

PROVINCIAL ADMINISTRATION OF KWAZULU-NATAL DEPARTMENT OF HEALTH



KWAZULU-NATAL PROVINCE
HEALTH
REPUBLIC OF SOUTH AFRICA

BILLS OF QUANTITIES

with GCC for Construction Works - Second Edition 2010

RETURNABLE DOCUMENT ONE VOLUME APPROACH

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

Engineer/Principal Agent

Jeremy Steere Architect

Mtunzini
Durban
3867
035 340 1453 - Tel Number
jeremysteerearchitect@gmail.com

Employer:

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

Pietermaritzburg

3200
Tel Number: 033 - 940 2400

Tender Number: ZNB 5499/2023-H
CIDB Grading: 8GB

Document Date: 17 November 2023
Contract Period: 18 Calendar Months

Contracting Party: _____

CIDB Registration number: _____

Central Suppliers Database Registration Number: _____

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC



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, items 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.



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

The Tender



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

PART T1. - TENDER PROCEDURES



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

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:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-H	Project Code:	N/A
Advertisement date:	17 November 2023	Closing date:	26 January 2024
Closing time:	11:00	Validity period:	84 Days

It is estimated that tenderers must have a CIDB contractor grading designation of 8GB 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 : 8GB 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: <ul 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 8GB 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 : 8GB 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: _____

TAX COMPLIANCE STATUS (TCS) PIN TO VERIFY ON LINE COMPLIANCE SUPPLIER STATUS VIA SARS e-FILING (T2.19) 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:	10	Points
Price:	90	points

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

Preference points system:
Preferences are offered to Tenderer's who have attained the following in accordance with the table below:

1. **Specific goals (according to the PPPFA):** 9 of 272

(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 Tenderder will be required to sign a contract.
- 2 Tenderders 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, THE GENERAL CONDITIONS OF CONTRACT FOR CONSTRUCTION WORKS (GCC2010) 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

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:

Date: 04 December 2023

Time: 10h00

Venue: Main Boardroom, Mbongolwane District Hospital, Eshowe, KZN

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

DOH Project Manager:	Sokoya Temitope	Telephone no:	(033) 940 2400
Cell no:	060 843 4614		
E-mail:	Temitope.Sokoya@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



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

T1.2 - TENDER DATA

T1.2 TENDER DATA																													
Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC																												
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	<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 contained within 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>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 Tenderder must complete when submitting a Tender. The Tenderder must submit his Tender by completing the Returnable Documents including the priced Final Summary of the Bills of Quantities, 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"> <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> </table> <p>Part T2: Returnable documents</p> <table border="1"> <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"> <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>C1.3 -</td> <td>Form of Guarantee</td> </tr> </table> <p>Part C2: Pricing data</p> <table border="1"> <tr> <td>C2.1 -</td> <td>Pricing Instructions</td> </tr> <tr> <td>C2.2 -</td> <td>Bills of Quantities</td> </tr> </table> <p>Part C3: Scope of works</p> <table border="1"> <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> </table>			T1.1 -	Tender Notice and Invitation to Tender	T1.2 -	Tender Data	T1.3 -	Annexure C - Standard Conditions of Tender	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	C1.3 -	Form of Guarantee	C2.1 -	Pricing Instructions	C2.2 -	Bills of Quantities	C3.1 -	Scope of Works	C3.2 -	Specification for HIV/AIDS awareness	C3.3 -	HIV/STI Compliance report
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	C3.4 -	Project Specific Construction Safety, Health and Environmental Specification
	C3.5 -	Supplementary Preambles
	Part C4: Site information	
	C4.1 -	Site Information
	C4.2 -	Builders Lien Agreement
	Part 5: List of Drawings/Annexure's	
	C5.1 -	List of Drawings
	C5.2 -	Standard Preambles for all Trades (Rev 3) - DOH 2009
	C5.3 -	General Electrical Specifications
	C5.4 -	Lightning Protection Specifications
	C5.5 -	Map of Tender submission location
	C5.6 -	Joint Venture Agreement
	C5.7 -	Health and Safety Specification
	C5.8 -	Health and Safety Bill of Quantities
	C5.9 -	Builders Lien Agreement
	C5.10	Geotechnical Investigation Report (If applicable)
	C5.11	EPWP Employment Contract
	C5.12	Attendance Register - Infrastructure and Other projects
	C5.13	EPWP Data Collection tool for Phase 3 system
C.1.4	The Employer's agent (Engineer/Principal Agent) is:	
	Name:	Jeremy Steere Architect
	Capacity:	Principal Agent/Engineer
	Address:	, Mtunzini , Durban , 3867
	Tel:	035 340 1453
	E-mail:	jeremysteerearchitect@gmail.com
	Responsible person:	Jeremy Steere Architect
C.1.6	PP2-Competitive Selection Procedure	Design by Employer
	PP2B-Open Procedure	
	Tenderers must meet 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	
	This project is an EPWP project and the tenderer is advised to price accordingly.	
	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 :	
	8GB 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 designation in the 8GB 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 :	
	8GB 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.2.13.2	Tenderers are to ensure that their company details appear on the entire relevant Tender documentation and must be legible.
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.
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.
	The tenderer is to submit the Priced Bills of Quantities with the Returnable's at the closing of the tender.
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, immediately after the closing time thereof shall be at: KZN Department of Health, 310 Jabu Ndlovu Street, Pietermaritzburg, 3200 at the time indicated on T1.1 Notice and Invitation to Bid
C.3.8	The employer must determine, on opening and before detailed valuation, 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.

	<p>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:</p> <ul style="list-style-type: none"> 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. <p>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.</p>
C.3.13	<p>Tender offers will only be accepted if:</p> <ul style="list-style-type: none"> (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 Tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation as is required for this tender and the Tenderer has submitted a CIDB certificate of registration which clearly indicates the status "Active" (c) the Tenderer has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the Tenderer'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 Tenderer has not: <ul style="list-style-type: none"> i) abused the Employer's Supply Chain Management System; or ii) failed to perform on any previous contract and received a written warning/notice or has been terminated on any contract, in the past 5 years with the KZN Department of Health (f) the Tenderer is registered with: <ul style="list-style-type: none"> i) the Workmen's Compensation Fund (g) the Tenderer submitted Authority to Sign the tender. (h) the Tenderer submitted Financial Standing & other resources of Business Declaration. (i) the Tenderer signed the Form of Offer that is part of the Form of Offer and Acceptance. (j) the Tenderer submitted proof of Preference, if applicable. (k) the Tenderer submitted the fully completed Bill of Quantities including Final Summary at tender closing. (l) the Tenderer submitted a completed Bidder's Disclosure (SBD4). (m) the Tenderer submitted Site Inspection Certificate from the Compulsory Briefing Meeting. (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 and/or has complied with any instructions given through issued addenda. <p>Providing the form of offer and acceptance does not contain any qualifying statements, it will constitute the formation of a contract between the employer and the successful Tenderer as described in the form of offer and acceptance.</p>
C.3.15	<p>Tenderers are informed that any formal dispute shall be resolved by being referred to Arbitration only.</p>



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

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**.

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.

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

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 substitutes 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 BBBEE 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 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.

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 BBBEE 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.



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

PART T2 - RETURNABLE DOCUMENTS

T2.1 LIST OF RETURNABLE DOCUMENTS

Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Project Manager:	Sokoya Temitope	Tender no:	ZNB 5499/2023-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	
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	
Detailed Programme of Works	Yes	
CV's of Relevant Personnel that demonstrates extensive experience	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
N/A	

>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.

