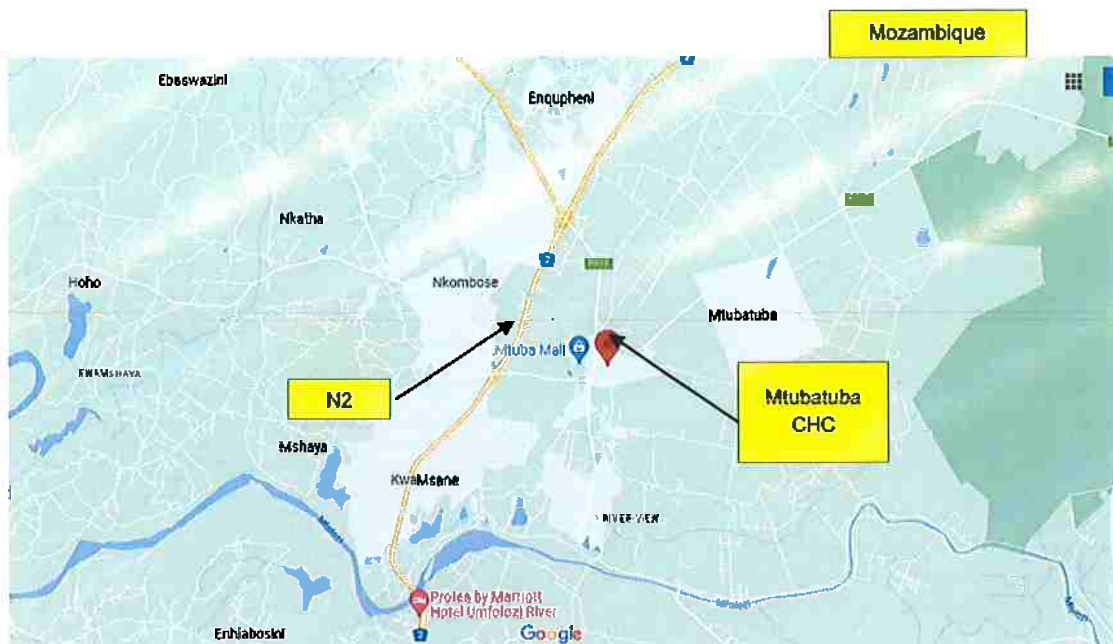
Map 2: KZN Health Districts

2.7.1. RECENT FACILITIES BUILT BY THE DEPARTMENT OF HEALTH

2.8. MTUBATUBA COMMUNITY HEALTH CENTRE

2.8.1. LOCATION

The proposed Mtubatuba Community Health Centre will be located in Mtubatuba at R618 Road. It is within close access to the N2, the main route linking the N2 to the North which includes Nature Reserves, Access to Eswatini and Mozambique and a number of health facilities, thus a busy transport route.



Map 3: Location of Mtubatuba Community Health Centre

Source: Google Maps

2.9. CLINICAL BRIEF

2.9.1. BRIEF OVERVIEW OF THE PROJECT SCOPE

The scope of the project is a Community Health Centre compliant to the Ideal clinic and Ideal facility guidelines, based on standard prototype plans. The prototype plans will serve as a guide base document only and will not be faithfully reproduced. The designers are required to develop these drawings into apply the IUSS (Infrastructure Unit Support Systems) norms and standards and all other compliance requirements.

2.10. PROPOSED PACKAGE OF SERVICE

2.10.1. Referral Pattern

Mtubatuba CHC will be located half way between Hlabisa and Ngwelezane Hospital. Patients needing higher level of care are referred to either of the two hospitals; guided by the patient's condition. Maternity patients needing service of regional hospital will be discussed and referred directly to Queen Nandi Regional Hospital. Ngwelezane Hospital is utilized for medical and surgical patients needing regional services.

2.10.2. Community Health Centre Package of Services:

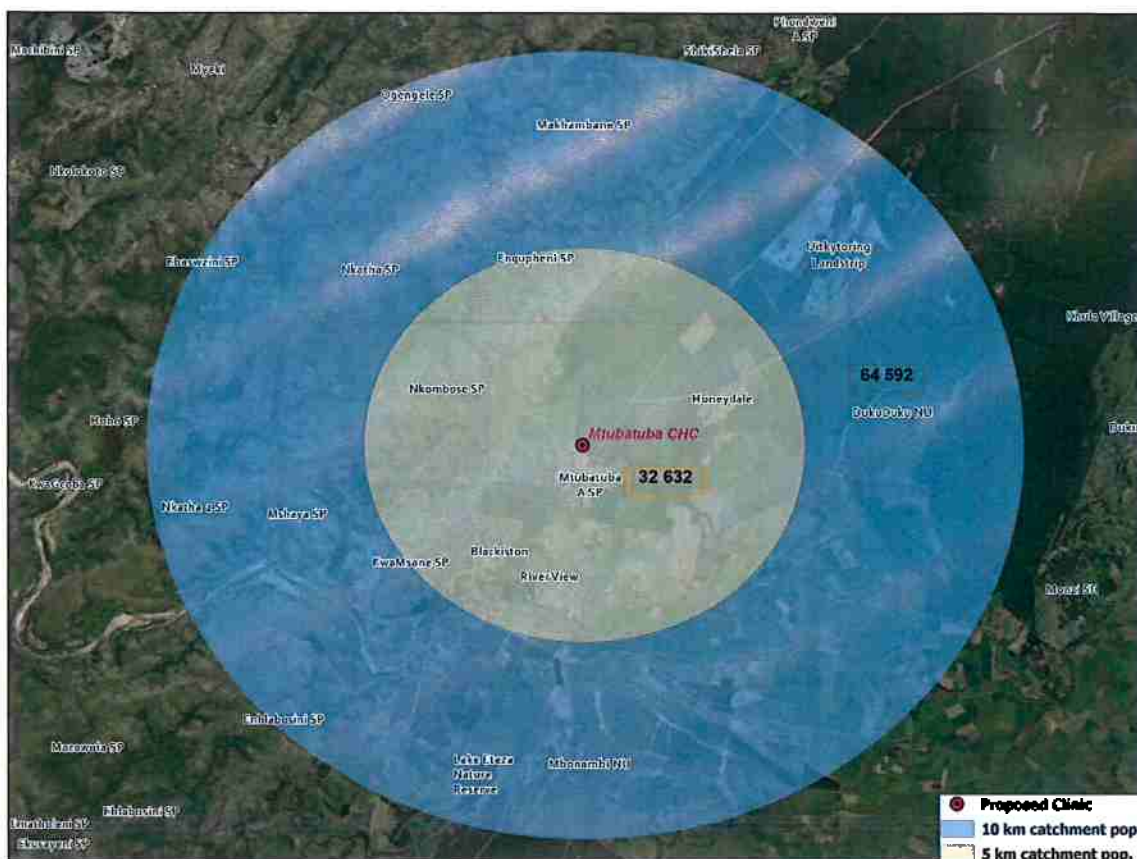
- Primary Health care services
- PHC Mobile services
- School Health Service
- Medical Outpatient services
- Maternity services
- Dental services
- Rehabilitation services
- Optometry
- Radiology
- Ultrasonography
- Pharmaceutical Services
- Dietetics
- Psychosocial Support Services
- Accident and Emergency (Trauma)
- Crisis Centre
- Male Medical Circumcision
- Short stay
- Mortuary services
- EMS services

2.10.3. CURRENT SITUATION

Mtubatuba Local Municipality is one of the four local municipalities under uMkhanyakude District. Situated on the coastline of north-eastern Kwa Zulu. Estimated population is 206 699 of which 198 431 - 96 % is uninsured meaning that they rely public sector for health services. The West of Mtubatuba Town is predominantly rural. The North East of Mtubatuba lies in Isimangaliso Wetland Park and bordered by Umfolozi River to the South. There is a great need to have a big Community Health Centre (CHC) in Mtubatuba town as most areas around Mtubatuba, lower part of Zululand, Southern then part of Hluhluwe and Northern part of King Cetshwayo District use Mtubatuba as the business area.

Mtubatuba is currently services by very small clinic thus unable to meet the community needs, resulting in long waiting times and client's complaints that could be have been prevented. The small clinics around Mtubatuba for next level of care refer clients to Hlabisa hospital which is 85 km's or more thus delaying the care.

The 5 km catchment population is 32 632 and the 10 Km catchment population is 64 592.



Source: GIS Department of Health

Surrounding facilities and distance from proposed list:

KwaMsane, Siphon Zungu, Ezwenelisha, Somkhele, Machibini, Mpukunyoni, Hlabisa and Ngwelezane.

Facility	Type	Distance
KwaMsane	Fixed clinic	5km
Somkhele	Fixed clinic	15km
Mpukunyoni	Fixed clinic	5km
Machibini	Fixed clinic	20km
Ezwenelisha	Fixed clinic	20km
Siphon Zungu	Fixed clinic	25km
Hlabisa	Hospital	50.2km
Ngwelezane	Hospital	60.9km

Proposed standard configuration of PHC facilities –version: Sept 2015

Type	Size	Service hours per day	Headcount range per annum	Maximum headcount per month	Maximum headcount per day	No of standard consulting rooms required	No of standard counselling rooms required	No of Emergency(E) /treatment-procedure (T)/specialised rooms required
I.	Outliers	8hrs-5days	*6 000 -20 000	1 650	85	4	1	1 E
II.	Small	8hrs-6 days	20 001-40 000	3 350	170	6	2	1E
III.	Medium	8hrs-6 days	40 001 - 60 000	5 000	250	9	3	1E +1 T/P
IV.	Large	12 hrs -6 days	60 001-100 000	8 350	350	12	3	1E +1T/P
V.	CHC	24 hours -7 days	120 000+	10 000+	350+	12 +	4	1E+2T/P+overnight bays MOU Rehab/ Eye health Mental Health/Oral Health /Nutrition/social worker ISHT/mobile services/imaging cluster

*headcount below 6 000 requires a decision whether this warrants a full clinic or a satellite clinic

All specialised health support service area requirements to be included in motivation (business case /clinical brief)-these areas could be included in any type of clinic based on geographical location, specific catchment population needs, referral routes, etc.

Calculator for Consulting Rooms In a CHC

CALCULATOR FOR CONSULTING ROOMS IN CLINIC

DATE: 3/16/2016

INPUT INDICATED IN RED

EXAMPLE CCC
KZN

Catchment population from GIS Flow map
32632

Visits per capita to calculate population served
2.69

Predicted headcount
87780.08


Number of consultations per consulting room per day 8 hr
30

Number of working days per year per consulting room
249

Calculated no of consults per consulting room per year
7470
10659

% of headcount attended to in consulting rooms
85%

No of Consult rooms required
10.0



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Zusammenarbeit für Entwicklung

The National average for visits per capita (DHIS info (July 2013) used for Phakisa was 2.69 visits per Capita. The visits/headcount according to DHIS definitions includes the patients who come for repeat scripts, DOTS visit, counselling but also clients seen by outreach teams at a different location and children receiving individual service during a visit to a non- health facility such as schools or crèches. With the Re-engineering of PHC services much emphasis was placed on outreach teams which will increase the headcount but it will also decrease the % of headcount seen at the clinic facility.

Function of population multiplied by number of visits. If headcount from DHIS is used to calculate clinic size, the current inadequacies of patient behaviour patterns will be entrenched.

The 24 patients is the minimum based on 3 patients per hour 8 hour workday. WISN recommends 34.6 patients per PN per day which is 12.5minutes per patient. (Annex 5 to Government Gazette of 2 October 2015) The IHPP panning norm was 30 patients per day (prior to Re-

Number of working days = 365 less weekend days and less public holidays - aligned with above gazette

Number of working days multiplied by the visits per consulting room per day = theoretical number of visits per consulting room per year

% of headcount seen in other locations than the clinic consulting room (outside or inside the clinic)
See definitions of headcount as per DHIS extract

Calculated number of consulting rooms by dividing the headcount multiplied by % seen in consulting rooms and divided by the theoretical number of visits per CR per year

2.11. Brief conditional Assessment

This is a new facility on a newly identified site.

2.12. The Proposed Service Profile

According to the Infrastructure Unit Support Systems (IUSS): Primary Healthcare Facilities [Gazetted, 30 June 2014] states: *Clinics and community health centres (CHCs) are the primary healthcare facility-based points of care that are closest to the community being served. These institutions are generally the first point of contact at a health establishment, in a continuum of care which extends from within communities, through primary, regional and tertiary services. Their prime function is to provide suitable accommodation for outpatients' care (clinics and CHCs) and limited inpatients' care (CHCs). For convenience, services offered by clinics and CHCs can be grouped into five streams: namely chronic services, acute services, preventive and promotive services, specialised services and community outreach services.*

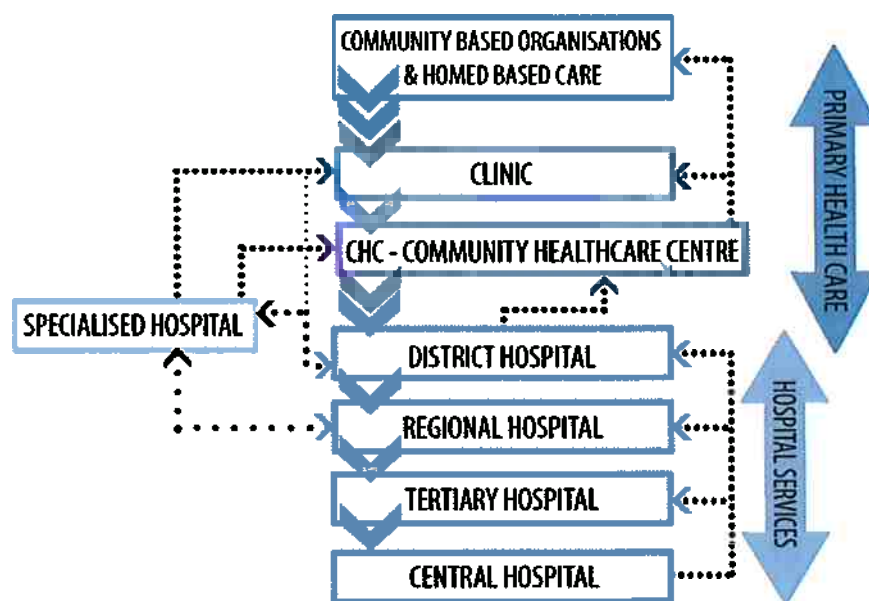


Figure 8: Public Healthcare Facility continuum of care

2.12.1. Division of Care

Division of care provides a differentiation between care in terms of type as well as applicable security measures. See details in table below:

Table 4: Clinic: Division of Care

Type of Service		Service Area	Security grading
Community Health Centre	Guard house/Visitors	Guard room & staff facilities, Search room and Public ablutions	High to Medium security
	Administration	Administration, Storage and Staff Facilities, dispensing	High to Medium security
	Minor ailments	Consulting, procedure and counselling	Medium security
	Chronic	Consulting, procedure and counselling	Medium security

	Preventive and Promotive	Consulting, procedure and counselling	Medium security
	Community Services	Administrative	Medium security
	Youth Drop-in Services	Consulting and Counselling	Medium security
	Internal Services	Storage, Cleaning and Ablutions	Low Security
	Bulk Stores	Storage	High Security
	Health support services	Dentistry, pharmacy, radiography, CSSD, laboratory, rehabilitation	Medium security
	Short stay ward	Ward	High security
	Crisis Centre	Consulting and Counselling	High security
	Mother Lodge	Residential	Low Security
	Skills Training Centre	Training	Low Security
	Maintenance/Mortuary	Maintenance/Mortuary	Medium security
	Garaging/EMS	Garaging	High security
	Mobile Services	Garaging	High security
	Electrical Services	Services	Medium security
	Flammable Services	Services	Medium security
	Staff Housing	Residential	Medium security
	Nutrition Centre	Training	Medium security

2.12.2. Functional Areas

All areas can be differentiated from each other based on the specific functions. The clinical areas can be further subdivided. See details in tables below:

Table 5: Clinic Functional Areas

Clinical Patient Areas	Administration area	Staff Area	Service support area	Other areas
Minor ailments	Offices	Staff room	Guard house/Visitors Block	Community Services block
Chronic block	Admissions	Staff Housing	Internal Services block (Storage, Cleaning and Ablutions)	Youth Drop-in Services block
Preventive and Promotive	Meeting / Boardrooms		External Services block (Storage)	Mothers Lodge
Health support services	Administration		Maintenance/Mortuary	Skills Training Centre
Short stay ward			Garaging/EMS	Nutrition Centre
Crisis Centre			Mobile Services	
MOU			Electrical Services	

Clinical Patient Areas	Administration area	Staff Area	Service support area	Other areas
Emergency			Acute Care and Emergency Centre	
			Flammable Services	

Table 6: Clinical Areas Subdivisions

Clinical & Household Areas	Day Time Areas	After hours Areas (24 hour FACILITY)
Consulting rooms Counselling rooms Delivery Rooms Treatment Rooms	Administration	Consulting rooms Counselling rooms MOU Treatment Rooms Emergency Centre Crisis Centre

2.13. Phasing, Decanting and Incubation Strategies

- **Phasing**
Not applicable for this project.
- **Decanting**
Not applicable for this project.
- **Contingencies**
Not applicable for this project
- **Redundancies**
Not applicable for this project

2.14. SERVICE COMMISSIONING PROCESS

The project is envisaged to be done as a single project and will not require any decanting plans.

2.15. OCCUPATIONAL DEVELOPMENT PLAN

Human Resource provisioning will require adjustment to the existing HR Plan and the operational budget. The operational budget for the CHC will be determine at the onset of the commissioning of project. Please refer to the HR plan and operational budget attached.

The organizational development, quality assurance and change management interventions discussed under Organizational Development and Quality Assurance below.

2.16. SUPPORT SERVICES

The new Mtubatuba CHC will require the following support services:

- **Office/Administration**
- **Staff facilities**
- **Visitor's facilities**
- **Security**
- **Porter Services**
- **Drop- off and Pick-up points**
- **Parking**

3. PLANNING-, DESIGN GUIDELINES AND FUNCTIONAL SPATIAL RELATIONSHIP

The project objective is to:

- To build a new fully resourced Community Health Centre.
- To enhance uMkhanyakude district CHC services.
- To ensure compliance with IUSS guidelines for health to the greatest extent allowable by existing structures.
- To ensure that the environment is conducive in terms of OHS for staff working at the facility and to ensure dignity and privacy for public utilising the facility.
- To ensure that the dignity and the rights of the health care users are maintained.

The success criteria of this project will be the reduction delays in community health care service.

3.1.1. PLANNING AND DESIGN GUIDELINES

The planning and design of the facility shall be informed by consultation with clinicians, stakeholders and all the relevant bodies during the planning and design phase. The following principles will apply:

- Meet legal compliance (deemed to satisfy or rational design). Right sized to avoid over or under capacity and over or under utilisation.
- Designed to deliver appropriate levels of emergency preparedness and resilience. Design that is flexible and adaptable to future change.
- Ensure building respond to the climate and the ventilation requirements for such a facility and application of "Green design" principals. Designing close relationships with nature.
- Integrated external and internal Recreation areas.
- Functional zoning, separating user's areas from facility management and administration requirements.
- Appropriate space norms and room design. The design of a building that is appropriate for the functions intended to be carried out within the spaces designed.
- An ergonomically safe and risk-free work and healing environment.
- Compliance with quality assurance principals.
- Design that balance requirements for clinical need and capital, and recurrent budget considerations.
- Be physical accessible and welcoming to the community they serve, facilitates access to and within the area for physically and sensory impaired people, consideration should be given to a wide range of disabilities.
- Ensuring that the functional and aesthetic requirements of furniture and fittings, fabric and finishes are met.
- Use of latest technology and innovations to aid in healing.
- Promote occupational health, wellbeing and motivation to staff.

A. General Aspects

- Enough space to walk freely inside
- Finishes for easy maintenance without moving through the user areas
- Privacy

- Panic buttons to be installed at strategic intervals
- Windows and doors to be burglar proofed
- Main entrance to be security controlled
- Glass should be safety glass
- Windows to allow for enough lighting
- Rooms to be well ventilated
- Floors: slip resistant
- Electrical fittings: water resistant in wet areas
- Toilets and showers: privacy
- Toilets, baths and showers: tamperproof
- Hot water: in designated areas only
- Staff rest room & ablutions
- Infection control policies to be observed and implemented
- Intercom connected at main gate and at delivery area.