Note:

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	
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 5 years	Yes	

STAGE 3 EVALUATION OF PRICE AND PREFERENCE - T2.9

The Department has identified the following specific goal:

- full points(10 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:

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

Tender Number: **ZNB 5499/2023-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 corporation 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:

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

Tender Number: **ZNB 5499/2023-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)

Deemed to satisfy joint venture arrangements

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

Designation

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

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.

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)*

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

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

RESOLVED that:

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

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

Tender Number: **ZNB 5499/2023-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 : _____

T2.5 JOINT VENTURES INVOLVEMENT DECLARATION

Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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:			
TENDERERS 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:			
TENDERERS CIDB REGISTRATION NUMBER:			
Name			
Address			
Percentage involvement	%		

**T2.8 FINANCIAL STANDING AND OTHER RESOURCES OF BUSINESS
DECLARATION**

Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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 if/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.)

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

I accept and understand that the KZN Department of Health, as representative of the Provincial Administration of KwaZulu-Natal in this tender, may act against me and the 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..... 20.....

Full Name of Signatory

Name of Enterprise

Capacity of Signatory

Signature of authorised representative

T2.9 PREFERENCE POINTS CLAIM - SBD 6.1			
Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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 90/10 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

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

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 claimed 90/10 system (To be completed by the tenderer)
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

<input type="checkbox"/>	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 have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (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:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-H	Project Code:	N/A
Site Inspection Date:		04 December 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 meeting. I further confirm 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.

44 of 272
Departmental Stamp:

T2.11 BIDDER'S DISCLOSURE - SBD 4			
Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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 Principal Agent / Engineer 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. (See P&G E16)

These net amounts will be adjusted as follows:

FORMULA:

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

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

A = the amount (R) of adjustment

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

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

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

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

Name of authorised representative	Signature	Date

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

Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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

Section 9: -

Section 10: -

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			
Position			
Enterprise name	51 of 272		

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

Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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: 52 of 272

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

Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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: ZNB 5499/2023-H

OFFER

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

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

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.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

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:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-H	Project Code:	N/A

ATTACH SUMMARY PAGE OF THE BILL OF QUANTITIES

FINAL SUMMARY		PAGE NO	
	Building Works	70	
	Sub-Total		
	Escalation		R 6,936,543.35
	Sub-Total		
	<u>Allow 5% Contingency to be used as directed by the Principal Agent and deducted in whole or part if not used</u>	5.00%	
	Sub Total: Excluding VAT		
	Value Added Tax (15%)		
	Total		
		Carried to Form of Tender	

T2.24 - PROOF OF VALID UIF REGISTRATION

Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-H	Project Code:	N/A

CURRENTLY NOT APPLICABLE

T2.25 THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

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 sub-paragraphs 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.

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:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Bid no:	ZNB 5499/2023-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:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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. This evaluation forms part of Stage 1.

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	Deliverable Required	Deliverable meets Criteria (YES / NO) (FOR USE BY EVALUATION COMMITTEE)	Comments (FOR USE BY EVALUATION COMMITTEE)
N/A			

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: Health (Department of Health: Province of KwaZulu-Natal) in accordance with the requirements and specifications stipulated in tender number at the price/s quoted.
2. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - (i) Tendering documents, viz
 - Invitation to tender;
 - Tax Compliance Status (TCS) **PIN**;
 - Pricing schedule(s);
 - Technical Specification(s);
 - Preference claims for Specific Goals in terms of the Preferential Procurement Regulations 2022;
 - Declaration of interest;
 - Declaration of Tenderder's past SCM practices;
 - Certificate of Independent Tender Determination
 - Special Conditions of Contract;
 - (ii) General Conditions of Contract for construction works Edition 2 - GCC2010; and
 - (iii) Other (specify)
3. I confirm that I have satisfied myself as to the correctness and validity of my Tender; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the Tendering 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: _____

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

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

PART 2 (TO BE FILLED IN BY THE PURCHASER)

1. I _____ in my capacity as

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

2. An official order indicating delivery instructions is forthcoming.

3.

ITEM NO.	PRICE (ALL APPLICABLE TAXES INCLUDED)	BRAND	DELIVERY PERIOD

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:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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;

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

See attached

T2.33 - OHSE CLIENT SPECIFIC REQUIREMENTS

Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC
Tender no:	ZNB 5499/2023-H
Project Code:	N/A

See attached

T2.34 - BASELINE RISK ASSESSMENT

Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC
Tender no:	ZNB 5499/2023-H
Project Code:	N/A

See attached

T2.36 - Functionality Criteria

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

TENDER EVALUATION CRITERIA AND SCORING

The weighting for Functionality is as follows:

Evaluation Criteria	Deliverables	Points	Sub-Points	Sub-Criteria	
1	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 5 years	30 Points	30	Sub-points	Schedule of experience on 4 or more projects of similar value, scale and complexity (CIDB grading values of 8GB and over), scope (healthcare projects) – letters of award and practical completion certificates to be attached for projects completed in the preceding 5 years
			15	Sub-points	Schedule of experience on 3 or more projects of similar value, scale and complexity (CIDB grading values of 8GB and over), scope (healthcare projects) – letters of award and practical completion certificates to be attached for projects completed in the preceding 5 years
			0	Sub-points	No relevant experience in projects of similar value, scale, complexity and duration in the preceding 5 years or requested documents not provided
		20 Points	20	Sub-points	Schedule of experience on 4 or more general building projects of similar value, scale and complexity (CIDB grading values of 8GB and over) – letters of award and practical completion certificates to be attached for projects completed in the preceding 5 years
			10	Sub-points	Schedule of experience on 3 or more general building projects of similar value, scale and complexity (CIDB grading values of 8GB and over) – letters of award and practical completion certificates to be attached for projects completed in the preceding 5 years
			0	Sub-points	No relevant experience in projects of similar value, scale and complexity in the preceding 5 years or requested documents not provided
2.	Tenders Experience of Resources Proposed for the Project Tenderer to submit a detailed curriculum vitae for each team member that demonstrates their experience	30 Points	30	Sub-points	All key project resources have more than (6) years' experience in the construction industry. CV's must include demonstration of previous relevant experience for the delivery of similar projects / deliverables. Resources are to include but not limited to Technical Director, Contracts Manager, Safety Officer, Site Foreman and Quantity Surveyor
			15	Sub-points	All key project resources have more than (3) years' experience in the construction industry. CV's must include demonstration of previous relevant experience for the delivery of similar projects / deliverables. Resources are to include but not limited to Technical Director, Contracts Manager, Safety Officer, Site Foreman and Quantity Surveyor
			0	Sub-points	No submission provided or submission does not comply with conditions stated

3	Tenderers Ability to Demonstrate Compliance With Key Completion Milestones	Tenderer to submit a detailed project programme showing the critical path clearly defined	20 Points	20	Sub-points	Submission of a detailed programme indicating start dates and key milestone dates
				10	Sub-points	Submission of a high level programme without detailed tasks
				0	Sub-points	No submission provided or submission does not comply with conditions stated

TENDER EVALUATION CRITERIA AND SCORING PRICE AND SPECIFIC GOALS

Evaluation Criteria	Deliverables	Points	
Price	The lowest responsive and responsible priced offer shall be allocated 90 points. All other responsive and responsible offers shall be allocated a prorated point value based on the lowest responsive and responsible priced offer.	90	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(10 points) to companies who are at least 51% Owned by Black People	10	Points

PART A
INVITATION TO TENDER - SBD 1

TENDER NUMBER:	ZNB 5499/2023-H	CLOSING DATE:	26 January 2024		CLOSING TIME:	11:00			
DESCRIPTION	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC								
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 <i>(STREET ADDRESS)</i>									
Central Supply Chain Management, 310 Jabu Ndlovu Street, Old Boys School Building, Pietermaritzburg									
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				B-BBEE STATUS LEVEL SWORN AFFIDAVIT (Tick YES or NO)	Yes			
	No					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		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES	YES		NO	
	[IF YES ENCLOSE PROOF]					[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)				
TENDERING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:					TECHNICAL INFORMATION MAY BE DIRECTED TO:				
DEPARTMENT/ PUBLIC ENTITY	Department of Health				CONTACT PERSON	Mr T Sokoya			
CONTACT PERSON	Ms J Sookraj				TELEPHONE NUMBER	060 940 2610 / 064 908 4454			
TELEPHONE NUMBER	(033) 815 8369				FACSIMILE NUMBER				
FACSIMILE NUMBER					E-MAIL ADDRESS	temitope.sokoya@kznhealth.gov.za			
E-MAIL ADDRESS	junitha.sookraj@kznhealth.gov.za								

PART B

TERMS AND CONDITIONS FOR TENDERER - SBD 1

1.5. THIS TENDER IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, 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 Tender 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.