B. NON-NEGOTIABLE REQUIREMENTS

- Fire detection systems
- Panic buttons
- Central / electrical lock/release mechanism for all doors
- Fire protection equipment such as fire-hose reels and fire extinguishers
- Fire / disaster plan
- Uninterrupted power supply
- CCTV monitoring in areas of the users
- Non-combustible materials
- Electrical distribution boards to be built into walls and locked

3.1.2. AREA SUBDIVISION

The CHC generally provides a 24hr service and generally services the general public during office hours of 8-hours a day.

3.1.2.1. Intradepartmental relationships and functional zones

The CHC will be separated into functional zones or specific spaces that support flow patterns in the health centre:

- (i) Public zone - site access, parking, waiting areas, ablutions, reception and records;
- (ii) Patient (Clinical) Zone – receiving, body preparation and autopsy area and dispatch;
- (iii) Shared clinical support spaces – body storage;
- (iv) Administration spaces - offices;
- (v) Staff spaces- staff room and ablutions;
- (vi) Service support spaces- utilities, stores and housekeeping services.

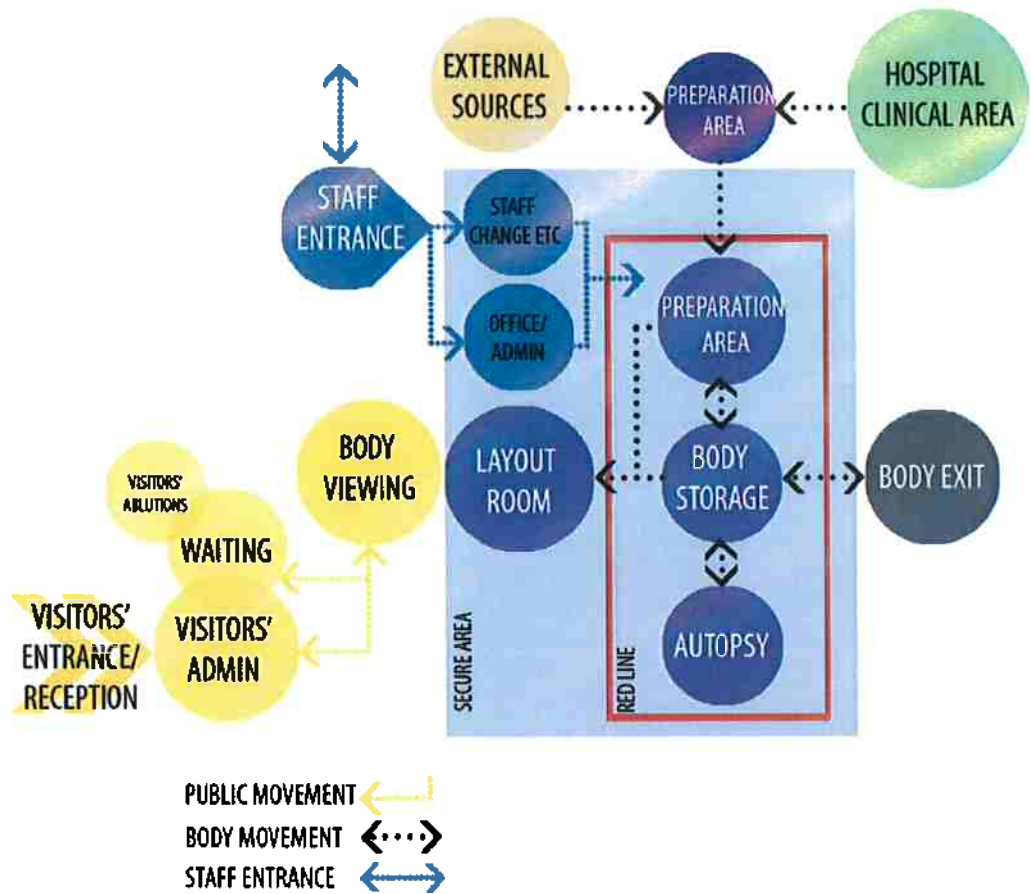


Figure 9: Access and movement in a mortuary. (Adopted from IUSS)

Source: INFRASTRUCTURE UNIT SUPPORT SYSTEMS (IUSS) PROJECT Health Facility Guides: Community Health Centre Services [Gazetted, 30 June 2014]

3.1.2.2. Functional Areas

All areas can be differentiated from each other based on the specific functions. The clinical areas can be further subdivided. See details in tables below:

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Emergency			Acute Care and Emergency Centre	
			Flammable Services	

Table 8: Clinical Areas Subdivisions

Clinical & Household Areas	Day Time Areas	After hours Areas (24 hour FACILITY)
Consulting rooms Counselling rooms Delivery Rooms Treatment Rooms	Administration	Consulting rooms Counselling rooms MOU Treatment Rooms Emergency Centre Crisis Centre

3.1.2.3. Key Adjacencies

The critical adjacencies are as follows:-

10 Components and 32 Sub-Components

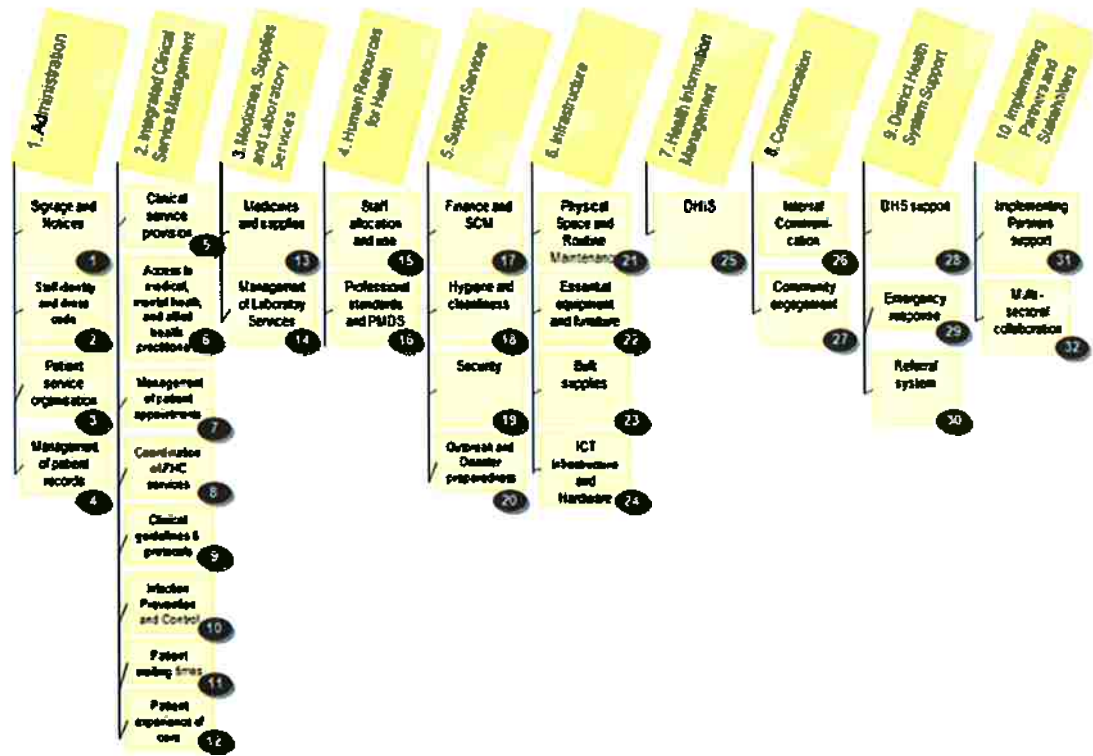


Figure 10: Adjacency Diagram

Source: INFRASTRUCTURE UNIT SUPPORT SYSTEMS (IUSS) PROJECT Health Facility Guides: [Gazetted, IDEAL COMMUNITY HEALTH CENTRE DEFINITIONS, COMPONENTS AND CHECKLISTS, 01 September 2018

3.1.2.4. Critical Departmental Relationships

The diagrams below indicate the critical stream Departmental relationships, as per the Ideal Clinic Streams.

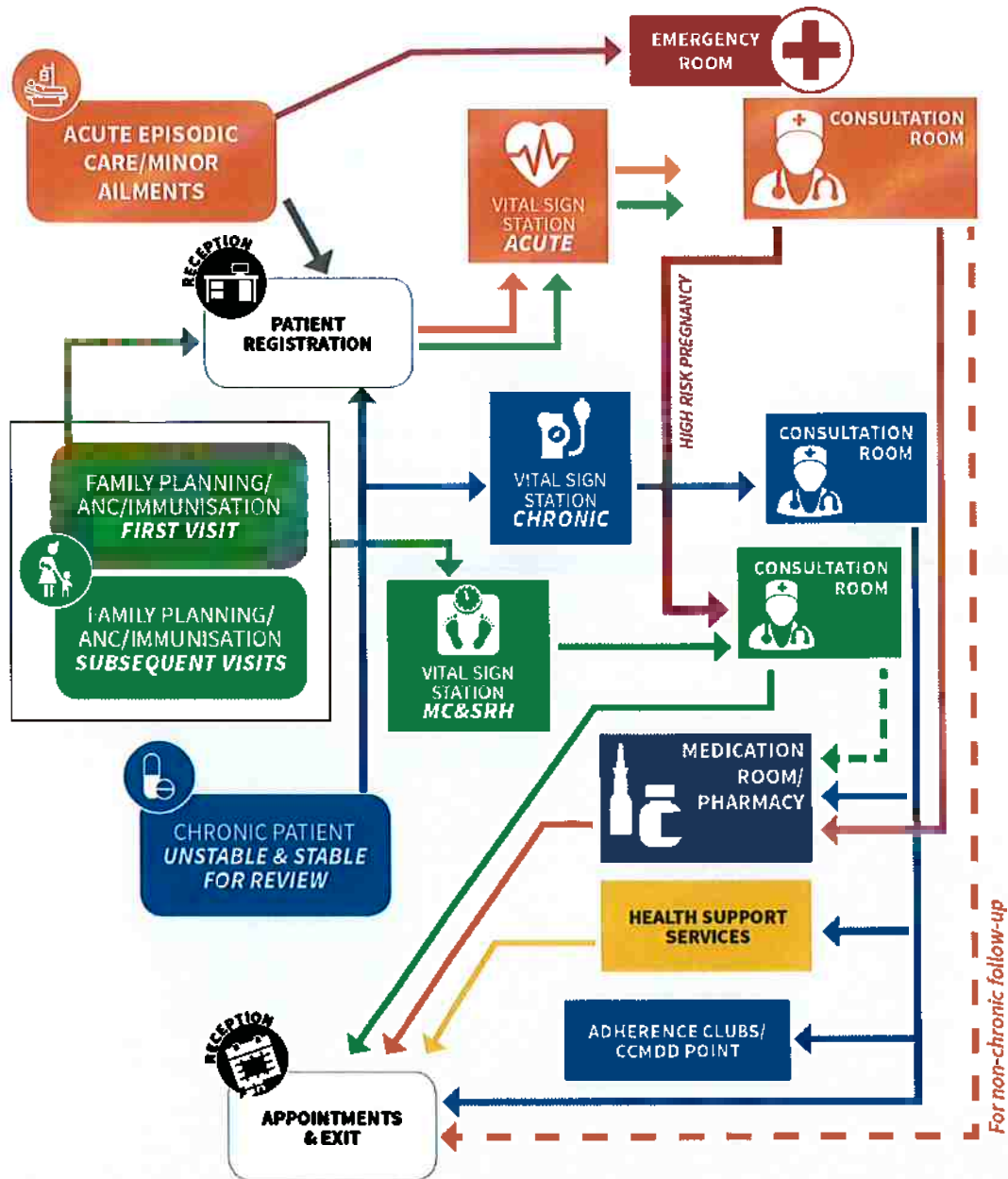


Figure 13: Ideal Clinic Stream process

SOURCE: INTEGRATED CLINICAL SERVICES MANAGEMENT MANUAL

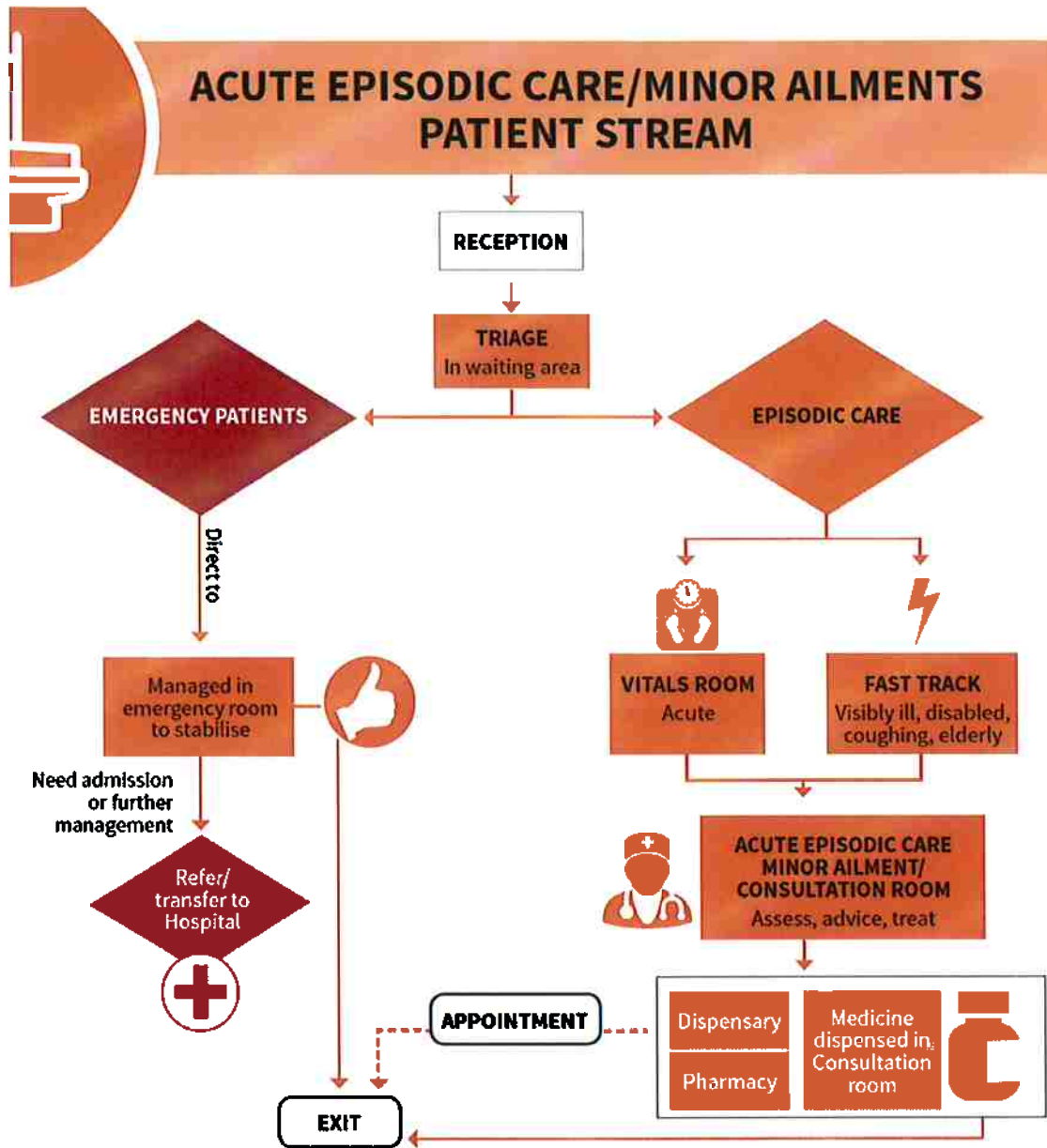


Figure 14: Acute Episodic Care/Minor Ailment Stream process

SOURCE: INTEGRATED CLINICAL SERVICES MANAGEMENT MANUAL

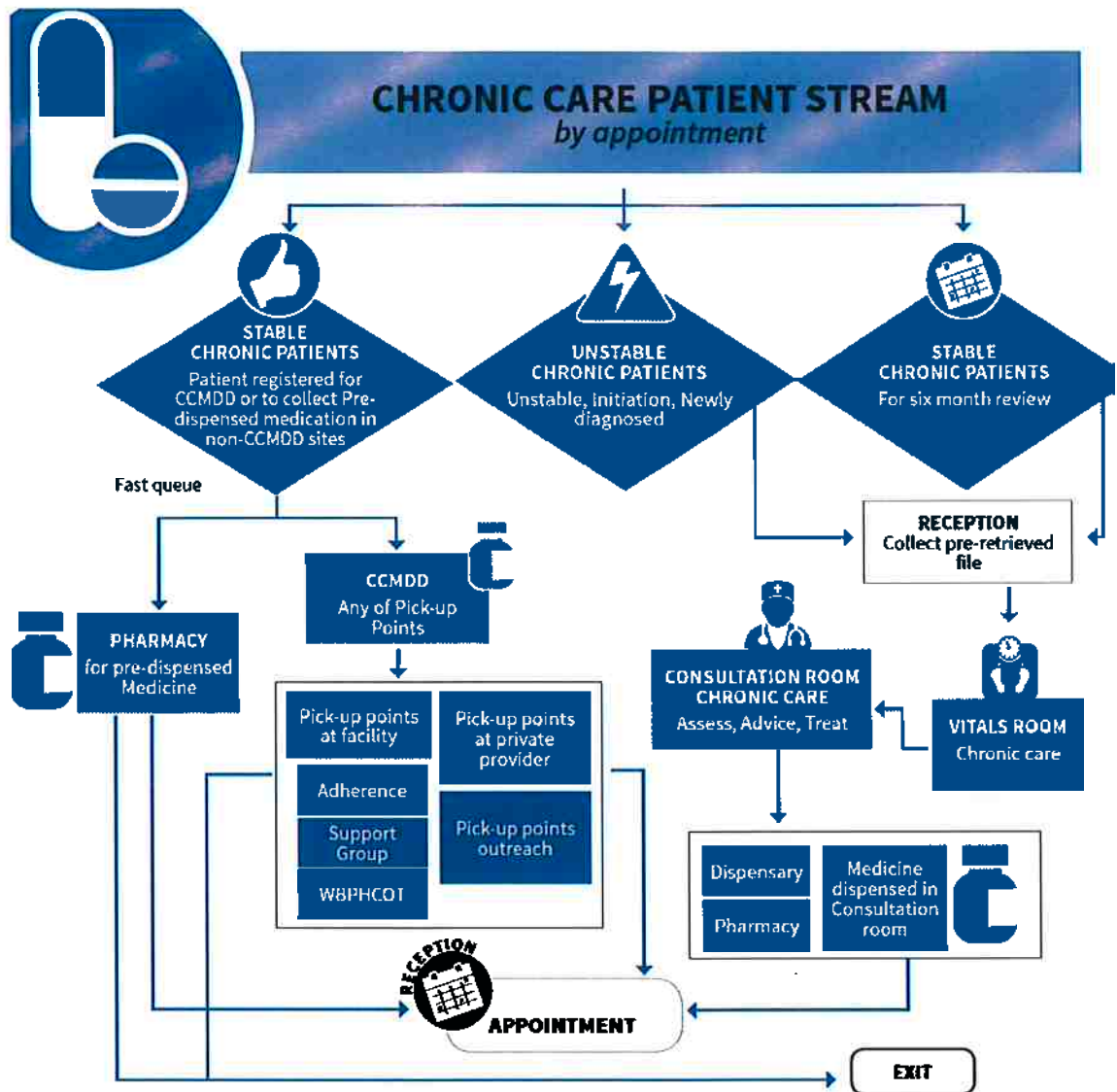


FIGURE 30: CHRONIC CARE PATIENT STREAM

Figure 15: Chronic Care Patient Stream process

SOURCE: INTEGRATED CLINICAL SERVICES MANAGEMENT MANUAL

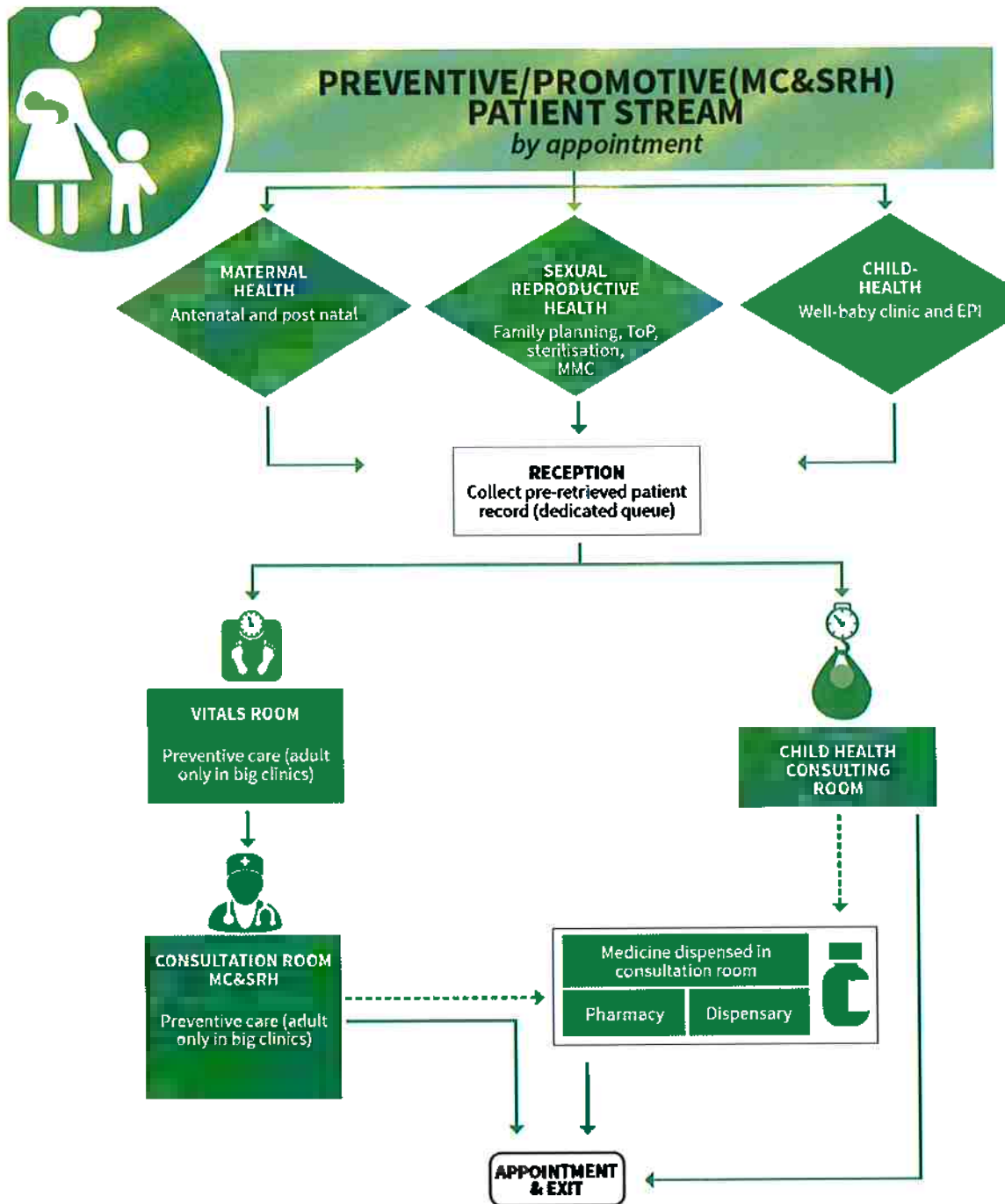


FIGURE 32: PREVENTIVE/PROMOTIVE CARE (MC&SRH) PATIENT STREAM

Figure 16: Preventative/Promotive Patient Stream process

SOURCE: INTEGRATED CLINICAL SERVICES MANAGEMENT MANUAL

3.2. COMMUNICATION AND CONTROL

The following guidelines is provided Communication and Communication systems:

- Planning should take into consideration the fact that telephones are required throughout the facility to facilitate good communication. This needs to be planned in conjunction with the system to be used throughout the mortuary;
- Phones need to be accessible;
- Effective communication system and information systems that will support body management and administration (radio or telephone). Personal telephones replacing some aspects of call systems;
- Receptions must be immediately visible upon entry should contains a desk/counter, chair and telephone with communication through to the relevant areas;
- IT & communication requirements especially related to the digital platform;
- The workstations in the autopsy area for doctors to sit or stand and write up notes, fill in forms, phone or discuss cases;
- Appropriate communication, whether radio or telephone, should be in place, so that mortuary vehicles can be called to transport body as the need arise as well as to be aware of incoming cases.
- Other systems required include:
 - WI-FI
 - Bar coding for supplies and X-rays / records
 - Computer network connections in all management and patient administration and information system
 - Electronic Patient Records
 - Patient Administration System (PAS)
 - Radiology Information system (RIS) (Digital x-rays and Picture Archiving)
 - Communication System (PACS)
 - Alarm - HVAC

PART C – TECHNICAL BRIEF

1. PROJECT SCOPE

1.1. PROJECT OVERVIEW



Mtubatuba Community Health Centre is situated in uMkhanyakude District in Mtubatuba town. It is strategically sited on the main road through the town to allow for easy public access. There is currently no existing Community Health Centre in Mtubatuba.

The site can be accessed by a number of routes and transportation routes. Most patients access the clinic on foot from the taxi rank and the town at large. There is also a pedestrian route along the southern boundary of the site from the informal settlement. The pedestrian routes, although convenient, are not formalised. The route on the southern boundary could benefit from lighting and levelling and hardening of the ground finish for safety. Pedestrian routes from the taxi rank and the town are relatively convenient. The community health centre is easily accessible by vehicle, directly off R618 Road of Mtubatuba which is the primary road through the town, just off the N3. It is proposed these patterns are maintained as they are convenient, efficient and functional, but are improved for safety and community benefit.



- Vehicular and Pedestrian Access and Parking

Taxis drive directly into the clinic itself to drop off patients. The clinic is easily accessible by vehicle, directly off the Main Road (R618), to make provision for official staff and public parking as parking is limited in health facilities for private vehicles as the staff vehicle ownership is high. The increased staff and patient usage will require formalised, ordered parking, with a dedicated taxi drop off area in order to improve patient convenience and safety.

In terms of internal pedestrian circulation the routes are scrambled due to the improvised and makeshift use of spaces. Vehicles and pedestrians, including mothers with small children with babies, cross freely which is a safety concern. The upper portion of the site is allocated to EMS and is not accessed by pedestrians. The Community Health Centre planning will be required to define these routes to manage circulation and movement.

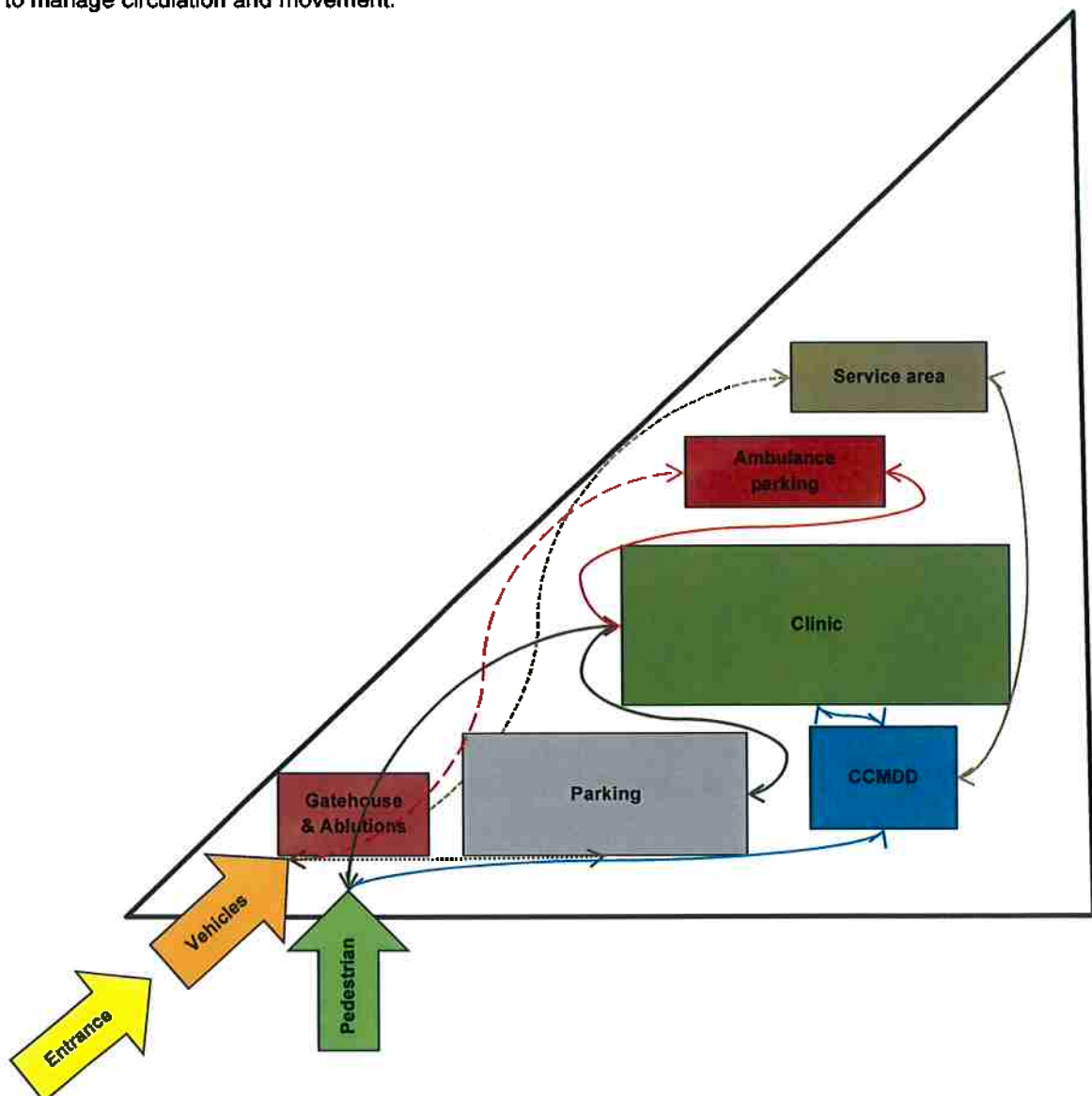


Figure 17: Circulation and movement of public, staff, patients, and visitors

1.1.1. Entrance Design

- The Entrance must be designed to clearly define safe access to the facility for both vehicles and pedestrians. These two must be separated and minimise cross traffic. Routes to the parking, services areas and the clinic must be clearly defined.
- The name of the facility, services rendered and time of operation must be clearly displayed.
- Sufficient lighting to be provided at night and the pedestrian access must be universally accessible from the access road.
- Standard building materials be used and the gates are to be of robust construction with strong security locking mechanisms.

1.1.2. Security and Access control

- Security and access control designs must conform to the KwaZulu-Natal Department of Health security policies.
- All windows to be fitted with suitable burglar bars and all doors with approved security gates. Fire escape routes to have appropriate security systems. All buildings to be fitted with an alarm system link to the security room and where required linked to armed response.
- The gate house will house security which will include a reception counter, gun safes and a private search room. All visitors will be required to sign in when visiting the facility. A 270° view must be provided from the security room and access to be under cover to protect visitors from inclement weather.
- A security station will be included into the help desk inside the clinic.
- The perimeter of the clinic will be fenced with an approved fence and have sufficient perimeter lights. All pathways to be universally accessible and will be lit by robust bollards of acceptable design.

1.1.3. Orientation and Rational Planning Principals

- **Architectural character** of the clinic has been kept low key using standard building materials and building elements as per the standard Community Health Centre specifications. Materials are expected to be readily available in all areas of the province.

The main elements of the building consist of face brick outer skin with plaster and paint inner skin walls, metal sheeting roof, steel windows with integrated burglar bars and screens (where applicable), External doors with security gates and internal doors steel frame doors with solid core timber doors.

The simple finishes will allow a blank canvas to introduce colour and art to the walls and floors.

- In order to respond to the **climate and the ventilation** requirements the buildings to be orientated on the **East/West** contour axis. This takes advantage of the all-day sunlight from the North and the South, while minimising the earthworks.

Due to the climate of exposure sun and rain, **verandas, courtyards and covered circulation spaces** are encouraged. Roof levels are to be kept low and will be properly insulated with large overhangs for protection. The external waiting areas consist of open verandas.
- Integrated external and internal areas** are to be connected by way of the central spine with access to all areas from this spine. Sufficient windows and doors should allow for cross ventilation.
- Space norms and room design** are guided by the Ideal Clinic standard documents and accommodation list and the standard prototype drawings for a Community Health Centre.
- The design of the building is **appropriate for the functions** intended to be carried out within the spaces designed. Each stream for the Ideal clinic is clearly defined with it required accommodation.
- Ergonomically** the design the design is to be safe and includes a minimum risk work and healing environment with sufficient design for universal design. Spaces are to be clearly defined and have sufficient access to windows for light and ventilation. Garden areas will be planted with low maintenance indigenous plants and will be visible from the waiting areas and central corridor.
- Compliance with quality assurance principals**

The Community Health Centre to be fully compliant with quality assurance principals as per the Ideal clinic requirements, SANS 10400 Building Regulations, prototype standard plans and IUSS guides.
- The design to balance requirements for **clinical need and capital**, and recurrent budget considerations by utilising simple /conventional construction methods and using standard, commonly available materials. This should reduce the carbon footprint as there will be little need to obtain materials far from site.
- Designing with a close relationship with nature**, enviro-friendly efficiency and a design that is flexible and adaptable to future change. Cross ventilation to allow for maximum natural ventilation. To design around trees and kept where indigenous. The site contours to be used a design tool for separation of services.
- Use of latest technology and innovations to aid in healing.** The Community Health Centre to be planned and equipped with the latest technology in terms of Information Technology, layout and workflow. Therefore, the standard plans to be updated and revised where necessary to reflect current standards.

1.1.4. Building and Engineering Services

Green initiatives must be considered and may include:

- Rain water harvesting
- Permeable paving
- Recycled materials
- Passive solar systems
- Grey water usage

The following engineering systems must be considered:

- **Mechanical Services**

- HVAC
- Oxygen, vacuum and medical gas
- Fire services
- Autoclaves and sterilisation

- **Electrical Services**

- Electricity
- Backup/Emergency Systems
 - UPS and
 - Emergency Generator
- High Tension Substations (HT) – if required
- Low Tension Substations (LT) – if required
- Lightning Protection
- Internal networking and cabling
- Nurse Call
- Public Announcement system

- **Civil Engineering**

- Water – to be connected to the Mtubatuba Municipal supply
 - Potable water
 - Fire Water
- Sewer - to be connected to the Mtubatuba Municipal system
- Storm water – to be reconfigured as part of the scope of this project
- Grey water

- **Other Bulk Services**

- ICT - network and cabling
- Electronics - access control
- Telecommunications
- IT Communication

1.1.5. Unit Configuration Principals

The following are the spatial layout for the clinic building/s.

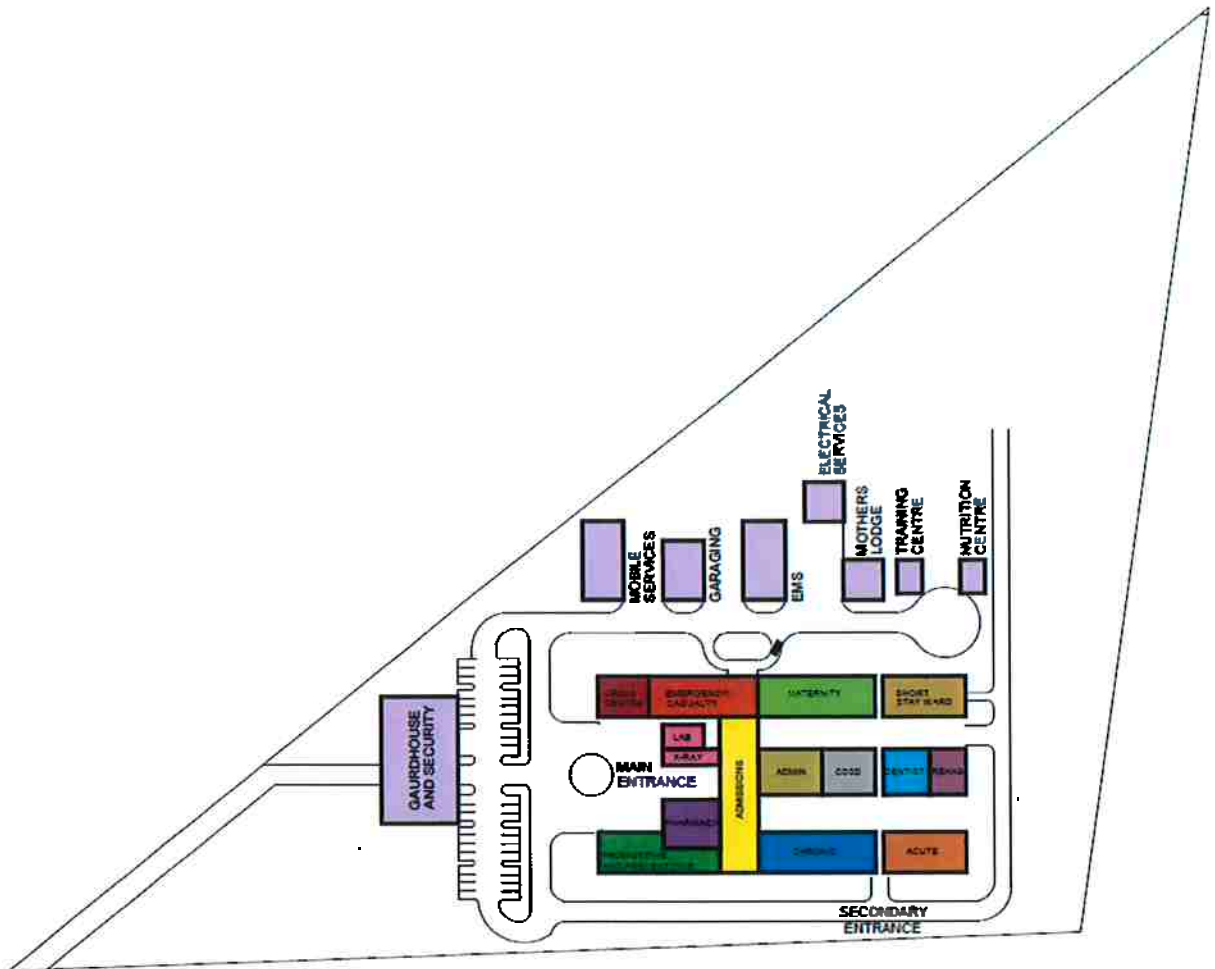


Figure 18: Spatial layout for the clinic building/s

The 3 streams are represented on the lower wing with a primary and secondary entrance for directing targeted streams. Health support services are located in the middle wing for centralised access. The upper wing is emergency, short stay and delivery services.

Ancillary and support building are to be located where convenient on the site linked by an internal ring road.

1.1.6. OVERALL STRATEGY

1.1.6.1. Project Management Life Cycle

The Project Management Life Cycle is a structure with a set of stages that will be required to transform the idea of the Maternity and Neonatal Units into reality in an organised and efficient manner. The project will follow the Infrastructure Delivery Management System (IDMS) and the Framework for Infrastructure Delivery and Procurement management (FIDPM).

1.1.6.2. Project Logistics

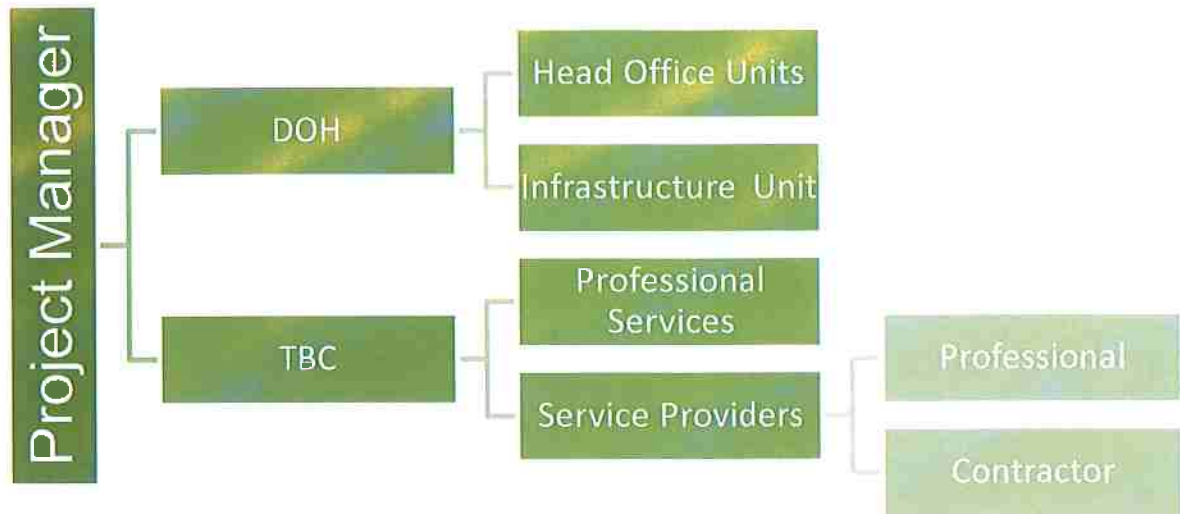
Project logistics involve the managing of resources, which will have a bearing on the project finance, including the following:

- **Project Team:** the right mix of stakeholder, professionals, contractors and administrative resources that is required for the project;
- **Physical Infrastructure:** the best suited spaces for the office team to perform duties in relation to the project;
- **Computing infrastructure:** required integrated business management system for the project execution phase;
- **Communication infrastructure:** required communication systems and facilities to allow communication at all levels;
- **Accessibility:** required access to transport, housing, commerce (all related) and medical facilities
- **Waste management:** requirement for proper waste management; including sustainable practices

1.1.7. PROJECT ORGANIZATION

The project organization is structured to facilitate the coordination and implementation of project activities thereby creating an environment that fosters interactions among the team.