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

THE CONTRACT



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

C1 - AGREEMENT AND CONTRACT DATA



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

FORM OF OFFER AND ACCEPTANCE



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

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.



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

C1.2 - CONTRACT DATA

	Commencement Date Commencement date means the date of Site Hand over that should not occur prior to the tenderer receiving one fully signed copy of the Offer and Acceptance in terms of the Form of Offer and Acceptance.			
	<i>The Agreement comes into effect on the date when; The tenderer <u>receives one fully completed original copy of this document</u>, including the Schedule of Deviations (if any)</i> <i>The agreement ("this document") consists of;</i> 1. Agreement and Conditions of Contract. 2. Form of Offer and Acceptance. 3. Contract Data. 4. Scope of Works. 5. Site Information. 6. Drawings & documents referred to in the 1 to 4 above. (See Form of Offer and Acceptance)			
[5.3.1]	The contractor shall commence executing the Works within 7 calendar days from the Commencement Date.			
[5.4.1]	Possession of the site will be given within 10 calendar days after the contractor has fulfilled the conditions (4.3, 5.6, 6.2, 8.6) and received the notification from the Employer of Site Hand Over where the contractor will receive one <u>fully signed</u> copy of the Form of Offer and Acceptance from the employer .			
[5.6.1]	The Contractor shall deliver his programme of work within 10 calendar days after notice from the Employer, prior to the Commencement Date.			
	CONTRACT DETAILS			
[1.1.1.33]	Works description: Refer to document C3 – Scope of Work.			
[1.1.1.30]	Site description: Refer to document C4 – Site Information.			
	Specific options that are applicable to a State organ only Where so :			
[6.10.6.2]	1) Interest rate legislation: (a) in respect of interest owed <u>by the employer</u> , the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and (b) in respect of interest owed <u>to the employer</u> , the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply			
	2) Lateral support insurance to be effected by the contractor: <table border="1" style="float: right;"><tr><td>Yes</td><td>No</td><td>X</td></tr></table>	Yes	No	X
Yes	No	X		
	3) Payment will be made for materials and goods <table border="1" style="float: right;"><tr><td>Yes</td><td>X</td><td>No</td></tr></table>	Yes	X	No
Yes	X	No		
	4) Dispute resolution by litigation <table border="1" style="float: right;"><tr><td>Yes</td><td>No</td><td>X</td></tr></table>	Yes	No	X
Yes	No	X		
	5) Extended defects liability period applicable to the following elements: <table border="1" style="float: right;"><tr><td colspan="3" style="text-align: center;"><i>Electrical, Mechanical and Civil work</i></td></tr></table>	<i>Electrical, Mechanical and Civil work</i>		
<i>Electrical, Mechanical and Civil work</i>				
[8.6.1.1.2]	The Value of material, supplied by the Employer, and not included in the Contract Price, is: <table border="1" style="float: right;"><tr><td>R0.00</td></tr></table>	R0.00		
R0.00				
[8.6.1.1.3]	The amount to cover Professional Fees, not included in the Contract Price, for repairing damage and loss to be included in the insurance: 30% of the Contract Price			
[8.6.1.1]	The value of Works Insurance, including SASRIA cover, taken by the contractor on this contract shall be: <table border="1" style="float: right;"><tr><td>Contract sum + 30%</td></tr></table>	Contract sum + 30%		
Contract sum + 30%				
[8.6.1.3]	The limit for indemnity for liable insurance is: <table border="1" style="float: right;"><tr><td>Contract Sum + 30%</td></tr></table> The value of Public Liability Insurance cover, taken by the contractor on this contract shall be: <table border="1" style="float: right;"><tr><td>R10 million</td></tr></table>	Contract Sum + 30%	R10 million	
Contract Sum + 30%				
R10 million				
[6.5.1.2.3]	The percentage allowance to cover overhead charges for contractor and subcontractors, is: <table border="1" style="float: right;"><tr><td>33.00%</td></tr></table>	33.00%		
33.00%				
[1.1.1.14]	Practical Completion Date The Practical Completion date is: A time measured from the Commencement date.			
[5.5.1]	For the works as a whole: The whole of the works shall be completed within: <table border="1" style="float: right;"><tr><td>18 Months (which shall be deemed to include all Non – Working Days, Special Non – Working Days and the year-end Builders Annual Industry Holiday Periods).</td></tr></table>	18 Months (which shall be deemed to include all Non – Working Days, Special Non – Working Days and the year-end Builders Annual Industry Holiday Periods).		
18 Months (which shall be deemed to include all Non – Working Days, Special Non – Working Days and the year-end Builders Annual Industry Holiday Periods).				
[5.13.1]	The date for practical completion shall be <table border="1" style="float: right;"><tr><td>To be determined</td></tr></table> The penalty per calendar day shall be : <table border="1" style="float: right;"><tr><td>0.04% of the Contract Price, rounded to the nearest R10</td></tr></table>	To be determined	0.04% of the Contract Price, rounded to the nearest R10	
To be determined				
0.04% of the Contract Price, rounded to the nearest R10				
	For the works in sections: The date for practical completion from the commencement date and the penalty per calendar day :			
[5.5.1]	Portion 1: N/A			
[5.13.1]	0.04% of the Contract Price, rounded to the nearest R10			
[5.5.1]	Portion 2: N/A			
[5.13.1]	0.04% of the Contract Price, rounded to the nearest R10			
[5.5.1]	Portion 3: N/A			
[5.13.1]	0.04% of the Contract Price, rounded to the nearest R10			
[5.5.1]	Portion 4: N/A			
[5.13.1]	0.04% of the Contract Price, rounded to the nearest R10			
[5.5.1]	Portion 5: N/A			
[5.13.1]	0.04% of the Contract Price, rounded to the nearest R10			
[5.5.1]	Portion 6: N/A			
[5.13.1]	0.04% of the Contract Price, rounded to the nearest R10			
[1.3.2]	The law applicable to this agreement shall be that of the: Republic of South Africa			
[6.10.1.5]	The percentage advance on materials not yet built into the Permanent Works is: <table border="1" style="float: right;"><tr><td>80.00%</td></tr></table>	80.00%		
80.00%				

[6.10.3]	<p>Percentage retention on amounts due to contractor is: The Percentage retention is nil. The only security required by the Employer will be such as selected by the Contractor on the Form of Offer and Acceptance and Part 2: CONTRACT DATA PROVIDED BY THE CONTRACTOR, point 2 - Documents, of the Contract Data.</p> <p>Maximum retention is: 0.00% of the Contract Price</p>
[6.8.1] [6.8.2] [6.8.3]	<p>Notwithstanding anything to the contrary contained in the General conditions of Contract and Preliminaries, this contract is subject to a Contract Price Adjustment Factor.</p> <p>Clause 6.8.2 the last part of the sentence saying "calculated according to the formula and the conditions set out in the Contract Price Adjustment Schedule" must be replaced by "calculated according to the Contract Price Adjustment Provisions (CPAP) Indices Application Manual for use with P0151 indices (Revised 1 January 2013)" as published by Statistics South Africa. The Contract Price Adjustment Provision (CPAP) will be subject to the most recently released indices by Statistic South Africa. Tenderers are advised that with reference to Clause 3.4.6 of the Contract Price Adjustment Provisions (CPAP) Indices Application Manual, the Head: Health will not accept the submission by Tenderers of lists of additional items."</p>
[5.14.5]	<p>The following clause must be added to clause 5.14.5:</p> <p>[5.14.5.6] The employers agent shall submit the final account within 3 calendar months to the principal agent.</p>
[10.5] [10.5.3] [10.9.1]	<p>The determinations of disputes shall be by ARBITRATION ONLY.</p> <p>The number of Adjudication Board Members to be appointed is: One</p> <p>Replace the last part of the clause with the following: <i>"..on the application of either party, by the Chairman, or his nominee of the Association of Arbitrators."</i></p>
[1.1]	<p>Clause</p> <p>[1.1.1.5] COMMENCEMENT DATE – means the actual date of Site Hand over that should not occur prior to the Tenderer receiving one fully signed copy of the Offer and Acceptance in terms of the Form of Offer and Acceptance.</p> <p>[5.12.2.2] ABNORMAL CLIMATIC CONDITIONS - means conditions over and above what could reasonably be expected for the specific locality where the Works are being executed and include inter alia excessive rain, heat, cold, wind and any other climatic condition that would not normally be experienced during the season that the Works are executed in that area. The South African Weather Service's (http://www.weathersa.co.za) 10 year average climatic conditions statistics would be what could be reasonably expected for the specific locality where the Works are executed.</p> <p>[6.2.1] CONSTRUCTION GUARANTEE – means an on demand guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the Offer and Acceptance Form and the contract data.</p> <p>CONSTRUCTION PERIOD – means the period commencing on the commencement date and ending on the date of due completion date. This period will be deemed to commence on actual site hand over date to the contractor and end on the date of practical completion and shall include all annual industrial holiday periods, Sundays and public holidays.</p> <p>CORRUPT PRACTICE – means the offer, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.</p> <p>FINAL ACCOUNT - The document prepared by the principal agent, which reflects the contract value of the works at final approval or termination.</p> <p>FRAUDULENT PRACTICE – means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practise among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.</p>
	<p>INTEREST – the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be in terms of the legislation of the Republic of South Africa, and in particular:</p> <p>(a) in respect of interest owed by the employer, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and</p> <p>(b) in respect of interest owed to the employer, the interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999), will apply</p>
[1.1.1.16] [1.1.1.21]	<p>ENGINEER/PRINCIPAL AGENT – means the person or entity appointed by the Employer and named in the Contract Data as the Engineer /Principal Agent to act as agent of the Employer. In the event of an Engineer/Principal Agent not being appointed, then all the duties and obligations of an Engineer/Principal Agent as detailed in the Contract shall be fulfilled by a representative of the Employer as named in the Contract Data. (Hereafter referred to as Engineer)</p> <p>GENERAL ITEMS - or preliminaries means items stipulated in the Pricing Data relating to general obligations, site services, facilities and/or items that cover elements of the cost of the work which are not considered as proportional to the quantities of the Permanent Works.</p>
[4.4.1] [6.2.1] [6.10.6.2]	<p>Add the following to the clause 4.4.1: <i>"The Contract shall only use subcontractors who are duly registered with the CIDB and who has an ACTIVE status at the time of submitting the tender"</i></p> <p>Refer to Offer and Acceptance form for the various options that the contractor may choose from in providing a form of Guarantee under "GUARATEE OPTIONS".</p> <p>Replace <i>"at the prime overdraft rate, as charged by the Contractor's Bank,"</i> with <i>"..at the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975)."</i> Omit <i>"on all overdue payments from the date on which the same should have been paid..."</i> and replace with <i>"only after 30 calendar days from receiving written notice from the Contractor that the amount is overdue..."</i></p>

<p>[5.12.3]</p>	<p>SPECIAL CONDITIONS OF CONTRACT Omit clause 5.12.3 and add the following: "5.12.3. If an extension of time is granted, the Contractor shall be paid such additional time-related General Items, including for special non-working days, if applicable as are appropriate regarding to any other compensation which may already have been granted in respect of the circumstances concerned. The reasons for extension of time that would invoke payment of time related General Items are inter alia; 5.12.3.1 Failure to give possession of the site to the contractor. 5.12.3.2 Making good physical loss and repairing damage to the works where the contractor is not at risk. 5.12.3.3 Contract instructions not occasioned by default by the contractor. 5.12.3.4 Failure to issue construction information timeously or the late issue of a contract instruction following a request from the contractor. 5.12.3.5 Late acceptance by the principal agent of a design undertaken by a selected subcontractor where the contractor's obligations have been met. 5.12.3.6 Suspension or cancellation termination invoked by a nominated or selected n/s subcontractor due to default by the employer or the principal agent. 5.12.3.7 Insolvency of a nominated subcontractor. 5.12.3.8 A direct contractor. 5.12.3.9 Opening up and testing of work and materials and goods where such work is according to in accordance with the contract documents. 5.12.3.10 The execution of additional work for which the quantity included in the bills of quantities is not sufficiently accurate. 5.12.3.11 Late or failure to supply materials and goods for which the employer is responsible. 5.12.3.12 Suspension of the works."</p>
<p>[5.14.5.1] [5.16.4]</p>	<p>Omit entire clause 5.14.5.1 Add the following new clause "5.16.4. Upon the issue of a Final Approval Certificate, unless otherwise provided in the Contract: 5.16.4.1. The performance Guarantee (if any) shall be returned within 14 days to the guarantor in terms of Clause 7."</p>
<p>[6.2.3]</p>	<p>Add to clause 6.2.3 the following "The Contractor shall provide proof of paid-up premium payments to accompany his payment certificate as proof that his performance guarantee has not expired yet. The Contractor will not receive payment without proof of the validity of their performance</p>
<p>[9.3.2.2]</p>	<p>Omit "without prejudice to the exercise of any lien the Contractor may have acquired over the Employer's property." Duties and functions of the Engineer requiring the specific approval of the Employer BEFORE execution of any part of these duties are as follows:</p> <ul style="list-style-type: none"> (a) Determinations of contractors claims for extension of time (revision of the contract completion date). All claims for extension of time shall be submitted by the Engineer, together with the Engineer's recommendations, to the Employer for determination. Omit "Engineer" in clause 42.2 and (b) Drawings, instructions or communications of any kind requiring variations of the works and involving EXTRA's shall NOT be given effect by the Contractor UNTIL Official Variation Order submission including the Financial Request for Additional Funds, has been approved and signed by the Head of Department: Health (c) Insurance policies to be approved by the Employer within 21 days of the date of the Commencement of the Works. (d) Any notice of disagreement raised by the Contractor or written Dispute Notice given by the Contractor to the Engineer shall be submitted by the Engineer, together with the Engineer's recommendations, to the Employer for determination. (e) The issue of the certificate of practical completion, certificate of completion and the final approval certificate shall be signed and submitted by the Engineer, to the Employer for final approval and signature. The certificates shall not be considered as officially issued until signed by the Employer.
	<p>MANAGING PROJECT DURATION</p> <ul style="list-style-type: none"> (a) The Contractor shall co-ordinate his programme with all other contractors whose work may precede or be executed simultaneously to his own. The Contractor will be called upon to plan and control the project using the Project Evaluation and Review Technique (PERT) or other approved Critical Path Method (CPM) network analysis of his events and activities and those of the sub-contractors in his employ and must co-ordinate his planning with any other contractor employed on the project. A fortnightly project control report will be expected from the Contractor in writing, evaluating any gains or delays against the critical path and he should allow for all costs involved in planning reviewing and updating the programme to the satisfaction of the Principal Agent against this item. (b) Activity-and total float shall belong to the Employer. (c) The Contractor shall deliver his programme of work within 10 calendar days after notice from the Employer, prior to the Commencement Date. It is a condition of this contract that, the contractor submit to the Engineer/principal agent a detailed CPM Programme which shall be to the approval of the Engineer/principal agent. In this regard tenderers are advised to consult with the Engineer/Principal Agent as to the format and requirements of the programme as no claim whatsoever will entertained should the programme fail to meet the requirements of the Engineer/Principal Agent. Failure to submit the programme within the stipulated time may result in the contractor being held in breach of contract. <p>The approved programme will form the basis of time management of the project and extension of time will not be guaranteed unless the Contractor has strictly complied with this provision. The programme shall make allowance for inclement weather at 3 workings days per month.</p>
	<p>INCLEMENT WEATHER AND CLAIMS FOR DELAYS IN PERFORMANCE</p> <ul style="list-style-type: none"> (a) The Contract Sum includes a monthly allowance of 3 working days inclement weather during which rainfall exceeds 10mm per day for months as indicated in the Scope of Works. These days shall be reflected on the critical path of the Contractor's programme as specified in MANAGING PROJECT DURATION above. (b) Claims for delays in performance due to inclement weather shall be calculated separately for each calendar month and for the project as a whole. Delays or gains to the critical path shall be reflected in all revisions of the programme. An extension of time will only be granted where the following conditions are met: <ul style="list-style-type: none"> (i) The criteria to be used for WORK stoppages shall be for safety hazards or poor quality of work. (ii) The Employer's site representative or the Employer's Principal Agent, if the site representative is not available shall be notified when the Contractor stops the work and intends to claim performance delays. The Employer representative shall inspect the situation together with the Contractor and give an immediate decision. <ol style="list-style-type: none"> 1. The stoppage claimed must cause a delay in the Completion Date of work. If the critical activities can proceed and a non-critical activity is delayed due to inclement weather no claims for delay shall be granted. 2. No claims for stoppages less than 2(two) hours per day shall be considered. 3. Claims granted for more than 2 (two) hours, but less than 10 (ten) hour (lunch included) day, shall be added together and expressed as full days. 4. All claims shall be submitted in writing to the Principal Agent within one working day of the actual stoppage. 5. The total delay in performance granted to the Contractor expressed in days shall be added to the contractual Completion Date of each section of the Works. The contractual penalty clause shall only come into effect after this newly arrived date. 6. Total delays (in hours) will be rounded up or down to the nearest integer for the calculation of Working Days. The total hours (including lunch) per Working Day shall be 10 unless otherwise indicated on the Contractor's programme. 7. Where the programmed delays for inclement weather exceed the actual delays incurred the Completion Date(s) will not be adjusted.