The following structure is proposed which need to be developed further:



1.1.8. ASSUMPTIONS

The following assumptions have been made:

- Supply Chain Management (SCM) - It is assumed that KZN-DoH SCM will be responsible for the management of procurement processes and Contract Management; and will provide support in developing the necessary tender and contractual documentation;
- Department of Health Head Office - It is assumed that KZN-DOH Head Office staff, as identified under items 4.1.6 and 4.1.6.1 below, will be accessible to be able to provide input on designs quickly and respond to queries timeously;
- Forensic Pathology Services Management - It is assumed that the Management will be accessible to be able to approve designs quickly and respond to queries timeously;
- KZN-DOH Infrastructure Unit - It is assumed that the required complement of staff will be available to provide project services as indicated in item 4.1.6.1 below;
- Operational budget - It is assumed that the required additional operational budget will be available to run unit after completion;
- KZN-DOH staff - It is assumed that the required complement of staff will be available to provide service and to manage the unit after completion of the infrastructure works; and
- Project funding - It is assumed that Project funding will be available to fund this project.

1.1.9. CONSTRAINTS

The main constraints of the project is time as there is no existing facility and service delivery is impacted.

1.1.10. DEPENDENCIES

No particular dependencies have been identified at this time.

2. PROJECT REQUIREMENTS

Stakeholders have been consulted and the following requirements have been identified:

- Design and Construct a new mortuary complete with:
 - Public zone/Outer zone
 - Security, Reception, waiting, viewing, security and access roads, pathways and parking, and so on
 - Clinical zone/Intermediate zone
 - Drop off and dispatch
 - Body storage
 - Inner zone/Nucleus
 - Body preparation area
 - Autopsy area
 - Administration zone
 - Offices, meeting room
 - Service support zone
 - Storage areas, Waste management facilities, Plant rooms and other services

2.1. ORIENTATION AND RATIONAL PLANNING PRINCIPALS

For the purpose of this section, a designated facility in the FPS includes a medico-legal mortuary and undertakers' premises that are contracted by the FPS for purposes of storing bodies, and where applicable, to perform post mortem examinations and autopsies.

- All designated facilities are primarily controlled and managed in accordance with the provisions of the National Health Act, 2003 and the Occupational Health and Safety Act.
- All designated facilities must comply with the provisions of the section 8(1) of the Occupational Health and Safety Act No of 1993 which states that the employer shall provide and maintain a working environment that is safe and without the risk to the health of his / her employee.
- The mortuary is to be erected, equipped and maintained to:
 - Perform medico-legal post-mortem examinations.
 - Serve as a storage place for bodies of dead persons and human remains.
 - To maintain body tissues in a condition whereby the maximum scientific information can be obtained from a post-mortem examination and subsequent investigations.

- To provide facilities for bodies to be viewed or identified by relatives or friends.
- To prevent tissue decomposition while burial or cremation arrangements are made.
- To hold bodies and the occasional specimen for longer periods in conditions of security.
- Teach and train health care practitioners (medical practitioners, nurses, paramedics, forensic officers and health sciences students) and
- Harvest human tissue for transplantation, teaching and research purposes.
- Maintain a database with relevant records.

The following principals must be applied:

- Basic Human Rights
- Meet legal compliance (deemed to satisfy or rational design).
- Safe And secure environment with differentiated security features.
- Designed to deliver appropriate levels of resilience.
- Ensure building respond to the climate and the ventilation requirements of the facility;
- Appropriate space norms and room design;
- The design of a building that is appropriate for the functions intended to be carried out within the spaces designed;
- An ergonomically safe and risk-free work environment;
- Compliance with quality assurance principals;
- Design that balance requirements for clinical need and capital, and recurrent budget considerations;
- Designing close relationships with nature;
- Design with enviro-friendly efficiency as primary goal;
- Design that is flexible and adaptable to future change;
- Be physical accessible and welcoming to the community they serve, facilitates access to and within the area for physically and sensory impaired people, consideration should be given to a wide range of disabilities
- Ensuring that the functional and aesthetic requirements of furniture and fittings, fabric and finishes are met;
- Use of latest technology and innovations to aid in healing;
- Integrated external and Internal Recreation areas; and
- Promote occupational health, wellbeing and motivation to staff.

2.1.1. Phasing, Decanting and Redundancies

A. Phasing

No phasing is considered

B. Decanting

No decanting will be required.

C. Contingencies

No specific contingencies are required.

D. Redundancies

No redundancy has been identified.

2.1.2. Space requirements

It is important to adhere to certain general considerations. This includes considerations pertaining to layout and design, to the building itself, to accessibility, to the patient, to the staff, to security, to fire fighting and prevention, to general aspects, to information technology and specific to seclusion rooms. Please take note that these general considerations are applicable to all areas and buildings. Reference must be made to all current legislation, policies and guidelines in order that compliance is achieved.

2.1.3. Considerations for Layout & Design

The mortuary is a new facility and the dimensions, health technology, mechanical, electrical and wet services, lighting, HVAC, finishes and colour will be determined in relation to KZN-DOH specifications and IUSS guidelines.

2.1.4. Area requirement and related costing guidance

The mortuary is a new facility and area requirement and related costing guidance, must be determined in relation to KZN-DOH specifications and IUSS guidelines.

2.1.5. Standard specifications for the use of materials in the building

The mortuary is a new facility and specifications for the use of materials in the building must be determined in relation to KZN-DOH specifications and IUSS guidelines.

Material and construction technology is dependent on availability, applicability, labour intensives, maintenance requirements and innovative use of materials. Energy considerations are also to be adopted in the construction technology and material use.

2.1.6. Branding/aesthetic design preferences and requirements

The community health centre is a new facility and the branding/aesthetic design preferences and requirements must be determined in relation to KZN-DOH specifications. Language preference will be both English and isiZulu.

2.1.7. Future Expansion and Adaptability

The community health centre is a new facility and should be designed to be adaptable, flexible in use, to respond to change and to enable possible future expansion or repurposing.

2.1.8. Dignity, Privacy, Satisfaction of Individuals

The design of the building must by primarily be focused on staff and visitors. Services to be integrated so that they experience service Excellency.

Spaces are required offer privacy, where dignity is respected. The spaces should be reasonably soundproof, partitioned and screened from activities in the units.

Information technology should be maximised to ensure that where possible information is shared efficiently between all clinicians in a patient-focused manner.

3. SCOPE OF THE WORKS

3.1. THE SITE

The proposed site for the new community health centre has been identified.

3.1.1. Strategic location of site:

Proposed Site



Photo 19: Aerial view of site location

SOURCE: Google Maps

3.1.2. Site orientation

The site is located in the Southern side of Mtubatuba. It is a fairly level site. The site is located in an industrial area which have all the normal municipal services.

3.1.3. Planning restrictions

No planning restrictions are known.

3.1.4. Land use definition

Civic and Social

3.1.5. Heritage components

There are no known heritage components on the site.

3.1.6. The conditions of the site

A full cadastral survey and general site inspection will be required.

3.1.7. Geo-technical information

A Geo-tech investigation will be required prior to planning commencing.

3.1.8. Traffic impact study

A traffic impact study should not be required.

3.1.9. SPLUMA Application

The Mtubatuba CHC is a new facility and a SPLUMA application will be required.

Climatic conditions

The climate here is tropical. When compared with winter, the summers have much more rainfall. The Köppen-Geiger climate classification is Aw. In Mtubatuba, the average annual temperature is 21.8 °C | 71.2 °F. The annual rainfall is 901 mm | 35.5 inch.

Mtubatuba is located in the northern hemisphere. The balmy days of Summer commence at the end of June and conclude in September. This period encompasses the months: June, July, August, September. The best time to travel is January, February, March, April, November, December.

- The driest month is June, with 38 mm of rain. In March, the precipitation reaches its peak, with an average of 111 mm.
- February is the warmest month of the year. The temperature in February averages 24.9 °C. At 18.2 °C on average, July is the coldest month of the year. The wettest month is March (13.47 days). The driest month is June (6.60 days).

SOURCE: <https://en.climate-data.org/africa/south-africa/kwazulu-natal/jozini-772731/>

- Flat roofs and box gutters are not permitted.

3.1.10. Aviation for emergency aircraft

A registered helistop will be required for this service.

3.1.11. Seismic activity

No known significant seismic activity

3.1.12. Radio towers

Unknown.

3.1.13. Bulk Services

Bulk services are available on site and the facility will connect into the existing services however all services must be tested and verified to ensure that the existing services are functional and sufficiently sized to accommodate the extra load. If insufficient, provision must be made for upgrading. Services required (not inclusive) include:

- Electrical systems
- Water
 - Potable water
 - Fire Water
 - Sewer
 - Storm water
- Telecommunications
- IT Communications

3.1.14. Department orientation and positioning relative to entrances

The buildings are to be orientated to utilise natural lighting and ventilation as applicable to various areas.

3.2. PHYSICAL INFRASTRUCTURE PLANNING AND DESIGN

Please refer to Part B - Clinical brief above but the following is highlighted:

3.2.1. Special Design Considerations

Please refer to the relevant IUSS guidelines for specific design considerations.

A. General Aspects

- Choice of materials, finishes and workmanship must be durable and cleanable especially in wet areas.
- Landscaping of the gardens must be built into the contract to ensure gardens are both easy to maintain. This should be accommodated in the landscape plans, and sited correctly.
- All areas must be well ventilated, if possible air-conditioned. Care should be taken when designing HVAC systems to accommodate higher and lower pressure areas both for infection prevention and also odour control.
- Good use of familiar non institutionalised materials, colour and finishes.

- Appropriate, durable and cost-effective finishes are required. It is important that the types and quality of finishes are researched and approved by the service practitioners who can also advise on the colour and colour scheme suitable.
- Buildings also need to be efficient and cost effective and should not accommodate redundant or concealed areas. Maintenance must be considered when planning the building. Building with face bricks, although more expensive, saves on painting in the future. Ensuring that pipes are accessible will assist with future maintenance, the safety of the maintenance staff must also be considered in the design. Electrical, plumbing and mechanical fittings must be vandal-proof. Electrical fittings must be tamper proof.
- Adequate housekeeping spaces must be provided in appropriate and secured spaces. The building should be easy to clean and to maintain. Finishes and detail should not collect dirt in crevices and joints.
- Normal disabled friendly design to be implemented.
- The facility must have proper and good illumination at night.
- The site preparation, construction and operation / maintenance of the building itself must be environmentally friendly and compliant with all environmental legislation.
- Energy and water efficiency and the use of solar to be considered in the design.
- Paint used on walls to be washable paint.
- Internal layout of the building must be such that the number of internal spaces requiring forced ventilation shall be minimised. While this would be the preferred design option, it must at all times be taken into account that the provision of open window spaces and the design thereof are restricted and limited by the nature of the service provided and that security and safety standards according to the level of daily operations, must at all times outrank the requirement for reduced forced ventilation.

B. Orientation

Maximisation of building orientation is necessary for thermal control and building usage. The thermal control, maximising the relationship between external and internal views is important for staff and visitors. Thus, all staff areas, including waiting areas may offer un-obstructed visual and physical access to the external environment.

Wind direction will play an important role in building orientation when ventilation calculations are done.

C. Building Construction Technology and Material Usage

Material and construction technology is dependent on availability, applicability, labour intensives, maintenance requirements and innovative use of materials. Energy considerations are also to be adopted in the construction technology and material use.

KwaZulu-Natal specification documents must be used in determining material and construction technology usage.

D. Structure

The structure is expected to consist of a multi-storey concrete structure with brick infill building/s.

Foundations are to be determined on site depending on the geotechnical information.

Roofs

Please note the following:

- Flat roofs and box gutters are specifically prohibited.
- Roofs may be used to promote natural ventilation including passive extraction.
- Care to be taken to design to extreme weather events as applicable including severe hail storms.
- Roof designs to be as simple as possible and to be highly maintainable.
- Provision to be made for all necessary rainwater goods that promote ease of maintenance.
- Provision for services are to be considered in the roof void.

There should be ease of access into the roof space and a minimum of 450mm wide walkway with lighting shall be provided for maintenance personnel within the roof void. Enough headroom shall be provided to allow for maintenance personnel.

The required roof space configuration should allow:

- Space for the electrical spine.
- Space for hot and cold-water pipe work.
- Space for ventilation fans and ductwork.
- Space for hide-way air conditioning unit and ductwork.
- Access to all the above for servicing, maintenance and additional services (long life and loose fit).
- Thermal regulation of the accommodation below by adequate natural ventilation of the roof space.
- Roofs material to be metal sheeting as per KZN DOH specifications

External Openings

Adequate natural daylight – 150 lux is required in the patient day room. External doors to be protected, as the doors are vulnerable to damage and need adequate protection.

All doors to be access controlled except for dedicated fire escape door that must be fitted with the required access control systems.

Internal Openings

A minimum clear width for the movement of a stretcher is 1400mm where no turning is necessary in the doorway i.e. a corridor width of 2200mm. The preferred door width to rooms should allow for wheelchair access of 915- 1220mm.

Doors and door frames to comply with KZN DOH specifications.

4. PROJECT MANAGEMENT PLAN

4.1. PROJECT MANAGEMENT AND CONTROLS

4.1.1. PROJECT INTEGRATION MANAGEMENT

It is important that this project and the various processes be integrated and managed as a holistic whole. Project integration management is necessary so that the project team will work together seamlessly. The Integration management plan must include the various processes, systems, and methodologies that follows to develop cohesive strategy.

The Project Integration Management plan must identify, describe, combine, unify, and coordinate the project processes and related activities with project team. The following processes have been identified for this project:

- Scope Management
- Time Management
- Cost Management
- Quality Management
- Resource Management
- Communication Management
- Risk Management
- Stakeholders Management
- Change Management

Also included is the Procurement Strategy and Management plan

The project will be managed, and will required sign-off and/or approvals, utilising the Infrastructure Delivery Management Systems which included seven (7) stages, as detailed in the Framework for Infrastructure Delivery and Procurement Management (FIDPM) below:

Table 9: IDMS Stages

Stage	Name	End of Stage Deliverables
1	Initiation	Initiation Report or Prefeasibility Report
		<i>(i) The Initiation Report, which defines project objectives, needs, acceptance criteria, department's priorities and aspirations, procurement strategies, and which sets out the basis for the development of the Concept Report.</i>
		Or
		<i>(ii) A Prefeasibility Report, is required on mega capital projects to determine whether or not to proceed to the Feasibility Stage, where sufficient information is presented to enable a final decision to be made regarding the implementation of the project.</i>

Stage	Name	End of Stage Deliverables
		Stage 1 for this project is complete when the Clinical brief and project brief has been approved.
2	Concept	<p>Concept Report or Feasibility Report</p> <p>(i) The Concept Stage represents an opportunity for the development of different design concepts to satisfy the project requirements, as developed during Stage 1. It also presents, through the testing of alternative approaches, an opportunity to select a particular conceptual approach. The ultimate objective of this stage is to determine whether the project is viable to proceed, with respect to available budget, technical solutions, time-frame and other information that may be required.</p> <p>(ii) The Concept Report should as a minimum, provide the following information:</p> <p>a) Document the initial design criteria, cost plan, design options and the selection of the preferred design option, or the methods and procedures required to maintain the condition of infrastructure for the project.</p> <p>b) Establish the detailed brief, scope, scale, form and cost plan for the project, including, where necessary, the obtaining of site studies and construction and specialist advice.</p> <p>c) Provide an indicative schedule for documentation and construction or maintenance services, associated with the project.</p> <p>d) Include a site development plan, or other suitable schematic layouts of the works.</p> <p>e) Describe the statutory permissions, funding approvals and utility approvals required to proceed with the works associated with the project.</p> <p>f) Include a baseline risk assessment for the project, and a health and safety plan, which is a requirement of the Construction Regulations, issued in terms of the Occupational Health and Safety Act.</p> <p>g) Contain a risk report linked to the need for further surveys, tests, other investigations and consents and approvals, if any, during subsequent stages and identified health, safety and environmental risk.</p> <p>(iii) A Feasibility Report shall, as a minimum, provide the following information:</p> <p>a) Details regarding the preparatory work covering:</p> <ul style="list-style-type: none"> • A needs and demand analysis with output specifications. • An options analysis. <p>b) A viability evaluation covering:</p> <ul style="list-style-type: none"> • A financial analysis. • An economic analysis, if necessary. <p>c) A risk assessment and sensitivity analysis;</p> <p>d) A professional analysis covering:</p> <ul style="list-style-type: none"> • A technology options assessment. • An environmental impact assessment. • A regulatory due diligence. <p>e) An implementation readiness assessment covering:</p> <ul style="list-style-type: none"> • Institutional capacity. • A procurement plan. <p>Stage 2 for this project is complete when the Concept Report (utilising the prescribed HIAC Stage 2 report) is complete and approved.</p>
3	Design Development	<p>Design Development Report</p> <p>(i) The Design Development Report shall as necessary:</p> <p>a) Develop in detail the approved concept to finalise the design and definition criteria.</p>

Stage	Name	End of Stage Deliverables
		<p>b) Establish the detailed form, character, function and costings.</p> <p>c) Define all components in terms of overall size, typical detail, performance and outline specification.</p> <p>d) Describe how infrastructure or elements or components thereof are to function, how they are to be safely constructed, how they are to be maintained and how they are to be commissioned.</p> <p>e) Confirm that the project scope can be completed within the budget or propose a revision to the budget.</p> <p>Stage 3 for this project is complete when the Design Development Report (utilising the prescribed HIAC Stage 3 report) is approved.</p>
4	Design Documentation	<p>Design Documentation</p> <p>(i) Design documentation provides the:</p> <p>a) production information that details, performance definition, specification, sizing and positioning of all systems and components that would enable construction;</p> <p>b) manufacture, fabrication and construction information for specific components of the work informed by the production information.</p> <p>Stage 4 for this project, is complete when the Design Documentation Report (utilising the prescribed HIAC Stage 4 report) is approved.</p>
5	Works	<p>Completed Works capable of being used or occupied</p> <p>(i) The following is required for completion of the Works Stage:</p> <p>a) Completion of the works is certified in accordance with the provisions of the contract; or</p> <p>b) The goods and associated services are certified as being delivered in accordance with the provisions of the contract.</p> <p>Stage 5 is complete when the Works Completion Report (utilising the prescribed HIAC Stage 5 report) is approved.</p>
6	Handover	<p>Works which have been taken over by user or owner; completed training; Record Information</p> <p>(i) The following activities shall be undertaken during the handover stage:</p> <p>a) Finalise and assemble record information which accurately reflects the infrastructure that is acquired, rehabilitated, refurbished or maintained;</p> <p>b) Hand over the works and record information to the user organisation and if necessary, train end user staff in the operation of the works.</p> <p>Stage 6 is complete when the Handover/Record Information Report (utilising the prescribed HIAC Stage 6 report) is approved.</p>
7	Close-Out	<p>Defects Certificate or Certificate of Final Completion; Final Account; Close-Out Report</p> <p>(i) The Close-Out Stage commences when the end user accepts liability for the works. It is complete when:</p> <p>a) Record information is archived;</p> <p>b) Defects certificates and certificates of final completion are issued in terms of the contract;</p> <p>c) Final amount due to the contractor is certified, in terms of the contract;</p> <p>d) Close-Out Report is prepared by the Implementer and approved by the Client Department.</p> <p>Stage 7 is complete when the Close-out Report (utilising the prescribed HIAC Stage 7 report) is approved.</p>

4.1.2. PROJECT SCOPE MANAGEMENT

The following broad Scope Management Plan has been formulated:

4.1.2.1. Project Objectives, Deliverables and Critical Success Factors

The following project objectives have been identified:

- To build a new fully resourced Community Health Centre (CHC).
- To enhance uMkhanyakude district CHC services.
- To ensure compliance National Code of Guidelines for the CHC to the greatest extent allowable.
- To ensure that the environment is conducive in terms of OHS for staff working at the facility and to ensure dignity and privacy for public utilising the facility.
- To ensure that the dignity and the rights of the health care users are maintained.