	<p>8. Where the project includes builder's holidays the programmed durations for inclement weather shall be adjusted pro-rate to the actual Working Days.</p> <p>9. The total of all monthly delays due to inclement weather shall be calculated in accordance with the example given below:</p> <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="2" rowspan="2">Description</th> <th colspan="5">Months</th> <th rowspan="2">Total</th> </tr> <tr> <th>Sept</th> <th>Oct</th> <th>Nov</th> <th>Dec</th> <th>Jan</th> </tr> <tr> <th colspan="2"></th> <th>Hours</th> <th>Hours</th> <th>Hours</th> <th>Hours</th> <th>Hours</th> <th>Hours</th> </tr> </thead> <tbody> <tr> <td>Programmed</td> <td>Rain days</td> <td>0</td> <td>30</td> <td>30</td> <td>15</td> <td>15</td> <td>90</td> </tr> <tr> <td>Actual</td> <td>Rain days</td> <td>16</td> <td>22</td> <td>35</td> <td>15</td> <td>18</td> <td>106</td> </tr> <tr> <td colspan="2">Difference</td> <td>-16</td> <td>8</td> <td>-5</td> <td>0</td> <td>-3</td> <td>-16</td> </tr> <tr> <td colspan="7">Estimated Extension of time - in working days</td> <td>2</td> </tr> </tbody> </table> <p>8 hrs/day* See point 5.2 in the Scope of Works for the specific days the tenderer must allow for in this contract.</p>							Description		Months					Total	Sept	Oct	Nov	Dec	Jan			Hours	Hours	Hours	Hours	Hours	Hours	Programmed	Rain days	0	30	30	15	15	90	Actual	Rain days	16	22	35	15	18	106	Difference		-16	8	-5	0	-3	-16	Estimated Extension of time - in working days							2
Description		Months					Total																																																					
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Tender no:	ZNB 5499/2023-H Part 2: CONTRACT DATA PROVIDED BY THE CONTRACTOR:																																																											
	POST-TENDER INFORMATION																																																											
	Note: All information for this section requires consultation with the Contractor. The Engineer/Principal Agent shall not pre-select any of the alternatives available to the Contractor.																																																											
1	CONTRACT DETAILS																																																											
[1.1.1.9]	Contractor Name:																																																											
[1.2.1.2]	Postal address:																																																											
	Tel no			Fax no																																																								
	Tax / VAT Registration No:			e-mail																																																								
	Physical address:																																																											
[1.1.1.10]	The accepted contract price inclusive of tax is R :																																																											
	[Amount in words]																																																											
	Payment Of Preliminaries (Clause 6.7, 6.8, 6.10 and 6.11)																																																											
	The preliminaries amounts shall be paid in terms of:		*Alternative A		Yes																																																							
			**Alternative B		N/A																																																							
	* Assessed by the Engineer/Principal Agent as an amount prorated to the value of the Work duly executed in the same ratio as the Preliminaries bears to the Contract Price excluding VAT, Preliminary amount, Contingencies and any CPAP.																																																											
	** Calculated from the priced Bill of Quantity/Lump Sum document. The Contractor and the Engineer/Principal Agent shall agree on a division of the priced Preliminaries items into: initial establishment charge, monthly charge and final disestablishment charge.																																																											
	If the Contractor and the Engineer/Principal Agent can not agree, within 10 Working Days from the Commencement Date, on such a division then the Engineer/Principal Agent shall make a division of the Preliminaries to be incorporated in the valuations for each monthly payment certificate as follows;																																																											
	10% of the General Items/Preliminaries amount shall not be varied																																																											
	15% of the General Items/Preliminaries shall only be varied in proportion of the Contract Price to the Contract Sum																																																											
	75% of the General Items/Preliminaries shall be varied in proportion to the revised Construction Period compared with the initial Construction Period.																																																											
Alternative A	Adjustment of Preliminaries (Clause 6.7, 6.8, 6.10 and 6.11)																																																											
	For the adjustment of Preliminaries both the Contract Sum and the Contract Value (including tax) shall exclude the amount of Preliminaries, all Contingency Sum(s) and any provision for Cost Price Adjustment Provisions:-																																																											
	- An amount which shall not be varied.																																																											
	- An amount varied in proportion to the contract value as compared to the Contract Sum.																																																											
	- An amount varied in proportion to the Construction Period as compared to the initial Construction Period (excluding revisions to the Construction Period to which the Contractor is not entitled) to adjustment of the Contract Value in terms of the agreement.																																																											
	The Contractor shall provide a breakdown of charges (including tax) within 15 working days of the date of acceptance of tender and, where applicable, an apportionment of Preliminaries per section																																																											
	If the Contractor and the Principal Agent cannot agree, within ten (10) Working Days from the Commencement Date, on such a division then the Principal Agent shall make a division of the Preliminaries to be incorporated in the valuations for each monthly payment certificate as follows;																																																											
	0% of the amount shall not be varied																																																											
	10% of the amount shall not be varied																																																											
	15% varied in proportion of the Contract Value to the Contract Sum																																																											
	75% varied in proportion to the revised Construction period compared with the initial Construction Period																																																											
	Sectional Completion : Subdivision of Preliminaries Costs																																																											
	For the adjustment of preliminaries for sections of the work the value of fixed, value, and time related amounts of the preliminaries for each section is required. The contractor is to provide such information within fifteen (15) working days of taking possession of the site, failing which the categorised preliminaries amounts shall be prorated to the value of each section.																																																											
	The above shall apply equally for projects where sectional completion was not contemplated at tender stage but subsequently occurred on an adhoc basis during construction of the works as agreed between the client and the employer. The original priced categorised amounts for fixed, value, and time related amounts shall be prorated to the value of each section.																																																											
	When an extension of time has been granted in terms of the GCC and the preliminaries require to be adjusted accordingly, the pertinent sectional (subdivided) categorised preliminaries amounts shall be utilised, where applicable and not the overall preliminary amounts.																																																											
	Where sectional completion is required in terms of the agreement, the Contractor shall provide the Principal Agent with the division of the above categorized amounts into sections. Should the Contractor fail to provide such information within the period stipulated the categorized amounts shall be prorated to the value of each section.																																																											
	<input type="checkbox"/> YES						yes / no																																																					