The project deliverables have been identified as follows:

- (i) To complete the Clinical and Project briefs and received approval thereof;
- (ii) To appoint Implementing Agent to undertake the implementation of the project;
- (iii) To develop a feasibility study and concept development and received approval thereof;
- (iv) To Design and document the project for work implementation and received approval thereof;
- (v) To construct the new mortuary and received approval of the works;
- (vi) To finalise the hand over, completion and close out of the project.

The following success factors will be applied to this project:

- The project must be lead, managed and planned to ensure that the objective are met. This will be monitored in line with the Department's reporting systems;
- The correct and suitable persons be appointed to the project team to ensure the successful completion of the project and to ensure that opportunities be created at all levels for learning and development;
- Operations and Work processes must be put in place to ensure smooth, integrated and managed project implementation on all levels;
- Sufficient Stake holder engagements to take place so that the project is implemented successfully; and
- Project finances as managed to ensure appropriated application thereof.

4.1.2.2. Scope Control and close-out

Scope control involves the tracking, managing and monitoring the progress of the project and include tracking and filing documentation, managing scope creep, monitor the work during each phase, and disapproving/approving any deviation/changes along the way and at the end of each stage. The project will be presented to HIAC at the end each stage and the required prescripts need to be adhered to including requirements included in the "End-of-Stage" reports.

The scope of the works will be "closed" at the end of each stage. It is not expected that the scope will change beyond IDMS Stage 3. Deviations will be approved at the end of each stage. During the Close-out Stage of the project, the "wrap up" part of the process, which involves an audit of the project deliverables, lessons learned and the development of a Post Occupancy Report.

4.1.2.3. Work Breakdown Structure

The following is a high-level Work Breakdown Structure and must be developed further to include required structures. The WBS below only detail Stage 1 progress.

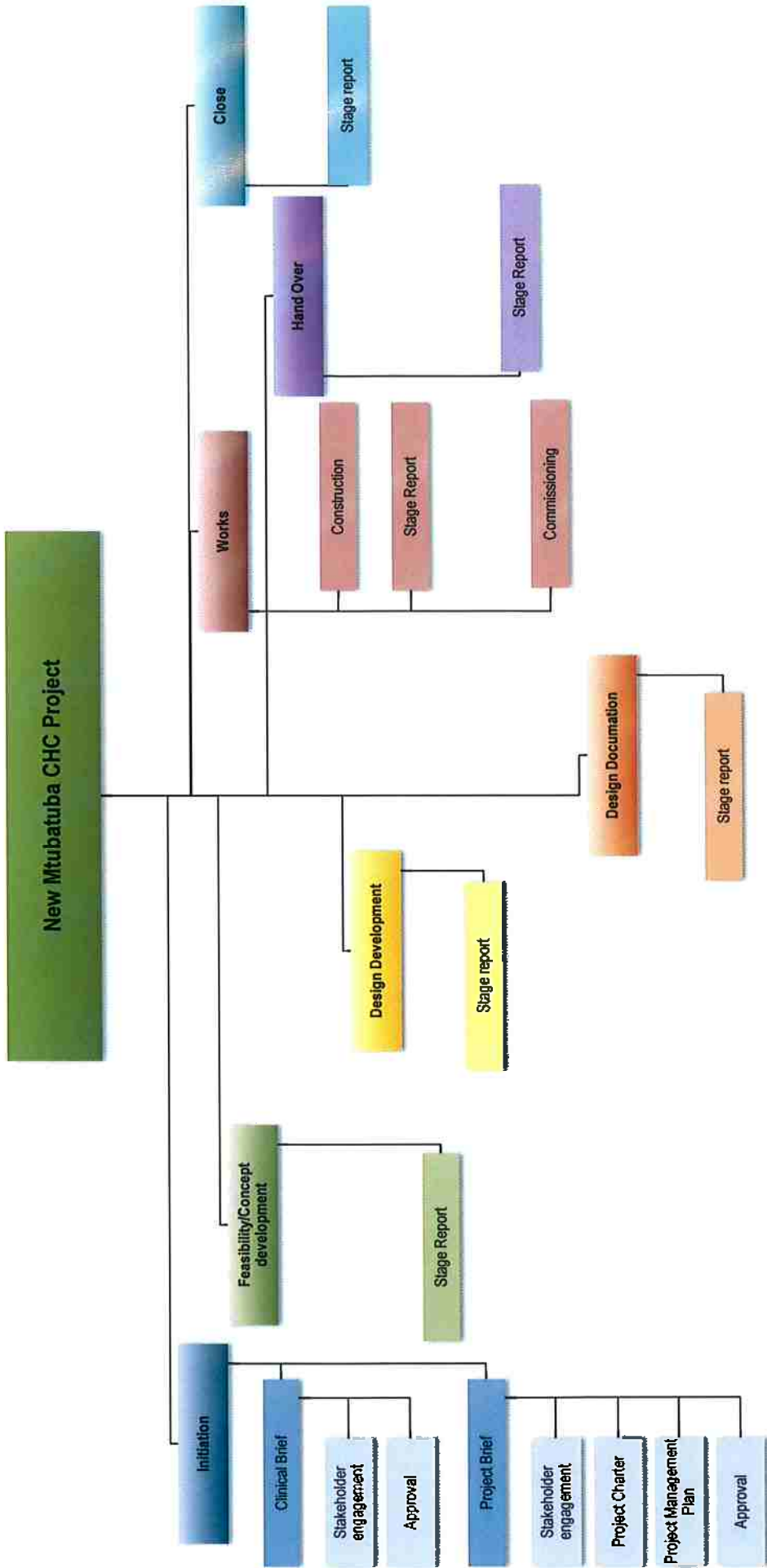


Figure 20: Work Breakdown Structure

4.1.2.4. Roles and Responsibilities of the Project Team

A. Appointment of External Service Providers

The KZN-DOH will enter into a legally binding agreement with each Professional Service Provider (PSP). However, over and above the agreement, the following expectations by KZN-DOH from the PSP's are highlighted:

- Cost effective proposals including where possible alternative economical proposals
- A Maintenance conscious facility and including a baseline maintenance plan at the end of the project
- An Environmental conscious facility
- A Facility to promote healing
- A Facility that will stand the test of time
- Consideration to alternative, but tested and accepted construction methods, systems and installations
- Timeous response time and provision of documents including the following:
 - Programmes and milestones
 - Designs, reports and specifications
 - Cost reports
 - EPWP reports
 - Completion certificates
 - As-built drawings, specifications, manuals, baseline maintenance plan, certificate
 - Close-out report
- Compliance to Legislative requirements
- Compliance to Policies
- Compliance to Norms and Standards (both National and Provincial)

B. Appointment of Contractors or Suppliers

The KZN-DOH will enter into a legally binding agreement with the Contractor or Supplier. However, over and above the agreement, the following expectations by KZN-DOH from the Contractor or Supplier are highlighted:

- Effective Time management
- Effective Project Management
- Effective Cost Management
- Effective Resource Management
- Effective Communication
- Adherence/Compliance to all applicable Legislation

- Adherence/Compliance to all applicable policies
- Adherence/Compliance to all applicable norms and standards

4.1.2.5. Roles and Responsibilities of the Department of Health

Over and above the SLA as noted under A. above the following roles and responsibilities are highlighted:

- Effective management and co-ordination of all stages of the project
- Effective management and co-ordination to all legislative requirements
- Quality control and compliance.
- Effective manage Procurement preparation processes in terms of the PFMA, SIPDM and Treasury Regulations.
- Contract and project management
- Effective Financial management.
- Effective Time Management
- Manage completion processes and retention periods.
- Manage timeous and complete Close-out of Project including as-built documentation, manuals compliance certificates and related documentation.
- Manage all required reporting, documentation and archiving of documents
- KZN-DOH will have an oversight role

4.1.2.6. Approval process

The approval process involves the tracking, managing and monitoring the progress of the project and include tracking and filing documentation, managing scope creep, monitor the work during each phase, and disapproving/approving any deviation/changes along the way and at the end of each stage. The project will be presented to the Health Infrastructure Approval Committee (HIAC) at each stage and the required prescripts need to be adhered to including requirements included in the Stage reports.

The scope of the works will be "closed" at the end of each stage. It is not expected that the scope will change beyond stage 3. Deviations will be approved at the end of each stage. During the Close-out Stage of the project, the "wrap up" part of the process, which involves an audit of the project deliverables, lessons learned and the development of a Post Occupancy Report.

4.1.2.7. Change requests

Any change request must be a formal submission that is submitted to KZN-DOH for approval. Changes may include: Scope changes, budgetary changes or time changes.

The approval process will follow the guidelines as is contained in the Project Procedure Manual & IDMS Guidelines as approved on 04 April 2020.

4.1.3. PROJECT TIME MANAGEMENT

The project will rely on several different timelines and the schedules of multiple people. Therefore effective time management is critical. A Time Management plan is required and a tool such a Gantt chart is recommended to augment the plan. It is recommended that the plan be monitored on a bi-weekly basis.

The following time line is recommended:

Table 10: Milestones and Tasks

Professional Milestones	FIDPM	Milestone	Date	% Project Complete
		PROJECT START DATE	01/01/2023 – 28/02/2023	0%
Stage 1	Stage 1	PRE-FEASIBILITY	31/01/2023 - 28/02/2023	3%
Procurement		AWARD (PSP)	FEASIBILITY	31/03/2023
Stage 2	Stage 2	DESIGN	31/05/2024	30%
Stage 3	Stage 3	TENDER	30/11/2023	40%
Stage 4	Stage 4	CONSTRUCTION	01/12/2023-30 Nov 2026	81%
Procurement		Construction 0 - 25%	01/12/2023	51%
Stage 5	Stage 5	Construction 26 - 50%	01/09/2024	61%
		Construction 51 - 75%	01/06/2025	70%
		Construction 76 - 100%	30/04/2026	81%
		PRACTICAL COMPLETION	01/05/2026	81%
		HANDED OVER	01/07/2026	84%
		WORKS COMPLETION	01/09/2026	91%
	Stage 6	FINAL COMPLETION	31/08/2027	96%
Stage 6	Stage 7	Close-out	31/12/2027	100%

4.1.4. PROJECT COST MANAGEMENT

The project budget is estimated however throughout the project various estimates will be required and will conclude with the final account/s. As a minimum, the following minimum will be required as part of the End Stage reports:

- Stage 1: Initial estimate as per item
- Stage 2: Preliminary Estimate (OOM)
- Stage 3: Detailed Estimate (Elemental estimate)
- Stage 4: Bill of Quantities
- Stage 5: Monthly Payments
Monthly Cashflows
Variations
Draft re-measurements

Stage 6:	Nil
Stage 7	Final Account/s

4.1.4.1. Budget Control

The following amounts are included for reference purposes and adjusted estimates will be approved during the various End Stage approvals. The cost are reflected as follows:

- (vii) Infrastructure component
 - Fees, Building and related infrastructure bulk services
 - HT (furniture, medical equipment, IT hardware and software, linen & crockery and cutlery)
 - Commissioning costs
 - Operating costs

The Project Manager will be responsible to ensure that necessary controls are in place and that the budgets are not exceeded without a fully motivated and approved submission to the KZN-DOH CFO and HOD.

4.1.4.2. Fees, Building and related infrastructure bulk services

The Funding Source for the project is the Health Facility Revitalisation Grant.

Building Cost (incl. VAT)

Funding source		
Budgetary Item	Amount	Explanatory Notes
Current Estimated Building Cost	R 274 125 081.91	Date of estimate: 24 May, 2023
Pre-tender escalation	R 9 868 502.95	0.3 % per month for 12 months
Post-tender escalation	R 2 960 550.88	0.3 % for 6 months x 0.6
Estimated Fees	R 8 422 400.00	20 % of construction cost
Contingency	R 28 695 413.57	10 % provision
Estimated Building Cost (Incl. VAT)	R 286 954 135.00	
Estimated Building Rate per m2 (incl. VAT)	R 51 499.00 / m²	

4.1.4.3. Health Technology

HT (Furniture & Equipment) Cost (incl. VAT)

Funding source		
Budgetary Item	Amount	Explanatory Notes
Current estimate for HT (Equipment)	R 12 027 500.00	
Current estimate for Furniture	R 6 579 793.19	
Provision for Escalation	R 0.00	
Estimated fees	R 0.00	
Estimated Commissioning Cost	R 500 000.00	
Estimated escalation	R 250 000.00	
Estimated additional Operational Cost	R 0.00	

HT (Furniture & Equipment) Cost (incl. VAT)

Estimated HT (Furniture & Equipment) Cost (incl. VAT)	R 19 357 293.19
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4.1.4.4. Commissioning**Commissioning (incl. VAT)**

Funding source		
Budgetary Item	Amount	Explanatory Notes
Current estimate for Commissioning (Salaries only)	R 2 000 000.00	Additional expenditure for salaries only.
Provision for Escalation	R 200 000.00	@ 5% per year
Estimated fees	R 1 000 000.00	Estimate fees for 2026/27 financial year
Estimated Commissioning Cost (incl. VAT)	R 3 200 000.00	

4.1.4.5. Operational Cost

The estimated additional operational cost for the Mtubatuba CHC is as follows:

Annual Operating Cost (incl. VAT) – 2018/19 Financial Year

Funding source		
Budget control head office		
Budgetary Item	Amount	Explanatory Notes
Salaries	R124 877 901.75 p/a	Provide breakdown
Electricity, water, medical gases, fuels	R 3 520 000.00 p/a	Using global expenses / Estimate
Security services	R 2 500 000.00 p/a	Using global expenses / Estimate
Rates & taxes	R 3 900 000.00 p/a	Using global expenses / Estimate
Estimated Annual Operating Cost (incl. VAT)	R 134 797 901.75 p/a	

4.1.4.6. Multi-year budget for the project

The estimated budget (excluding Operational Cost) for the MTEF is as follows:

MTEF and beyond	Fees	Construction	Total
Yr 22/23	R 0.00	R 0.00	R 0.00
Yr 23/24	R 500 000.00	R 2 500 000.00	R 3 000 000.00
Yr 24/25	R 3 000 000.00	R 120 000 000.00	R 123 000 000.00
Yr 25/26	R 2 000 000.00	R 120 000 000.00	R 122 000 000.00
Yr 26/27	R 2 000 000.00	R 60 000 000.00	R 62 000 000.00
Yr 28/29	R 422 400.00	R 7 071 429.00	R 7 493 829.00
Yr 29/30	R 0.00	R 0.00	R 0.00
TOTAL	R8 422 400.00	R 309 571 429.00	R 309 571 429.00

4.1.5. PROJECT QUALITY MANAGEMENT

Project Quality Management is required to continually monitor the quality of all activities and taking corrective action if need be. Quality management include cost control of the project, establishment and requirement to achieve standards, which will lower the risks. Project Quality Management must include the following:

4.1.5.1. Quality control

The Quality Management Plan must monitor and document the successful completion of the Community Health Centre (CHC) and that it is fully compliant to specification and guidelines.

The plan must monitor the following:

- Compliance to standards (Please refer to the IUSS HEALTH FACILITY GUIDES as applicable)
- Deviations
- Variations
- Acceptance by End-User
- Patient satisfaction

4.1.5.2. Quality assurance

Quality assurance require documentary evidence that the project activities are implement as defined and promised. A measurement system must be developed to monitor

- Data accuracy for Precision
- Data to measure
- Successive measurements of Reproducibility – different appraisers measuring the same item get the same result

4.1.5.3. Quality control

Quality control involves the required operational techniques meant to ensure quality standards. This includes identifying, analysing, and correcting problems.

While quality assurance occurs before a problem is identified, quality control is reactionary and occurs after a problem has been identified, and suggests methods of improvement.

Quality control monitors specific project outputs and determines compliance with applicable standards. It also identifies project risk factors, their mitigation, and looks for ways to prevent and eliminate unsatisfactory performance.

Quality control can also ensure that the project is on budget and on schedule. Monitoring the project outputs can be done through peer reviews and testing. By catching deliverables that aren't meeting the agreed upon standards throughout, you'll be able to simply adjust your direction rather than having to entirely redo certain aspects.

Ensuring quality measures and controls are adhered to, requires a multi-disciplinary team approach.

Benefits of project quality management:

- Quality products
- Customer satisfaction
- Increased productivity
- Financial gains
- Removes silos/better teamwork
- Discrepancy

4.1.6. RESOURCE MANAGEMENT

It is expected that the Project Manager will manage all resources that would be required to complete the project, including People, Equipment, Facilities, and Budget. The required resources must be deployed to achieve the planned outcome. A resource plan must be prepared and managed accordingly.

4.1.6.1. Project Team

The project team must, as a minimum, consist of the following, but this must be adjusted throughout the duration of the project as applicable:

KZN Department of Health - Infrastructure Development

Team Member	Skill level required
Project Leader	Project Management skill required
Architect	Level 12: Architect
Electrical Engineer	Level 10: Engineer
Mechanical Engineer	Level 12: Engineer
Civil/Structural Engineer	Level 10: Engineer
Quantity Surveyor	Level 10: Quantity Surveyor
Health and Safety Liaison	Level 10: Health and Safety Officer
Administrative support	Finance, Admin and PMIS skills required

KZN Department of Health – General

Team Member	Skill level required
Specialised and Clinical Support Liaison	Must have knowledge of provincial and departmental policies re Forensic Pathology Services
Forensic Pathology Services Liaison	Must have knowledge of provincial and departmental policies re Forensic Pathology Services
IT Services Liaison	Must have knowledge of provincial and departmental policies re IT services

Team Member	Skill level required
Security Services Liaison	Must have knowledge of national, provincial and departmental policies re security, level of security required
Infection Prevention Control (IPC) Liaison	Must have knowledge of national, provincial and departmental policies re IPC, materials and fittings for accommodation
UMkhanyakude Health District Liaison	Must have decision-making delegations Must have knowledge of provincial and departmental policies re Forensic Pathology Services Must have knowledge of Hospital Infrastructure and Maintenance plans

External Resources may only be procured if there is insufficient in-house skills available within the Implementing Agent. Justification must be provided in terms of National treasury Instruction No 2 of 2017/2018 and specifically item 4. Should external resource be required, it is recommended that the following be considered (as is required to augment any In-house capacity):

Team Member	Skill level required
Principal Agent	University degree, Professional registration and 6 years post registration experience Project Management skill required. 5 years' experience in the Health planning environment
Architect	University degree, Professional Architect registration and 6 years post registration experience in the health field
Electrical Engineer	University degree, Professional registration and 3 years post registration experience
Mechanical Engineer	University degree, Professional Engineer registration and 6 years post registration experience in the health field
Civil/Structural Engineer	University degree, Professional Engineer registration and 3 years post registration experience
Quantity Surveyor	University degree, Professional QS registration and 6 years post registration experience
Land Surveyor	5 Years' Experience in the Surveying Field
Geotechnical Engineer	University degree, Professional Engineer registration and 3 years post registration experience
Sustainable Specialist	5 Years' Experience in the Infrastructure environment
General building contractor	CIBD & GB
Community Liaison Officer	Experience and knowledge of applicable legislations and policies Management capabilities is recommended

4.1.7. PROJECT COMMUNICATION PLAN

The Project Manager must develop a Project Communication Plan that must be managed throughout the project. As a minimum the plan must cover the following

- Strategies

In order to ensure good communication, frequent engagement will take place though out the project life cycle. The engagements include:

- o Stakeholder engagement meetings
- o Planning meetings
- o Update meetings
- o Report back meetings
- o Site meetings
- o No media communication except by KZN-DOH Communication

- **Methodologies**

Communication will be done though the following methods:

- o Meetings that will either be Face to Face or via on-line programme MS Teams
- o Minutes (all meetings to be minuted)
- o Telecommunication
- o E-mails
- o Reports
- o Letters
- o Feedback information

- **Delivery**

Communication will be delivered through:

- o Telecommunication
- o E-mails and other on-line systems
- o Internal registry services

- **Personnel**

Communication will be between KZN-DOH Infrastructure Development and:

- o National Department of Health
- o KZN-DOH Head Office directorates
- o KZN-DOH uMkhanyakude District Office

- o KZN-DOH Head Office Forensic Pathology Services
- o KZN-DOH Head Office and Professional Service Providers
- o KZN-DOH Head Office and Forensic Pathology Services
- o KZN-DOH Head Office and Contractor/s

- Communication is expected to take place between:
 - KZN-DOH uMkhanyakude District and Mtubatuba Community
 - Between Professional Service Providers

- **Media**

Communication will be delivered through:

- E-mails and other on-line systems - Ms Outlook MS Teams
- Documents – Hard copy and electronic (Micro Soft Word, Excel, Project), Adobe Acrobat PDF
- Drawings – Autodesk AutoCAD, Revit
- Bills of Quantities – Win QS

4.1.8. RISK MANAGEMENT PLAN

Informed decision-making is critical to the success of any project. Crucial to this success is the identification of risks and how they will be managed through the Risk Management Plan. The risk plan will deal with current issues as well as identified risks.