Alternative B	<p>The Contractor shall within 15 working days of the date of possession of the site provide the Principal Agent with a detailed breakdown of Preliminaries amounts for the works as a whole, or per section where applicable, including administrative and supervisory staff charges and for the use of construction equipment in terms of the programme.</p> <p style="text-align: right;"><input type="checkbox"/> NO yes / no</p> <p>The contractor is informed that only option 'A' shall apply</p>
	<p>Waiver of the Contractors lien or right of continuing possession is required. <input checked="" type="checkbox"/> YES</p>
GUARANTEE OPTIONS	
<p>The Tenderer agrees to provide a bank or insurance guarantee in accordance with clause 6.2.3 of the Conditions of the GCC2010 Contract within the period stated in the Contract Data. This guarantee shall be for a sum equal to an amount stated in the Contract Data.</p>	
<p>Guarantees submitted must be issued by either an insurance company duly registered in terms of the Insurance Act (Long Term Insurance Act No 52 of 1998 or Short Term Insurance Act No 53 of 1998) or by a bank duly registered in terms of the Banks Act No 94 of 1990, on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.</p>	
<p>(a) the tenderer accepts that in respect of contracts up to R1 million, a payment reduction of 5% of the contact value will be applicable and will be reduced by the Employer in terms of the applicable conditions of contract.</p>	
<p>(b) in respect of contracts above R1 million, the Tenderer offers to provide security as indicated below: select one option</p>	
<p>(i) payment reduction of 10% of the value certified in the payment certificate (excluding VAT)</p>	
<p>(ii) bank or insurance Performance Guarantee of 10 % of the Contract Price</p>	
<p>(iii) bank or insurance guarantee of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT)</p>	
<p>3 SIGNATURES OF THE CONTRACTING PARTIES</p>	
<p>Thus done and signed at.....onof.....20.....</p>	
<p>Name of signatory _____</p>	<p>for and behalf of the Employer who by signature hereof</p>
<p>Capacity of signatory _____</p>	<p>as Witness.</p>
<p>Thus done and signed at.....onof.....20.....</p>	
<p>Name of signatory _____</p>	<p>for and behalf of the Contractor who by signature hereof</p>
<p>Capacity of signatory _____</p>	<p>as Witness.</p>



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

C1.3 - FORM OF GUARANTEE

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

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

ON DEMAND PERFORMANCE GUARANTEE

Tender Number

Project Code N/A

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

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means: _____

Physical Address: _____

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

"Contractor" means: _____

"Engineer" means: _____

"Works" means: **CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC**

"Site" means: _____

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

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

Amount in Words:

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

Amount in Words: _____

"Expiry Date" means: _____

CONTRACT DETAILS

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

PERFORMANCE GUARANTEE

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

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

Signed at

Date

Guarantor's signatory (1)

Capacity

Guarantor's signatory (2)

Capacity

Witness signatory (1)

Witness signatory (2)



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

PART C2 - PRICING DATA

C2.1 PRICING INSTRUCTIONS GCC FOR CONSTRUCTION WORKS (Second Edition 2010)			
Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-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> <p>MASSES AND MEASURING UNITS</p> <p>These shall be in accordance with the Measuring Units and National Measuring Standards Act No. 76 of 1973 and amendments thereto.</p> <p>The pages of each of these documents are numbered consecutively and before the Tenderer submits his tender he should check the number of pages, and if any are found missing or duplicated, or the figures or writing indistinct, or the documents contain any obvious error, he should apply to the Head : Health AT ONCE and have same rectified as no liability whatsoever will be admitted by the Administration in respect of errors in Tender due to the foregoing.</p>
2	<p>PRICES FOR VARIATIONS</p> <p>Where prices or quotations for variations are submitted by the Contractor during the currency of the Contract, it is to be clearly understood that these are for the purpose of consideration by the Head : Health and that there is no assumption of acceptance. The Contractor will be notified of acceptance of prices or quotations either by insertion of the amount on the variation order or by written intimation.</p>
3	<p>The scale to which the Drawings are made is only to be made use of when no figured dimensions are given either on the Drawings or in the tender documents and the figured dimensions are always to be followed though they may not coincide with the scale of the Drawings, but dimensions where possible are to be taken from the buildings.</p>
4	<p>PROVISIONAL ITEMS</p> <p>All items described as "Provisional" shall be used as directed by the Employer and measured and valued or paid for.</p> <p>No work for which "Provisional" items are allowed shall be commenced without written instructions from the Head : Health.</p>

5	<p>TIMELY ORDERING OF MATERIALS</p> <p>The Contractor is warned to place all orders for materials or special articles as early as possible, as he will be held solely responsible for any delay in the delivery of such goods. Nevertheless this tender is conditional upon no liability being attached to the Contractor if delivery of materials is rendered impossible by reason of any act of the Government.</p>
6	<p>ELECTRICAL LIGHTING, POWER AND WATER</p> <p>The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Employer.</p> <p>The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed.</p> <p>Tenderers are advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.</p>
7	<p>IMPORT PERMITS, DUTIES AND SURCHARGES.</p> <p>All tenders by means of which imported products are being called for, must use the rate of exchange 14 days prior to the closing date indicated in the tender documents. If this day falls on a weekend or public holiday, the next working day must be used.</p> <p>Furthermore, Tenderers must submit documentary proof (in the form of a certified copy) from their bank or legally recognised financial institution, clearly indicating what the rate of exchange was 14 days prior to the closing date, as mentioned above.</p> <p>Together with this, the Tenderer must confirm that the tender price relating to an imported product, was based on the rate of exchange 14 days prior to the closing date as mentioned above.</p>
8	<p>STANDARD SYSTEM OF MEASUREMENT WHERE BILLS OF QUANTITIES FORM PART OF THE TENDER DOCUMENTS</p> <p>The work executed under this Contract has been measured in accordance with the;</p> <p style="text-align: center;">Standard System of Measuring Builders Work (7th Edition)</p> <p>including all amendments unless descriptions of items indicate a deviation and it shall be understood that the system of measurement which is herein adopted is the only system of measurement which will be recognised in connection with this contract. Any contradictions to this system of measurement contained in the “Model Preambles for Trades 2008” shall be disregarded (unless same have been accommodated in the system of measurement) but applicable rates shall be included for all requirements stated and not measured separately in compliance with this system.</p>
9	<p>PRICING OF ROCK EXCAVATIONS</p> <p>It is a condition of this tender that should the tenderer elect to price the Rock Excavation included in this tender, the rates must be market related and should be identically priced for the same classification of excavations and not vary for similar billed items in the different sections.</p>

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REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE

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

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

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TAX CLEARANCE REQUIREMENTS

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

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

Security PIN Number	
Company / Entity Tax Reference Number	

13	BILLS OF QUANTITIES/LUMP SUM DOCUMENT The Bills of Quantities document forms part of and must be read and priced in conjunction with all the other documents forming part of the contract documents, the Standard Conditions of Tender, Conditions of Contract, Standard Preambles to all Trades, Specifications, Drawings and all other relevant documentation.
14	VALUE ADDED TAX The tender price must include for Value Added Tax (VAT). All rates, provisional sums, etc. in the Bills of Quantities must however be net (exclusive of VAT) with VAT calculated and added to the Total Value thereof in the Final Summary.
15	FIXED PRICE CONTRACT Should the Bills of Quantities/Lump Sum Document be a fixed price contract, the following clause must be inserted in the Pricing Instructions: Tenderders are to take note that the contract price adjustments are not applicable to this contract. Tenderders should therefore make provision in the Contract Sum, schedule of rates, etc. for possible price increases during the contract period, as no claims in this regard shall be entertained.



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

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

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
	BILL NO. 1				
	PRELIMINARY AND GENERAL				
	<p>The agreement is to be the General Conditions of Contract for Works of Civil Engineering Construction (2010) (Second Edition) , published by the S. A. Institution Of Civil Engineering.</p> <p>The Preliminaries are to be the Construction and management requirements for works contracts - Part 1: General engineering and construction works (SANS 1921-1: 2004 Edition 1) prepared by Standards South Africa and shall be deemed to be incorporated herein.</p> <p>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>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>Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable").</p> <p>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>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>				
	SECTION A: GENERAL CONDITIONS OF CONTRACT				
	General (clause 1)				
1	F:..... V:..... T:.....	Item	1		
	Basis of Contract (clause 2)				
2	F:..... V:..... T:.....	Item	1		
	Engineer (clause 3)				
3	F:..... V:..... T:.....	Item	1		
	Contractor's General Obligation (clause 4)				
4	F:..... V:..... T:.....	Item	1		
	Time and Related Matters (clause 5) - As referred to in the Contract Data under Special Condition of Contract.				
5	F:..... V:..... T:.....	Item	1		
	Payment and Related Matters (clause 6)				
6	F:..... V:..... T:.....	Item	1		
/Page 1				Carried to Collection	
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Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
7	Quality and Related Matters (clause 7) F:..... V:..... T:.....	Item	1		
8	Risk and Related Matters (clause 8) F:..... V:..... T:.....	Item	1		
9	Termination of Contract (clause 9) F:..... V:..... T:.....	Item	1		
10	Claims and Disputes (clause 10) F:..... V:..... T:.....	Item	1		
SECTION B: SANS 1921-1:2004 (Edition 1): CONSTRUCTION AND MANAGEMENT REQUIREMENTS FOR WORKS CONTRACTS: PART 1					
Refer to the SCOPE OF WORK for detail requirements:					
Scope					
11	F:..... V:..... T:.....	Item	1		
Normative references					
12	F:..... V:..... T:.....	Item	1		
Definitions					
13	F:..... V:..... T:.....	Item	1		
Requirements for construction and management					
14	F:..... V:..... T:.....	Item	1		
General					
15	F:..... V:..... T:.....	Item	1		
Responsibilities for design and construction					
16	F:..... V:..... T:.....	Item	1		
Planning, programme and method statements					
17	F:..... V:..... T:.....	Item	1		
Quality assurance					
18	F:..... V:..... T:.....	Item	1		
Setting out					
19	F:..... V:..... T:.....	Item	1		
Management and disposal of water					
20	F:..... V:..... T:.....	Item	1		
/Page 2					Carried to Collection
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Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
21	Blasting F:..... V:..... T:.....	Item	1		
22	Works adjacent to services and structures F:..... V:..... T:.....	Item	1		
23	Management of the Works and site F:..... V:..... T:.....	Item	1		
24	Earthworks F:..... V:..... T:.....	Item	1		
25	Testing F:..... V:..... T:.....	Item	1		
26	Materials, samples and fabrication drawings F:..... V:..... T:.....	Item	1		
27	Equipment F:..... V:..... T:.....	Item	1		
28	Site establishment F:..... V:..... T:.....	Item	1		
29	Survey control F:..... V:..... T:.....	Item	1		
30	Temporary works F:..... V:..... T:.....	Item	1		
31	Existing services F:..... V:..... T:.....	Item	1		
32	Health and safety F:..... V:..... T:.....	Item	1		
33	Environmental requirements F:..... V:..... T:.....	Item	1		
34	Alterations, additions, extensions and modifications to existing works F:..... V:..... T:.....	Item	1		
35	Inspection of adjoining structures, services, buildings and property F:..... V:..... T:.....	Item	1		
36	Attendance on nominated and selected subcontractors F:..... V:..... T:.....	Item	1		
/Page 3					Carried to Collection

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
	SECTION C: SCOPE OF WORK in accordance with SANS 10403				
	(The reference to Clauses refer to Table B.1 of SANS 1921-1:2004)				
	Certification by recognised bodies - CLAUSE 4.4				
37	F:..... V:..... T:..... Agrément certificates - CLAUSE 4.5	Item	1		
38	F:..... V:..... T:..... Other services and facilities - CLAUSE 4.8	Item	1		
39	F:..... V:..... T:..... Recording of weather - CLAUSE 5.2	Item	1		
40	F:..... V:..... T:..... Management meetings - CLAUSE 5.3	Item	1		
41	F:..... V:..... T:..... Daily records CLAUSE 5.6	Item	1		
42	F:..... V:..... T:..... Bond and guarantees - CLAUSE 5.7	Item	1		
43	F:..... V:..... T:..... Permits - CLAUSE 5.9	Item	1		
44	F:..... V:..... T:..... Proof of compliance with the law - CLAUSE 5.10	Item	1		
45	F:..... V:..... T:.....	Item	1		
	SECTION D: SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 (Table A.1)				
	Requirements for drawings, information and calculations for which the contractor is responsible CLAUSE 4.1.7				
46	F:..... V:..... T:.....	Item	1		
	The responsibility strategy assigned to the contractor for the works CLAUSE 4.2.1				
47	F:..... V:..... T:.....	Item	1		
	The planning, programme and method statements - CLAUSE 4.3				
48	F:..... V:..... T:.....	Item	1		
	Samples of materials, workmanship and finishes - CLAUSE 4.12.1				
49	F:..... V:..... T:.....	Item	1		
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Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
50	Fabrication drawings that the contractor is to provide and deliver to the employer - CLAUSE 4.12.2 F:..... V:..... T:.....	Item	1		
51	Office for the foreman CLAUSE 4.14.3 F:..... V:..... T:.....	Item	1		
52	Telephone - CLAUSE 4.14.3 F:..... V:..... T:.....	Item	1		
53	Office for inspector of works - CLAUSE 4.14.3 F:..... V:..... T:.....	Item	1		
54	Telephone in office for inspector of works - CLAUSE 4.14.3 F:..... V:..... T:.....	Item	1		
55	Sheds - CLAUSE 4.14.3 F:..... V:..... T:.....	Item	1		
56	Provision and erection of signboards - CLAUSE 4.14.6 F:..... V:..... T:.....	Item	1		
57	Termination, diversion or maintenance of existing services - CLAUSE 4.17.1 F:..... V:..... T:.....	Item	1		
58	Services which are known to exist - CLAUSE 4.17.3 F:..... V:..... T:.....	Item	1		
59	Detection apparatus - CLAUSE 4.17.4 F:..... V:..... T:.....	Item	1		
60	Additional health and safety requirements - CLAUSE 4.18 F:..... V:..... T:.....	Item	1		
SECTION E: SPECIFIC PRELIMINARIES					
<u>Section E contains Specific Preliminary items which apply to this contract except where "N/A" (Not Applicable) appears against the item.</u>					
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.					
61	F:..... V:..... T:.....	Item	1		
/Page 5					Carried to Collection
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Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
62	<p>OVERTIME</p> <p>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.</p> <p>F:..... V:..... T:.....</p>	Item	1		
63	<p>AS BUILT DRAWINGS</p> <p>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.</p> <p>F:..... V:..... T:.....</p>	Item	1		
64	<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	1		
65	<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>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.</p>	Item	1		
66	<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	1		
67	<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	1		
/Page 6					Carried to Collection