4.1.8.1. Issue Management

Current issues need to be managed by monitoring, acting and tracking progress. Issue log needs to be monitored, updated and revised as required for the duration of the project. The following Issues are identified:

Table 11: Issue Log

Issue Category	Issue	Owner	Actions
Existing facility	Deteriorating existing facility	DOH	Project to be implemented as soon as possible
Existing facility	Long distances of travel to render service to the public	DOH	Project to be implemented as soon as possible

4.1.8.2. Identified risks

The following is some of the risk identified for this project. These risks are not all inclusive and the log needs to be monitored, updated and revised as required for the duration of the project.

Table 12: Risk Log

Risk Category	Identified Risk	Risk Analysis			
		Probability	Consequence	Impact	Risk Mitigation Measure
Institutional Arrangements	Changing Environment, i.e. Changing National & Departmental Policies and Norms	Low	Changes to designs and cost implications decision	Low	Ensure proper signoff by National, eg Peer Review, and Provincial structures; Adequate lead time is being built into planning and execution
	Poorly defined relations between the stakeholders	Low	Delays in obtaining input and approvals	High	Roles & responsibilities to be clearly defined Sufficient planning and consultation meetings
Project Procurement	Delays with procurement processes	High	Delays to project	High	Suitable procurement strategies to be followed and well prepared documentation to be compiled
Project Procurement	Experienced and qualification of consultants	Medium	Inappropriate and/or costly structures Delays to project Poorly run projects	Medium	Clear requirements and functionality requirements to be included in procurement documents. Also refer to item 4.1.6.1 above
	Experienced and qualification of contractors	Medium	Delays to project Poorly run projects Substandard workmanship	Medium	Clear requirements and functionality requirements to be included in procurement documents
Project implementation	Contractor Default; Contract cancellation	Medium	Project delays	High	Provide appropriate and reasonable assistance to contractors Re-tender as soon as possible
	Delays: Inclement weather Strikes, political, acts of God, litigation etc	Medium	Project delays	Medium	Plan ahead for projects to start outside of the highest rain months where possible; Tight management of the programme
	OHS & Construction Regulations non-compliance	Low	Safety compromised Delays due to problems with Labour	Low	Monthly monitoring and evaluation
	Delays in supply of materials (long lead times) and cost increases	Low	Project delays	Low	Proper planning for such items. Ensure proper controls and monitoring of projects
HTS	Procurement of medical equipment for facilities	Low	Delays to project	Low	Suitable procurement strategies to be followed and well prepared documentation to be compiled
Financial management	Increasing Budget constraints; Over/under delivery and expenditure	Low	Requirement for Variations	Low	On-going management of Project and estimate Ensure proper controls and monitoring of project
	Delays in payments to consultants and contractors	Low	Hardship to contractors and consultants and possible project delays	Low	Ensure timeous payments to consultants and contractors
Human Resources	Inadequate human resources in terms of capacity and skills	Medium	Delays to project	Medium	Project team to be appointed as per item 4.1.6.1 above Clear requirements and functionality requirements to be included in procurement documents.

Risk Category	Identified Risk	Risk Analysis			
		Probability	Consequence	Impact	Risk Mitigation Measure
	Labour relations	Low	Poor labour relations result in labour disturbances and poor labour productivity; Strikes on site will delay projects	Low	Ensure good labour relations by compliance with the relevant Act/s and ensuring that the working conditions are satisfactory and disciplinary procedures are applied where appropriate
Programme systems	Updating the WIMS and PMIS systems on the part of project office staff; incl. inaccurate capturing of data	Medium	Incomplete project database	Medium	Continuous management of project updating
Environmental	Adverse site conditions as it is a green fields site Non approval of PDA, EIA's, etc	Low	Delays to project Costly solutions	Low	Careful planning and monitoring; Site investigations to be done
Pandemic	World-wide outbreak of disease	Low	Delays due to: - Curfew - Availability of materials	Low	Careful planning and monitoring Timeous ordering of materials and equipment
Beneficiary management	Employment within communities	Low	Unacceptable interference from the community affecting progress on the project	Low	Effective communication of the project activities and programme addressed with the community
Litigation	Disputes	Low	Delays and budget impact	Low	Careful planning and effective monitoring and communication
Programme closure	Poor documentation, failure to acknowledge lessons learnt & no proper closure Delays in preparation of Final accounts	Medium	Effect on general administration efficiency; Effect on future project planning	Medium	Ensure proper controls and monitoring of projects
	Delays in getting defects attended to in the defects liability period	Medium	Maintenance problems for the client & inconvenience for the users	Medium	Ensure that defects are attended to by careful checking and ensuring that Draft retention payments are not made until the defects have been rectified

4.1.9. PROCUREMENT MANAGEMENT PLAN

4.1.9.1. FIDPM Procurement gates

The FIDPM procurement gates must be implemented. The FIDPM states:

6.1.1 Infrastructure procurement shall be undertaken in accordance with all applicable Infrastructure Procurement-related legislation and this Framework.

6.1.2 Infrastructure procurement shall be implemented in accordance with procurement gates prescribed in clause 6.2 and the CIDB prescripts. If deemed necessary by the institution, Accounting Officer or Accounting Authority can, over and above procurement gates prescribed in clause 6.2, introduce additional procurement gates.

6.1.3 Procurement Gate 1 and 2 shall be informed by the Programme Management Control Point Deliverables in terms of Section 5.2 above.

6.1.4 Given the peculiarity of the institution, the procurement of Professional Service Providers (PSPs) and Contractors can occur at any points in the IDM Processes.

6.1.5 The Accounting Officer or Accounting Authority must ensure that a budget is available and cash flow is sufficient to meet contractual obligations and pay contractors within the time period provided for in the contract.

6.1.6 Procurement gates provided in 6.2 shall be used, as appropriate, to:

Infrastructure Procurement Requirements

- a) Authorise commencement to the next control gate;
- b) Confirm conformity with requirements; and/or
- c) Provide information, which creates an opportunity for corrective action to be taken.

The following Procurement gates are applicable to the project:

Table 13: Procurement Gates

FIDPM Gate	Procurement Gate	Description	Approval process
Stage 1	PG 1	Obtain permission to start with the procurement process	IPMP document
	PG 2	Obtain approval for procurement strategies that are to be adopted	Approval of Project brief HIAC approval certificate Stage 1
Stage 4	PG 3	Obtain approval for procurement documents	Approval of Project Design Development. HIAC approval certificate Stage 4
	PG 4	Confirm that cash flow is sufficient to meet projected contractual obligations	Infrastructure Cash flow Committee (minuted) NSI issued
	PG 5	Solicit tender offers	SCM – Adverts, quotations, etc Bid specification Committee (BSC) (minuted meeting)
	PG 6	Evaluate tender offers in terms of undertakings and parameters established in procurement document	SCM - Evaluation Departmental Bid Evaluation Committee (BEC) (minuted meeting)
	PG 7	Award the contract	SCM - Award Departmental Bid Adjudication Committee (BAC) (minuted meeting) Signed by Accounting Officer
Stage 5 Stage 6 Stage 7	PG 8	Administer the contract and confirm compliance with all contractual requirements	Approval of stages 5 - 8 HIAC approval certificates Stages 4 to stage 8

4.1.9.2. Procurement Gate 1 (PG1): Obtain permission to start with the procurement process

A. The following need to be procured:

- Professional Service Providers (if required). Please refer to item 4.1.6.1 above
- Contractors and Sub-Contractors
- Suppliers and installers

B. The scope for the project is as defined under item 1.1 above.

C. Estimate costs are as follows:

▪ Professional Service Providers	R 8 422 400.00
▪ Contractors and Sub-Contractors	R 274 125 081.91
▪ HTS	R 19 357 293.19
▪ Commissioning	R 3 200 000.00

D. The project is included in the B5

E. PG 1 will be complete when HIAC approves gate 1.

4.1.9.3. Procurement Gate 2 (PG2): Approval for procurement strategies that are to be adopted

Due to the deteriorating of the existing facility it is proposed that the project be accelerated as far as possible;

Preferential procurement in line with legislative provisions and the Construction Sector Code must be included in the procurement documents

A. Procurement Strategy

The Procurement Strategy is prepared by the Department of Health as part of the annual Infrastructure Programme Management Plan (IPMP). It sets out the Delivery Management Strategy as well as the Procurement and Contracting Arrangements proposed for each project requiring the procurement of Consultants (Professional Services) or Contractors (Works) during the ensuing 3 year period.

B. Formulation Process

The 5-step process for the preparation of the Delivery Management Strategy and the Procurement and Contracting Arrangements is summarised below:

- Establish the Base Information
 - The scope of the project is described in item
 - The CIDB grading for the Contractor will be 8GB

- Delivery Plan information
 - Expenditure Analysis – This project does not form part of a programme and shall be implemented as an individual project

- **Organisational Analysis** – The project shall be reviewed against organisational goals and priorities to ensure it is consistent with the strategic plans of the Department
- **Market Analysis** – Tenders shall be based on an open procedure to test the market for both professional services and construction.
- **Procurement objectives**
 - **Delivery procurement objectives:**

The primary objective of the project is the delivery of functional infrastructure including buildings, plant and equipment, roads, electricity supply, water supply and so on; s within budget, to the required standard and within the specified timeframe.
- **Developmental procurement objectives**

The project must, where possible, incorporate secondary (or developmental) socio-economic objectives as follows:

 - Promotion of black economic empowerment
 - Promotion of gender equality
 - Promotion of work opportunities for SMMEs
 - Alleviation poverty
 - Promotion of local economic development
 - Development of CIDB registered contractors
 - Skills development
 - Reduction of environmental impacts
- **The Delivery Management Strategy for Works**

It must be noted that this project cannot be done in a package as there is not similar project in the area, thus it will be done as an individual project.
- **Delivery management arrangements**

It is expected that this project will be delivered through:

 - Implementing Agent
 - Outsourcing (Works)
 - Outsourcing (Professional Services)
- **Contracting Arrangements for Works**
 - Service Requirements Options for Works: General contractor
 - Contracting Strategy: Design by Employer strategy
 - Pricing Strategy: Bills of Quantities

- Form of Contract: GCC or NEC Option B.
- Procurement Strategy for Works
 - Procurement Arrangements for Works Contractors
 - Functionality Criterion Requirements:
 - Skills
 - Experience
 - Previous work successfully complete
 - Resources
 - Procurement Procedure: Public Open Tender
 - Targeted Procurement Procedure: Standard DOPW SCM Targeted Procurement
 - Procurement Document: Standard DOPW Bid Document
 - Tender Evaluation Criterion:
 - Responsiveness
 - Quality Evaluation
 - Price and Preference
 - Minimum score must be 70%
- Contracting Arrangements for Services
 - External Resources may only be procured if there are insufficient in-house skills available within the Implementing Agent. Justification must be provided in terms of National Treasury Instruction No 2 of 2017/2018 and specifically item 4.
 - Should external resource be required, it is recommended that the following be considered (as is required to augment any In-house capacity):
- Contracting Arrangements for Professional Services
 - Professional Service Areas: Full Service
 - Contracting Strategy: Traditional, separate as per item 4.1.6.1 above
 - Pricing Strategy: Gazetted rates
 - Form of Contract: CIDB PSP Document
- Procurement Strategy for Professional Services
 - Procurement Arrangements for Service Providers
 - Functionality Criterion Requirements (also refer to item 4.1.6.1 above):
 - Skills
 - Experience with Health projects
 - Previous work successfully complete
 - Resources
 - Procurement Procedure: Public Open Tender
 - Targeted Procurement Procedure: Standard DOH SCM Targeted Procurement

- o Procurement Document: Standard DOH Bid Document
- o Tender Evaluation Criterion:
 - Responsiveness
 - Quality Evaluation
 - Price and Preference
 - Minimum score must be 70%
- Updating and Revising the Delivery Management Strategy

The above Procurement Strategy deviates from the IPMP because the existing facility is deteriorating rapidly and this project is to be implement as soon as possible.

PG 2 is complete when procurement strategies that are to be adopted are approved at the approval of Stage 2.

4.1.9.4. Procurement Gate 3 (PG3): Approval for procurement documents

The Implementation Agent must prepare procurement documents that are compatible with the approved procurement strategies.

PG 3 is complete when the procurement document is approved at the approval of Stage 4.

4.1.9.5. Procurement Gate 4 (PG4): Confirmation of cash flow

The Implementation Agent must confirm sufficient cash flow to meet contractual obligations prior to proceeding to tender

The Implementation Agent must also establish control measures for payment of contractors within the time period provided for in the contract.

PG 4 is complete when cash flow is approved

4.1.9.6. Procurement Gate 5 (PG 5): Solicit tender offers

The Implementation Agent must solicit tender as follows and within the recommended timeframes:

- | | | |
|---------------------------------------|---------|------------------|
| • Prepare tender specification report | 2 weeks | 2 weeks |
| • Submit tender specification to BSC | 1 week | 3 weeks |
| • Approval by BSC | | 1 week 4 weeks |
| • Invite tenders | | 1 week 5 weeks |
| • Receive tenders | | 3 weeks 8 weeks |
| • Record tenders | | 1 day concurrent |
| • Prepare report on tenders received | 1 week | 9 weeks |

PG 5 is complete when all received tender offers are duly accounted for

4.1.9.7. Procurement Gate 6 (PG 6): Evaluation of tender offers in terms of undertakings and parameters established in procurement documents.

• Verify completion of tenders	1 week	10 weeks
• Determine if tenders are responsive	1 week	11 weeks
• Evaluate tenders	3 weeks	14 weeks
• Perform risk assessment	1 week	15 weeks
• Prepare tender evaluation report	1 week	16 weeks
• Submit tender evaluation report to BEC	1 week	17 weeks
• Recommendation by BEC	1 week	18 weeks
• Prepare submission to BAC	1 week	19 weeks
• Submit submission to BAC	1 week	20 weeks
• Recommendation by BAC	1 week	21 weeks
• Prepare submission to HOD	1 week	22 weeks
• Submit submission to HOD	1 week	23 weeks
• Approved by HOD	1 week	24 weeks

PG 6 is complete when the evaluation report is reviewed and recommendations is ratified.

4.1.9.8. Procurement Gate 7 (PG7): Award the contract

• Notify tenderers of outcome	1 week	25 weeks
• Appeals period		2 weeks 27 weeks
• Acceptance by contractor	1 week	28 weeks
• Receive compulsory documentation	1 week	29 weeks
• Prepare contract documentation	1 week	30 weeks
• Accept and Sign Contract documentation by Contractor	1 week	31 weeks
• Sign Contract documentation by HOD	1 week	32 weeks

PG 7 is complete when the tenderer has provided evidence of complying with all requirement stated in the tender data and formally accepts the tender offer in writing and issues the contractor with a signed copy of the contract

4.1.9.9. Procurement Gate 8 (PG 8): Administer the contract and confirm compliance with all contractual requirements

This gate will include:

- Capturing of the contract award data
- Administration contract in accordance with the terms and provisions of the contract
- Ensuring compliance with contractual requirements.

PG 8 is complete when contract completion/termination data is captured.

4.1.10. STAKEHOLDER MANAGEMENT

The stakeholder management plan outlines how the project team plans to manage the goals and expectations of key stakeholders during the project lifecycle.

Stakeholders have been identified as defined by their interests, involvement, interdependencies, influence, and potential impact on the project success. The early identification benefit is that it will enable the project team to identify the appropriate focus for engagement of each stakeholder or group of stakeholders. This process must be revised periodically throughout the project as needed. The following plan must be monitored, updated and revised as required but at least on a monthly basis.

Table 14: Stakeholder plan

STAKEHOLDER	ROLE	INTEREST LEVEL (H/L)	EXPECTATIONS	WHERE ARE THEY NOW	WHERE ARE THEY NEEDED	STAGE & PRIORITY	HOW DO THEY GET THERE	COMMUNICATION				
								METHOD	FREQUENCY	NEXT		
National Department of Health												
Infrastructure												
Mr N Mphahuli	Director: Revitalisation Projects	H	Timely updates on project progress Successful completion of project Value for money Compliance	Clinical brief submitted, Review in progress	Clinical Brief Approval Guidance on Norms and standards Oversight	Stage 1	Regular communications	Email Telephonic Meetings Reports	-			
						Stage 2						Ad hoc
						Stage 3						Ad hoc
						Stage 4						Ad hoc
						Duration of project						Ad hoc
Provincial Department of Health												
Head Office												
Dr T S Tshabalala	Head of Department	H	Successful completion of project	Aware of the project, no formal communication	Approval of clinical brief Approval of Project Brief	Stage 1	Approval submissions	Submissions Telephonic Meetings Reports	Ad hoc			
						Stage 4						Ad hoc
						Duration of project						Ad hoc
Mr K B L Vilakazi	Chief Financial Officer	H	Effective management of project budgets and compliance	Aware of the project, no formal communication	Support for approval of clinical brief Support for approval of Project Brief	Stage 1	Approval submissions	Submissions Telephonic Meetings Reports	Ad hoc			
						Stage 4						Ad hoc
						Duration of project						Ad hoc

STAKEHOLDER	ROLE	INTEREST LEVEL (H/L)	EXPECTATIONS	WHERE ARE THEY NOW	WHERE ARE THEY NEEDED	STAGE & PRIORITY	HOW DO THEY GET THERE	COMMUNICATION			
								METHOD	FREQUENCY	LAST	NEXT
Dr. T.D. Moji	DDG: District Health Services:	H	Provision of facility for implementation of services to community	Aware of the project, no formal communication	Support for approval of clinical brief Support for approval of Project Brief	Stage 1	Approval submissions	Submissions Telephonic Meetings Reports	Ad hoc		
						Stage 4					
						Duration of project					
						Stage 4					
						Duration of project					
						Duration of project					
Mr S Mhlongo	Acting Chief Director Infrastructure Development	H	Successful completion of project	Aware of the project, no formal communication	Support Approval of stages Oversight	Stage 1	General correspondence Reports Submissions	Email Telephonic Meetings Reports	Ad hoc		
						Stage 2					
						Stage 3					
						Stage 4					
						Stage 5					
						Stage 6					
						Stage 6					
						Stage 7					
Ms M de Goede	Director Infrastructure Planning	H	Successful completion of project	Planner	Planning Budget control Approvals Oversight	Stage 1	General correspondence Planning documents Reports Submissions	Email Telephonic Meetings Reports	Ad hoc		
						Stage 2					
						Stage 3					
						Stage 4					
						Stage 5					
						Stage 6					
						Stage 7					
						Stage 7					
Ms Y Thambiran		H			Planning	Stage 1		Email	Ad hoc		
						Stage 1					

STAKEHOLDER	ROLE	INTEREST LEVEL (H/L)	EXPECTATIONS	WHERE ARE THEY NOW	WHERE ARE THEY NEEDED	STAGE & PRIORITY	HOW DO THEY GET THERE	COMMUNICATION			
								METHOD	FREQUENCY	LAST	NEXT
	Deputy Director: Quality Assurance		Successful completion of project Commissioning of facility	Consulted and assisting with planning	Support Commissioning Oversight	Stage 2	General communication Planning documents Reports Submissions	Telephonic Meetings Reports	Ad hoc		
						Stage 3			Ad hoc		
						Stage 4			Ad hoc		
						Stage 5			Ad hoc		
						Stage 6			Ad hoc		
						Stage 7			Ad hoc		

STAKEHOLDER	ROLE	INTEREST LEVEL (H/L)	EXPECTATIONS	WHERE ARE THEY NOW	WHERE ARE THEY NEEDED	STAGE & PRIORITY	HOW DO THEY GET THERE	COMMUNICATION		
								METHOD	FREQUENCY	NEXT
Mr T Sosiba	Deputy Director: Organizational Development	H	Successful completion of project Commissioning of facility Organizational Development	Consulted and assisting with planning	Planning Support Commissioning Oversight	Stage 1	General communication Planning documents Reports Submissions	Email Telephonic Meetings Reports	Ad hoc	
						Stage 5				
						Stage 6				
Mr T. Ngidi	Acting Director: Health Technology	H	Equipping the facility	Consulted and assisting with planning	Oversight Support Guidance on Norms and standards	Stage 1	General communication Planning documents Reports Submissions	Email Telephonic Meetings Reports	Ad hoc	
						Stage 4				
						Stage 5				
						Stage 6				
						Stage 7				
Mr. J. Mndebele	Chief Director: District Health Services	H	Successful completion of project Commissioning of facility	Consulted and assisting with planning	Oversight Support Guidance on Norms and standards		General communication Planning documents Reports Submissions	Email Telephonic Meetings Reports		
Mr K Mtshali	Chief Director: Supply Chain Management	H	Effective management of project procurement and contract administration and compliance	Unaware of the project, no formal communication	Support for approval of clinical brief Support for approval of Project Brief Procurement strategy	Stage 1	Approval submissions	Submissions Telephonic Meetings Reports	Ad hoc	
						Stage 4				
						Stage 5				
						Duration of Contract				
						Stage 2				

STAKEHOLDER	ROLE	INTEREST LEVEL (H/L)	EXPECTATIONS	WHERE ARE THEY NOW	WHERE ARE THEY NEEDED	STAGE & PRIORITY	HOW DO THEY GET THERE	COMMUNICATION		
								METHOD	FREQUENCY	NEXT
					Procurement process	Stage 3 Stage 4 Stage 5 Stage 6 Stage 7			Ad hoc Ad hoc Ad hoc Ad hoc Ad hoc	
Maj. Genl. MM Dladla	Director: Security Services	M	Compliance to Department Security Policies	Unaware of the project, no formal communication	Oversight Support Guidance on Norms and standards	Duration of project	General correspondence	General communication	Ad hoc	
Miss. B. Mhlongo	Environmental Health / Waste Management	M	Compliance to Department Waste Management Policies	Unaware of the project, no formal communication	Oversight Support Guidance on Norms and standards	Duration of project	General correspondence	General communication	Ad hoc	
uMkhanyakude Health District										
Ms. MP Themba	uMkhanyakude District: District Director	H	Successful completion of project	Consulted and assisting with and is aware of the project	Support Guidance on Norms and standards	Stage 1 Stage 2 Stage 3 Stage 4 Stage 5 Stage 6 Stage 7	General communication Planning documents Reports Submissions	General communication	Ad hoc Ad hoc Ad hoc Ad hoc Ad hoc Ad hoc Ad hoc	

STAKEHOLDER	ROLE	INTEREST LEVEL (H/L)	EXPECTATIONS	WHERE ARE THEY NOW	WHERE ARE THEY NEEDED	STAGE & PRIORITY	HOW DO THEY GET THERE	COMMUNICATION		
								METHOD	FREQUENCY	NEXT
MTUBATUBA COMMUNITY HEALTH CENTRE										
TBC	TBC	H	Successful completion of project	Consulted and assisting with and is aware of the project.	Support Guidance on Norms and standards	Stage 1 Stage 2 Stage 3 Stage 4 Stage 5 Stage 6 Stage 7	General correspondence Reports Submissions	Email Telephonic Meetings Reports	Ad hoc Ad hoc Ad hoc Ad hoc Ad hoc Ad hoc Ad hoc	
Pletersmaritzburg Infrastructure Management Hub										
Mr R. Poissane	Acting Director	H	Successful implementation of project	Consulted	Support Implementation & Project Management Oversight	Stage 1 Stage 2 Stage 3 Stage 4 Stage 5 Stage 6 Stage 7	General correspondence Reports Submissions	Email Telephonic Meetings Reports	Ad hoc Ad hoc Ad hoc Ad hoc Ad hoc Ad hoc Ad hoc	

STAKEHOLDER	ROLE	INTEREST LEVEL (H/L)	EXPECTATIONS	WHERE ARE THEY NOW	WHERE ARE THEY NEEDED	STAGE & PRIORITY	HOW DO THEY GET THERE	COMMUNICATION		
								METHOD	FREQUENCY	NEXT
Implementing Agent										
TBC	TBC	H	Successful implementation of project	Consulted	Implementation & Project Management Oversight	Stage 2	General correspondence Reports Submissions	Email Telephonic Meetings Reports	Ad hoc	
						Stage 3				
						Stage 4				
						Stage 5				
						Stage 6				
						Stage 7				
Professional Service Providers										
TBC	TBC	H	Successful implementation of project	Previously appointed, no communication yet	Implementation & Project Management	Stage 2	General correspondence Reports Submissions	Email Telephonic Meetings Reports	Ad hoc	
						Stage 3				
						Stage 4				
						Stage 5				
						Stage 6				
						Stage 7				
Contractor										
TBC	TBC	H	Successful implementation of project	TBC	Implementation	Stage 5	General correspondence Reports Submissions Minutes	Email Telephonic Meetings Reports	Ad hoc	
						Stage 6				
						Stage 7				

STAKEHOLDER	ROLE	INTEREST LEVEL (H/L)	EXPECTATIONS	WHERE ARE THEY NOW	WHERE ARE THEY NEEDED	STAGE & PRIORITY	HOW DO THEY GET THERE	COMMUNICATION			
								METHOD	FREQUENCY	LAST	NEXT
Other interested parties											
Mtubatuba Community	TBC	M	Improve health care to community	No communication yet	Consultation when required Employment	Duration of project	General correspondence	General communication	Ad hoc		
The Mtubatuba Local Authority	TBC	M	Improve health care to community	No communication yet	Consultation when required Approvals	Duration of project	General correspondence	General communication	Ad hoc		

4.2. ORGANISATIONAL DEVELOPMENT

This is a new facility and the full staffing compliment associated with a CHC in terms of the organogram associated with such a facility would have to be implemented.

4.2.1. STAFFING SITUATION AND ADDITIONAL STAFFING REQUIRED

Executive Management and Support Staff	Post Title	No. of Posts	Current Notch	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
	C.H.C. Manager	1	R958 824.00	R354 764.00	R1 313 588.88
	Deputy Manager: Nursing	1	R930 747.00	R344 376.00	R1 275 123.39
	Assistant Director: HRM	1	R424 104.00	R156 918.48	R581 022.48
	Assistant Director: Finance & SCM	1	R424 104.00	R156 918.48	R581 022.48
	Assistant Director: Systems	1	R424 404.00	R156 918.48	R581 022.48
	Assistant Manager Nursing: M&E	1	R627 474.00	R232 165.38	R859 639.38
	Public Relations Officer	1	R359 517.00	R133 021.29	R492 538.29
	Administrative Clerk (Secretary)	1	R202 233.00	R 74 826.21	R 277 059.21
	Sub totals of Component	6	R4 351 107.00	R1 609 908.32	R5 961 016.59

Clinical Services (Medical)	Post Title	No. of Posts	Current Notch	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
	Clinical Manager	1	R1 288 095.00	R476 595.15	R1 764 690.15
	Medical Officers	13	R11 785 020.00	R4 386 457.40	R16 171 477.40
	Clinical Associates	3	R882 963.00	R326 696.31	R1 209 659.31
	Subtotal	17	R13 956 078.00	R5 189 748.86	R19 145 826.86

Nursing Services	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
	Assistant Manager Nursing (Spec)	3	R1 872 648.00	R692 879.00	R2 565 527.76
	Operational Managers(Spec)	5	R2 856 210.00	R1 056 797.70	R3 913 007.07

	Clinical Nurse Practitioners	26	R10 113 324.00	R3 741 929.88	R13 855 253.88
	Professional Nurses (Spec)	10	R3 889 740.00	R1 439 203.80	R5 328 943.80
	Professional Nurses (Gen)	25	R6 519 000.00	R2 412 030.00	R8 931 030.00
	Staff nurses	32	R5 566 464.00	R2 059 591.68	R7 626 055.68
	Nursing Assistants	20	R2 690 280.00	R995 403.60	R3 685 683.60
	Subtotal	121	R33 507 666.00	R 12 397 836.42	R45 905 502.42

Allied Professionals	Post Title	No. of Posts	Combined Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
Dietetic Services	Chief Dietician and Dietician	2	R851 298.00	R314 980.26	R1 166 278.26
Optometry Services	Optometrist, Ophthalmic Nurse, Prof Nurse General	3	R1 009 356.00	R373 461.72	R1 382 817.72
Diagnostic Imaging Services	1x Chief Radiographer, 5x Radiographers 1x Ultra-Sonographer 1x Admin Clerk	8	R2 565 869.00	R949 371.53	R3 515 240.53
Physiotherapy Services	1x Chief Physio 2x Physiotherapist 2x Physio Assistants	5	R1 633 101.00	R604 247.37	R2 237 348.37
Occupational Therapy Services	1x Chief Occ. Therapist 2x Occ. Therapist 2x Occ. Therapy Assistants	5	R1 633 101.00	R604 247.37	R2 237 348.37
Speech & Audiology Services	1x Chief Speech & Audio Therapist 1x Speech Therapist 1x Audiologist	3	R1 240 029.00	R458 810.73	R1 698 839.73
Pharmaceutical Services	1x Assistant Manager : Pharmacy 1x Pharmacy Supervisor 4x Pharmacists 10 Pharmacy Assistants 1 x Admin Clerk 1x General Orderly	18	R6 772 878.00	R2 505 964.86	R9 450 603.89
Psychology & Social Work Services	1x Clinical Psychologist 2x Registered Counsellors 1X Social Work Supervisor	11	R3 290 106.00	R1 217 339.22	R4 507 445.22

	2x Social Workers 5 Social Auxillary Workers				
Dental Services	1x Dentist 1x Oral Hygienist 1x Dental Therapist 2 Dental Assistants	5	R1 810 785.00	R669 990.45	R2 480 775.45
	Subtotal	121	R20 806 523.00	R 7 698 413.51	R28 504 936.51

Monitoring & Evaluation, IPC, and Quality Control	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
	Clinical Programme Co-Ordinator: Quality Assurance	1	R450 939.00	R166 847.43	R617 786.43
	Clinical Programme Co-Ordinator: IPC	1	R450 939.00	R166 847.43	R617 786.43
	Facility Information Officer	1	R294 321.00	R108 898.77	R403 219.77
	Data Capturers	2	R343 074.00	R126 937.38	R470 011.38
	Subtotal	5	R1 539 273.00	R569 531.01	R2 108 804.01

H.R Management Services	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
	Human Resource Practitioners	2	R588 642.00	R217 797.54	R806 439.54
	Human Resource Clerk (Supervisor)	2	R588 642.00	R217 797.54	R806 439.54
	Human Resource Clerk	8	R1 617 864.00	R598 609.00	R2 216 473.68
	Occupational Health Nurse	1	R388 974.00	R143 920.68	R532 894.38
	Employee Assistance Practitioner	1	R359 517.00	R133 021.29	R492 538.29
	Health And Safety Officer	1	R359 517.00	R133 021.29	R492 538.29
	H.R. Registry Clerk	1	R202 233.00	R74 826.21	R277 059.21
	Subtotal	16	R4 105 389.00	R1 518 993.93	R5 624 382.93

Finance and Supply Chain Management	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
	Senior Finance Management Officer	1	R359 517.00	R133 021.29	R492 538.29
	Finance Management Officer	2	R588 642.00	R217 797.54	R806 439.54
	Finance Clerk	3	R606 699.00	R224 478.63	RR831 177.63
	Senior Supply Management Officer	1	R359 517.00	R133 021.29	R492 538.29
	Supply Chain Practitioner	2	R588 642.00	R217 797.54	R806 439.54
	Supply Chain Clerk	6	R1 213 398.00	R448 957.26	R1 662 355.26
	General Orderly	4	R501 492.00	R185 552.04	R687 044.04
	Subtotal	19	R4 217 907.00	R1 560 625.59	R5 778 532.59

Systems Management	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
Patient Admin & Auxillary Services	Systems Management Officer	1	R294 321.00	R108 898 .77	R403 219.77
	Administrative Clerk Supervisor	1	R294 321.00	R108 898 .77	R403 219.77
	Administrative Clerks	10	R2 022 330	R748 262.10	R2 770 592.10
	Subtotal	12	R2 610 972.00	R966 059.64	R3 577 031.64

Systems Management	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
Transport Management Services	Transport Management Officer	1	R294 321.00	R108 898 .77	R403 219.77
	Administrative Clerk	1	R202 233.00	R108 898 .77	R403 219.77
	Drivers	3	R514 611.00	R190 406.07	R705 017.07
	Subtotal	5	R1 011 165.00	R408 203.61	R1 511 456.61

Systems Management	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
Mortuary Services	Admin Clerk Supervisor	1	R294 321.00	R108 898.77	R403 219.77
	Mortuary Services Assistant	2	R404 466.00	R149 652.42	R554 118.42
	Subtotal	3	R698 787.00	R258 551.19	R957 338.19

Systems Management	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
Laundry Services	Linen Worker Supervisor	1	R171 537.00	R63 468.69	R235 005.69
	Linen Orderly	4	R588 144.00	R217 613.28	R805 757.28
	Sewing Orderly	1	R147 036.00	R54 403.32	R201 439.32
	Subtotal	6	R906 717.00	R335 485.29	R1 242 202.29

Systems Management	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
Maintenance Services	Chief Artisan	1	R434 787.00	R160 871.19	R595 658.19
	Artisans	4	R978 948.00	R362 210.76	R1 341 158.76
	Handymen	4	R588 144.00	R217 613.28	R805 757.28
	Subtotal	5	R2 001 879.00	R740 695.23	R2 742 574.23

Systems Management	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
Telecommunication Services	Principal Telecom Operator	1	R281 559.00	R104 176.83	R385 735.83

	Telecom Operator	4	R686 148.00	R253 874.76	R940 022.76
	Subtotal	5	R967 707.00	R358 051.59	R1 325 758.59

Systems Management	Post Title	No. of Posts	Current Notches	Estimated additional costs to employer (@ 37%, i.e. allowances, bonuses, C.O.T, etc.)	Total Cost
Waste Management Services	Waste Management Officer	1	R359 517.00	R133 021.29	R492 538.29
	Subtotal	1	R359 517.00	R133 021.29	R492 538.29

Estimated Total Cost = R124 877 901.75

4.3. CHANGE MANAGEMENT

Change management is a systematic approach to successfully implement changes that this project will bring about. The purpose of change management is to implement steps to effect change, control change and to help people to adapt to the change.

The change Management plan will consist of:

- Preparing the Health Service, District and the Department for the change,
- Developing a plan for the change,
- Implement for the change,
- Entrench the change in the Department.
- Review progress and analyse results.

Change can be a time of exciting opportunity for some and a time of loss, disruption or threat for others. Change is an inherent characteristic of any organisation, all organisations whether in the public or private sector must change to remain relevant. Change can originate from external sources through technological advances, social, political or economic pressures, or it can come from inside the organisation as a management response to a range of issues such as human resource issues or reconfiguration of the infrastructure e.g. construction of the new mortuary. It can affect one small area or the entire organisation. Nevertheless, all change whether from internal or external sources, large or small, involves adopting new mind-sets, processes, practices and behaviour.

Irrespective of the way the change originates, change management is the process of taking a planned and structured approach to help align an organisation with change. In its most simple and effective form, change management involves working with an organisation's stakeholder groups including staff to help them understand what change means for them, helping them make and sustain the transition and working to overcome any resistance. The basic goal of all change management is to secure buy-in to the change, and to align individual behaviour and skill with the change.

Ultimately, the goal of change is to improve organisation by altering how work is done. Change impacts the following four parts of how the organisation operates:

- Processes
- Systems
- Organisational Structure, and
- Job roles

The new community health centre will require the new ways of operating and a common understanding between management and the staff has to be developed. It is therefore important that Change Management Plan be developed and implemented to create a common understating amongst all end users. Staff management plan ensures the organisation has an adequate human capacity to support its post change needs. The plan should also address the issue of redirecting resources in situations where the change creates a gap in the skills and needs of the Hospital. Planning for change implementation generally involves understanding where the organisation is currently and identifying aspects that need to change in order to take the organisation from its current state to its desired state.

4.4. OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT

"The aim of the OHS Act is to provide for the safety and health of persons at work and in connection with the use of plant and machinery. It further provides for the protection of people other than people at work from hazards arising out of or in connection with the activities from people at work."

Source: <https://www.labourguide.co.za>

A Safety plan will be required from the start of the project and must be managed and reported on a monthly basis. The following minimum Occupation Health and Safety requirements is applicable to this project:

- The project must comply with the requirements of the Occupational Health & Safety Act 85 of 1993 and its regulations, and subsequent revisions.
- A Construction Work Permit will be required as the current estimated project value is over the stipulated R 40 million.

The following reporting requirements: must be adhered to:

- Employment Contracts for construction staff
- Copies of ID documents
- Half cut photographs of employees
- Proof of daily attendance
- Proof of wage payments

4.5. STATUTORY REQUIREMENTS

4.5.1. LEGISLATION

Legislation: Minimum applicable legislation (latest version) include:

- Inquest Act, (Act 58 of 1959)
- National Health Act, Act 63 of 2003.
- Births and Deaths Registration Act, (Act 51 of 1992.)
- Health Professions Act, (Act 56 of 1974.)
- Health Professions Amendment Act, (Act 29 of 2007.)
- Correctional Services Act, (Act 111 of 1998.)
- Occupational Health and Safety Act, (Act 85 of 1993.)
- Occupational Diseases in Mines and Works Act, (Act 78 of 1973.)
- Public Finance Management Act, (Act 29 of 1999.)
- SANS 10400
- Kwazulu-Natal Planning and Development Act, 2008 (Act No. 06 of 2008) (PDA)

4.5.2. NORMS AND STANDARDS

Minimum applicable Norms and Standards

- IUSS: Primary Healthcare
- IUSS Health Facility Guides: Waste management
- IUSS Health Facility Guides: Building Engineering Services
- IUSS Health Facility Guides: Environment and Sustainability
- IUSS Health Facility Guides: Infection Prevention and Control
- IUSS Health Facility Guides: Information Technology Infrastructure

IUSS Health Facility Guides: Materials and Finishes

-

4.6. SOCIAL IMPACT MANAGEMENT

Social Impact Management covers a wide field but for the purpose of this project the focus is on the following:

4.6.1. EXPANDED PUBLIC WORKS

In the National Development Plan 2030, the EPWP is positioned to contribute to Government's goals of alleviating poverty, developing local communities, providing work opportunities and enhancing social protection. The Department of Health is actively involved in the EPWP programme since 2011.

The project team must develop a plan to manage the EPWP component of this project and have to report as follows:

Table 16: EPWP Requirements

EPWP Minimum Requirement Between	100 Million and above
Reporting	All required
Local Area	South Africa 80% KwaZulu-Natal 60% District Municipality 40% Local Municipality
Branding	Site, Uniform and tender documentation
Recruitment	According to DOPW Recruitment guideline document
PSC	Full PSC, CIDB Guidelines to be followed
CLO	Required
Tender Specification	Required

4.6.2. TARGETED JOB OPPORTUNITIES

Over and above, the project must report on the following:

- No. of local people employed
- No. of local youth employed
- No. of Person days of employment
- No. of Woman employed
- No. of disabled people employed
- Total payments to local communities
- Total payments to local material suppliers
- Total no. of DPI Contractor / Sun-contractor

The report must be done monthly and is not exclusive to contractors.

4.6.3. CAPACITATION

While employment goes a long way, it is also important that the workforce and the team be capacitated. Therefore, the team must report on the following as applicable:

- Project Management training
- Construction Management training
- Financial management training
- Construction skills training HIV/AIDS awareness training

- GBV awareness training

The list above is not inclusive.

4.7. GREEN BUILDING DESIGN

The climate of the world is changing and therefore it is crucial that the construction industry as well as Department of Health adapt accordingly.

It is not required to achieve this project achieve a Green Star rating, however it is proposed that the essence of a 4-Star green rating be applied, with specific focus on the following:

- Indoor Environment Quality (IEQ)
- Energy
- Water
- Materials
- Emissions
- Innovation

4.8. HEALTH TECHNOLOGY SERVICES

The Health Technology Unit is responsible for providing a professional, cost effective and safe Clinical Engineering Service to all Health Institutions and Auxiliary Medical Services in the Province of KwaZulu-Natal, in line with the Departmental vision of ensuring quality health-care for all citizens of the Province.

Health Technology covers a wide range of apparatus, consumables, devices, equipment and instruments. Planning and budgeting have to be considered jointly for it to be effective and need to take place within the context of policy, financial, and other constraints.

Based on this information, the Essential Service Packages must be developed into:

- human resource requirements, and training needs;
- space requirements, and facility and service installation needs; and
- equipment requirements.

4.8.1. STANDARD EQUIPMENT LIST

The tool used in the process of defining what equipment is needed for the Maternity and Neonatal unit is a Standard Equipment List. This is:

- a list of equipment typically required for each healthcare intervention (such as a healthcare function, activity, or procedure). This list will show all equipment required organised by activity space or room and by department;
- developed for the relevant level of healthcare delivery

- usually made up of everything including furniture, fittings and fixtures, in order to be useful for planners, architects, engineers and purchasers, and
- a tool which allows healthcare managers to establish if it economically viable.

The Standard Equipment List reflect the level of technology of the equipment and describe only technology that the facility can sustain (in other words, equipment which can be operated and maintained by existing staff, and for which there are adequate resources for its use).

It is important that any equipment listed:

- will fit into the rooms and space to be provided and reference is made to any building norms defining room sizes, flow patterns, and requirements for water, electricity, light levels and so on;
- will indicate the necessary utilities and associated plant (such as the power, water, waste management systems) to be made available for it
- can be operated and maintained by existing staff and skill levels, or for which the necessary training is available and affordable.

The Standard Equipment List is an aid to the planning process. In order to plan what equipment to purchase, awareness of any shortfalls in equipment is needed. To determine such shortfalls, the existing equipment Inventory needs to be compared with the Standard Equipment List. This will indicate whether any equipment is currently missing or needs to be purchased. It will thus assist in determining what equipment, is:

- necessary;
- surplus;
- extravagant; and
- missing

The initial HTS list is below and will be required to be updated and/or revised.

Health Technological services for the purpose of this brief will focus on items that have an integral bearing on the development and planning of the project. A complete estimated list for HTS has been added above.

According to the Ideal Clinic guideline and in consultation with Health Technology Services the following minimum equipment will be required:

PROJECT NAME: MTUBATUBA COMMUNITY HEALTH CENTRE – H

HT (Furniture, Equipment, ICT & Linen) Cost (incl. VAT)	
Funding source	

HT (Furniture, Equipment, ICT & Linen) Cost (incl. VAT)		
Budgetary Item	Amount	Explanatory Notes
Current estimate for HT (Equipment)	R10 169 100,00	Medical equipment, Radiology equipment & ICT
Current estimate for Furniture	R3 854 000,00	Medical & office furniture
Current estimate for Linen	R300 000,00	Linen & clothing
Estimated HT Cost (incl. VAT)	R14 323 100,00	

HT LIST TO BE INCLUDED TO THE INFRASTRUCTURE MAIN CONTRACTOR
Hydrofoil for staff rest room
Soap dispenser
Paper towel dispenser
Curtain tracks & curtains (Windows & Privacy)
Bed Screen Curtains and rails
Shower curtains for change rooms
White boards
Notice boards
Work station for nurses stations and reception
Floor mounted bench for change rooms
Shelving for all storage rooms
Ceiling IV holder
Fixed cloth hangers for change rooms
Wall mounted examination lamps
Wall mounted suggestion boxes
Waiting areas chairs

Table 16: HTS equipment Requirements.

4.8.2. HEALTH TECHNOLOGY SERVICES IN THE CONTRACT

A full list of HTS requirements will be developed and items that need to be included in the contract will be identified.

4.9. See Annexure A COMPARATIVE EXAMPLES

Kwamashu CHC is an example where the standard plans have been implemented in a single store, as per the prototype drawings. It is characterized by the comfortable roadways, parking and robust construction with face brick tiled roofs.



Photo 1: Kwamashu CHC



Photo 2: Kwamashu CHC



Photo 3: Kwamashu CHC



Photo 4: Kwamashu CHC

4.9.1. OTHOBOTHINI COMMUNITY HEALTH CENTRE.

Othobothini CHC is a newly completed CHC where some changes have been made to the standard plans to respond to localised rural needs. The CHC illustrates that there is a variation in the colour palette and manner in which finishes are combined to create contextual character if compared to their CHCs.

DoH Standard drawings are available although they should be completely re-visited however, many specifications can be applied.

Drawings of facility, drawings of equipment, photos and a site visit can be arranged.



Photo 5: Othobothini CHC entrance



Photo 6: Othobothini CHC



Photo 7: Othobothini CHC acute department



Photo 8: Othobothini CHC reception area

4.10. PROPOSED SCHEDULE OF ACCOMMODATION

The following is an estimated requirement and must be verified and adjust as required.

Table 17: Proposed schedule of accommodation

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
Guardhouse Block	1				Excluding Under cover areas
External Portico	1	28	28		Under cover
Walkway	1	33	33		Under cover
Security					
Security reception/scanning	1	14	14		Can include wake-thru scanner
Security room	1	6	6		
Private search room	1	5	5		Contain gun safes
Kitchenette	1	6	6		
Toilet and locker area	1	8	8		Toilet is unisex
Public Ablutions					
Male	4	4	16		
Female	4	4	16		
Disabled toilet	4	5	20		To include nappy change station
MAIN CHC BULDING MODULES 1 – 4					
Main Block					
Help desk/security	1	9	9		
Central Waiting area	1	150	150		
Open play area	1	9	9		
Vitals room	1	8	8		
Reception with cubicles	1	23	23		3 booths with privacy screens. 1 booth disabled friendly

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
Records room	1	50	50		
Data Capturers	1	11	11		
Manager's office	1	12	12		
Staff room	1	18	18		
Kitchenette	1	4	4		
Staff ablutions	1	12	12		Toilets is unisex
Equipment store	1	24	24		
Stationary	1	7	7		
Surgical & Dry goods store	1	12	12		
Medicine store	1	15	15		
CCMDD	1	13	13		
Minor ailments Block					
Sub-waiting	1	32	32	Addition of small play area	
Open play area	1	5	5		
Vitals room	2	6	12		
Consulting room	2	16	32	A total of 12 consulting rooms is listed, calculated as per current Clinic Headcounts and CHC standards. Number of consulting rooms to be adjusted with confirmation of referral clinics.	
Sputum	4	4	16		
Disabled toilet	1	3	3		Off main passage
Urine collection	1	3	3	Additional	Off main passage, with hatch from disabled toilet
Acute Care (emergency centre)					
Walk in entrance	1	6	6		
Trolley/wheelchair bay	1	4	4		
Admission/reception	1	6	6		
Public ablution: Male	2	2	4		
Public Ablution: Female	2	2	4		
Public Ablution: Disabled	1	4	4		
Mothers room	1	6	6		
Admission sub- waiting area	1	10	10		
Vitals area	1	6	6		
Emergency room	2	25	50		
Nurses station	2	4	8		
Treatment/procedure	1	25	25		
Respiratory area	1	16	16		
Consulting room	2	32	64	A total of 12 consulting rooms is listed, calculated as per current	

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
				Clinic Headcounts and CHC standards. Number of consulting rooms to be adjusted with confirmation of referral clinics.	
Disaster store	1	16	16		
Observation bays	4	12	48		
POP Room	1	25	25		
Counselling room	1	16	16		
Medicine store	1	16	16		
Stores	4	10	40		
Sluice/dirty utility	1	12	12		
Clean utility	1	6	6		
Cleaners room	1	6	6		
Offices	2	12	24		
Staff room	1	20	20		
Patients toilets	2	4	8		
Doctor overnight facility	1	20	20		
Staff ablution facilities	1	6	6		
Kitchen with stores	1	40	40		
Health Support Services					
Dental					
Dental Surgery	2	14	28		
Store Room	1	4	4		
Rehabilitation					
Office - Occupational Therapy	1	12	12		
Rehab Group Room	1	80	80		
Store Room	1	10	10		
Speech Therapy Room	1	20	20		
Office - Reception	1	12	12		
Reception Waiting Area	1	12	12		
Sub Waiting Area	1	12	12		
Store Room - General	1	12	12		
Radiology					
X-Ray Reception	1	12	12		
Office	2	12	24		

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
X-Ray Room	1	21	21		
Sluice Room	1	12	12		
Patients Toilet	1	6	6		1 toilet
Ultra Sound	1	14	14		
Patient Change Room	2	12	24		
Laboratory					
Reception Drop - Off	1	7	7		
Laboratory	2	30	60		
Office	1	12	12		
Sluice Room	1	12	12		
Store Room	1	12	12		
CSSD					
Dirty Receiving	1	15	15		
Packing Room	1	50	50		
Staff Change Room and Ablutions	1	15	15		1 toilet + 1 shower
Office	1	12	12		
Store Room - Clean	1	12	12		
Store Room - Sterile	1	12	12		
General Store Room - General	1	12	12		
Store Room - Cleaner	1	12	12		
Autoclave		5	5		
Short Stay Ward					
Waiting Room	1	12	12		
Office - Reception	1	6	6		
Reception Open Plan	1	6	6		
Doctors Waiting	1	6	6		
Isolation room	1	25	25		Enclosed toilet
4 Bed Ward	2	45	90		8 beds
Kitchenette	1	12	12		
Store Room	1	12	12		
Store Room - Kit	1	12	12		
Sluice Room	1	12	12		
Male Patient Toilet and Ablutions	1	14	14		2 toilets + 1 shower
Accessible Patient Toilet and Ablutions	1	4	4		1 toilet + 1 bath

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
Female Patient Toilet and Ablutions	1	14	14		2 toilets + 1 shower
Pharmacy					
Dispensing/Counselling	1	40	40		
Dispensing Store	1	35	35		
Office - Pharmacy	1	12	12		
Store Room	1	12	12		
Rest Room - Staff	1	12	12		
Female Staff Toilet	1	6	6		1 toilet
Male Staff Toilet	1	6	6		1 toilet
Store Room - Secure	1	5	5		
Pallets Storage Area	1	12	12		
Packing - Room	1	12	12		
Loading Area	1	55	55		
Off-Loading Area	1	15	15		
Holding Area	1	13	13		
Clerk Room	1	17	17		
Main Medical Storage Room	1	60	60		
Eye Health					
Optometry Room	1	16	16		
Waiting Area	1	12	12		
Administration					
Office	1	12	12		
Reception	1	12	12		
Stationery Room	1	12	12		
Records Room	1	12	12		
Server Room	1	12	12		
Telecomm Room	1	12	12		
Electrical Room	1	12	12		
Waiting Area	2	12	24		
Female Patient Toilet	2	4	8		8 toilet
Accessible Patient Toilet	2	4	8		2 toilet
Baby Change	2	4	8		
Male Patient Toilet	2	4	8		4 toilet
MOU					
Reception and records	1	9	9		
Staff Ablution Facilities	1	10	10		

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
Staff Room	1	12	12		
Delivery Suite	1	30	30		
Ante Natal room	1	16	16		
Post Natal room	2	30	60		
Maternity Toilet and shower	1	30	30		
Maternity sluice	1	30	30		
Store	3	30	30		
Sub waiting area	1	30	30		
Cleaner room	1	6	6		
Dirty linen	1	6	6		
Clean utility	1	6	6		
General Ablutions	2	2	2		
Office	1	14	14		
Chronic Care Block					
Sub-waiting	1	22	22		
Open play area	1	7	7	Addition of small play area	
Vitals room	1	8	8		
Consulting room	4	16	64	A total of 12 consulting rooms is listed, calculated as per current Clinic Headcounts and CHC standards. Number of consulting rooms to be adjusted with confirmation of referral clinics.	
Sputum	4	4	16		
UPS / Server	1	6	6		Off main passage
Preventive & Promotive Block					
Sub-waiting	1	35	35		
Open play area	1	21	21		Under cover
External play area	1	44	44		
Open external play area	1	7	7		
Vitals room	2	8	16		
Consulting room	4	16	64	A total of 12 consulting rooms is listed, calculated as per current Clinic Headcounts and CHC standards. Number of consulting rooms to be adjusted with confirmation of referral clinics.	

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
Multi-purpose rooms	2	16	32		Can be used for Counselling rooms, Nutrition rooms, Immunisation rooms or Allied service clinics
Isolated Waiting area	2	4	8	Additional	Off main waiting, no specific stream. To be used as required, can also be used as Mother's room
Server/UPS	1	7	7		Off main waiting
Mother's room	1	8	8		Can have multi-use
Service block					
Public Ablutions					
Male	1	3	3		
Female	1	3	3		
Disabled toilet	1	4	4		To include nappy change station
Procedure room	1	12	12		Can be used for MMC
Emergency room	1	20	20	Additional	Can be used for emergency Labour / MMC
Porter's alcove	1	3	3	Additional	
Linen store	1	3	3	Additional	
Cleaner's store	1	5	5		
Cleaner's restroom	1	12	12	Additional	To be shared with Garden staff
Cleaner's Ablutions					
Male	1	3	3	Additional	To be shared with Garden staff
Female	1	3	3	Additional	To be shared with Garden staff
Shower	1	3	3	Additional	To be shared with Garden staff
Dirty utility	1	12	12		
External Store block					
Yard	1	21	21		
Laundry	1	3	3	Additional	
Garden store	1	3	3		
General waste	1	10	10		
Medical waste	1	8	8		
Gas store	1	25	25		
Youth & After hours service centre					
Youth				Additional	
Store	1	2	2		
Toilet	1	3	3		
Waiting area	1	9	9		
Counselling	1	10	10		

Room/area	No	Size	Total	Deviation	Notes
		m²	m²		
Consulting	1	16	16		
After Hours				Additional	
Community Outreach	1	24	24		
Store	1	3	3		
Kitchenette	1	4	4		
Disabled toilet	1	3	3		
Toilet	1	2	2		
Store	1	3	3		
Boardroom	1	20	20		
Crises Centre					
Sub Waiting Area	1	15	15		
Reception	1	7	7		
Store Room	1	5	5		
Female Patient Toilet and Ablutions	1	12	12		1 toilet + 1 shower
Counselling / InterviewRoom	1	15	15		
Consulting / Examination Room	1	15	15		
TOP Recovery Room	1	55	55		5 beds
Rape Treatment Room	1	13	13		
ANCILLARY BUILDING MODULE					
Mother's lodge					
Lounge	2	20	40		
Bedroom	4	27	108		16 beds
Female Patient Showers	2	9	18		4 showers
Female Patient Toilets	2	9	18		4 toilets
Dining/Kitchen	2	20	40		
ANCILLARY BUILDING MODULE					
Skills Development Centre					
Teaching Area	1	50	50		
Main Foyer Entrance	1	5	5		
Male Patient Toilet	1	4	4		1 toilet
Accessible Patient Toilet	1	4	4		1 toilet
Female Patient Toilet	1	4	4		1 toilet
Staff Toilet	1	4	4		1 toilet
Store Room	1	12	12		

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
Office	1	12	2		
ANCILLARY BUILDING MODULE					
Nutrition Skills development Centre				Additional. This module is so that the nutrition does not share with skills development as the activities interfere with each other.	
Teaching Area	1	50	50		
Main Foyer Entrance	1	5	5		
Male Patient Toilet	1	4	4		1 toilet
Accessible Patient Toilet	1	4	4		1 toilet
Female Patient Toilet	1	4	4		1 toilet
Staff Toilet	1	4	4		1 toilet
Store Room	1	12	12		
Office	1	12	12		
ANCILLARY BUILDING MODULE					
Maintenance/Mortuary Building					
Office - Maintenance	1	12	12		
Maintenance Workshop	1	60	60		
Store Room - Maintenance	1	27	27		
Kitchenette/Dining	1	10	10		
Male Staff Change Room and Ablutions	1	18	18		2 toilets + 2 showers
Female Staff Change Room and Ablutions	1	18	18		2 toilets + 2 showers
Mortuary Body Reception	1	40	40		
Office - Mortuary	1	12	12		
Mortuary Sluice Room	1	12	12		
Mortuary Cold Room	1	25	25		
Mortuary Boxing Room	1	25	25		
ANCILLARY BUILDING MODULE					
Garaging/EMS					May be located off site. To be confirmed by EMS Services.

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
Mobile Garage	5	28	140		
Ambulance Garage	2	24	48		
Vehicle Wash Bay	1	26	26		
Kitchen/Lounge	1	25	25		
Office	1	10	10		
Store Room - Maintenance	1	4	4		
Male Staff Change Room and Ablutions	1	8	8		1 toilet + 1 shower
Female Staff Change Room and Ablutions	1	8	8		1 toilet + 1 shower
ANCILLARY BUILDING MODULE					
Mobile Services					
Office - Open Plan	1	100	100		15 desks
Kitchen/Lounge	1	23	23		
Store Room - Medical	1	12	12		
Utility Room	1	12	12		
Office - Admin	1	12	12		
Male Staff Toilet	1	12	12		1 toilet
Female Staff Toilet	1	12	12		1 toilet
ANCILLARY BUILDING MODULE					
Electrical Services					
Generator Room	1	27	27		
L.V. Cubicle Room	1	20	20		
Transformer Room	1	22	22		
Store Room - Waste Storage	1	20	20		
Store Room - Domestic Waste	1	20	20		
Store Room - Garden	1	20	20		
Store Room - Medical Waste	1	20	20		
ANCILLARY BUILDING MODULE					
Flammable Services					
Store Room	1	30	30		

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
ANCILLARY BUILDING MODULE					
3 Bedroom house				Although provision is made in the standard plans for staff housing, this module has been omitted from this facility as no accommodation is provided for urban CHCs as per Department of health Employee housing Policy July 2004. If required to be motivated by the District.	
ANCILLARY BUILDING MODULE					
1 bedroom unit				Although provision is made in the standard plans for staff housing, this module has been omitted from this facility as no accommodation is provided for urban CHCs as per Department of health Employee housing Policy July 2004. If required to be motivated by the District.	
ANCILLARY BUILDING MODULE					
Bulk Stores					
Office	2	12	24		
Store room	2	50	100		
Cage area	1	50	50		
ANCILLARY BUILDING MODULE					
HAST Unit					
				Additional. The Unit is not standard but is currently operating at the Clinic	
Counselling Room	3	16	48		
Office - Pharmacist	1	12	12		
Store Room - Medical	1	12	12		
Male Patient Toilet	1	4	4		1 toilet
Accessible Patient Toilet	1	4	4		1 toilet
Femate Patient Toilet	1	4	4		1 toilet
Staff Toilet	1	4	4		1 toilet

Room/area	No	Size	Total	Deviation	Notes
		m ²	m ²		
Rest Room - Staff	1	15	15		
Total Room Area			4845		
15% Circulation			727		
Total			5588		Excluding Outside waiting area

SIGNATURES

Stakeholder	Authority	Contact Person
Department of Health: Project Leader: Tel.: Mobile: Email:	Project Leader	Infrastructure Development Mr Deon P. van Wyk 033 940 2558 079 886 2080 deon.vanwyk@kznhealth.gov.za
Department of Health: Client Department: Tel.: Mobile: Email:	Director: Planning	Infrastructure Development Ms Michelle De Goede 033 940 2611 066 372 2525 michelle.degoede@kznhealth.gov.za
Department of Health: Tel.: Mobile: Email:	Acting Director: CHC	TBC TBC TBC TBC
Department of Health: Tel.: Mobile: Email:	Facility Manager	TBC
Infection Prevention Control: Tel.: Mobile: Email:		TBC TBC TBC TBC
uMkhanyakude District Manager: Tel.: Mobile: Email:	District Director	Ms MP Themba 035 572 1390 TBC Makhosazana.Themba@kznhealth.gov.za

PART D – SIGNATURES

Signatories

The following Facilities, Programmes and their Managers, Directors or Leaders have been fully advised and have read and understood the contents of this document.

Name: M. C. A. MKHWANA
Designation: District Engineer
Date: 06/07/2023

Signature:

M. C. A. Mkhwanaz

Name: M. P. Themba
Designation: District Director
Date: 06/07/2023

Signature:

M. P. Themba

Name: _____

Designation: _____

Date: _____

Signature: _____