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
68	<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	1		
69	<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	1		
70	<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> <p>CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP)</p> <p>Contract Price Adjustment Provisions (CPAP) Indices Application Manual for use with P0151 indices as published by Statistics South Africa shall be applied. The Contract Price Adjustment Provision (CPAP) will be subject to the most recently released indices by Statistic South Africa. Bidders are advised that with reference to Clause 3.4.6 of the Contract Price Adjustment Provisions (CPAP) Indices Applications Manual, the Head: Health will not accept the submission by Bidders of lists of additional items.</p> <p>EPWP CONDITIONS AND SPECIFICATIONS</p> <p>12.1 EMPLOYMENT TARGETS</p> <p>E12.1 a Employment Targets</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>	Item	1		
/Page 7					Carried to Collection

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
71	<p>No of jobs to be created = [Contractor to fill in an estimated number]</p> <p>F:..... V:..... T:.....</p> <p>E12.1 b Employment requirements</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> <p>1. 55% of unskilled labour to be women</p> <p>2. 55% of unskilled labour to be youth aged between 18 and 35 years</p> <p>3. 2% of unskilled labour to be people living with disability</p> <p>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>	Item	1		
72	<p>F:..... V:..... T:.....</p> <p>E12.1 c Labour rate and payment intervals</p> <p>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.</p> <p>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.</p> <p>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>	Item	1		
73	<p>F:..... V:..... T:.....</p>	Item	1		
/Page 8					Carried to Collection

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
	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				
74	F:..... V:..... T:.....	Item	1		
	<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)"				
75	F:..... V:..... T:.....	Item	1		
	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.				
76	F:..... V:..... T:.....	Item	1		
	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.				
77	F:..... V:..... T:.....	Item	1		
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Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
78	<p>E12.4 EPWP REPORTING as per EPWP DATA FORM</p> <p>At the end of each month as part of site progress report and to be attached to every contractors' progress payment certificate; the contractor shall provide the principal agent & 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	1		
	<p>E12.5 EPWP PROMOTION</p> <p><u>12.5.1 EPWP signage board</u></p> <p>EPWP Program at the project level shall always be promoted through have the projects signage board that embrace EPWP logo at the bottom, correct measurement for this signage board will be provided by the project leader during the site handing over meeting. the standard "HELVETIVA 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	1		
	<p><u>12.5.2 Branding of labour apparel</u></p> <p>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	1		
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Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
	<p>E12.6 COMMUNITY LIAISON OFFICER (CLO)</p> <p><u>UTILISATION OF A COMMUNITY LIAISON OFFICER</u></p> <p>In addition to the requirements of Clause E9, contained in this document;</p> <p>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 8. Assisting the Contractor and the work force in the establishment of grievance procedures and necessary recommenda-tion to the Contractor regarding the grievances and solution thereto. 9. Attending to site meetings and project implementation meetings as required by the Contractor and prepare periodic reports as may be required by the Contractor from time to time. 10. Attending to such other duties which are consistent with the functions of a CLO, as may be required by the Contractor from time to time. 				
/Page 11					Carried to Collection

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
79	<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</p> <p>Contractor in conforming to the object of EPWP that its beneficiaries need to be capacitated with skills that will render them employable in the future. It is then the responsibility of the Contractor that mandatory life skills are provided to 100% of workforce on site and on the job training to labourers from whom the potential for further development has been identified. The latter is not mandatory to all as it covers technical skills.</p> <p>Contractor should also make provision for the possibility that there might be local youth that will need to be placed on the project with an intention to be provided support towards improving their level of competency and productivity.</p> <p>Contractor shall also provide all necessary on-the-job training to targeted labour to enable such labour to master and advance on techniques required to undertake the work in accordance with requirements of the contract in a manner that does not compromise workers health and safety.</p>	Item	1		
80	<p>F:..... V:..... T:.....</p> <p>E12.8 LABOUR ONLY Sub Contracting for local emerging enterprises</p> <p>Tenderer's are advised that this contract is subject to the Expanded Public Works Programme (EPWP) and the following criteria will apply:</p> <p><u>African Equity Ownership</u></p> <p>a) The Tenderer is to allow for 5% of the total value of works to be undertaken by a Priority Population Group. This percentage excludes the costs of employing local unskilled labour. The allocation of this percentage from the Project, the screening of people, the selection of skills, will be for the Contractor to adjudicate.</p> <p>b) The Priority Population Group consists of women, youth and disabled people.</p> <p>c) The Contractor is to give first option for prospective PPG's from the surrounding areas of the Project. Should there be insufficient suitable people fitting the criteria of PPG's, the Contractor may hire people from further afield. This is to be done only after consultation with the Department of Works EPWP Co-ordinator and the Community Liaison Officer (CLO).</p>	Item	1		
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Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
81	<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> <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>	Item	1		
82	<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>	Item	1		
/Page 13				Carried to Collection	

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
	<p>Where scaffolding is necessary for the use by any PPG and the Contractor has not erected any for his own use or has removed same after his own use, the Contractor shall supply sufficient scaffolding to the PPG to be erected and dismantled by the PPG and returned to the Contractor.</p> <p>This attendance upon PPG's to execute the work is to include for the scaffolding provisions as aforesaid and, in addition, is to include for co-operating to the fullest extent with all the parties, attending on off-loading materials, providing suitable storage for tools and materials used by the PPG's, use of general facilities such as latrines, etc., supply and cost of power, lighting, water and the like.</p> <p>F:..... V:..... T:.....</p>	Item	1		
	<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	1		
	<p>E12.10 EPWP SCOPE of WORK</p> <p>Note:</p> <p>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; tilling; carpentry; flooring; waterproofing; etc.</p> <p>F:..... V:..... T:.....</p>	Item	1		
83					
84					
/Page 14					Carried to Collection

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
	<p>Note:</p> <p>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></p> <p>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></p> <p>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></p> <p>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	1		
/Page 15					Carried to Collection

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
	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)				
	Provide and maintain a condom dispenser in terms of Clause 5.1a)				
85	F:..... V:..... T:.....	Item	1		
	Provide and maintain HIV/AIDS awareness posters terms of Clause 5.1b)				
86	F:..... V:..... T:.....	Item	1		
	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)				
87	F:..... V:..... T:.....	Item	1		
	Arrange for workers to attend the HIV Awareness Programme in terms of Clause 5.2.1b)				
88	F:..... V:..... T:.....	Item	1		
	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).				
89	F:..... V:..... T:.....	Item	1		
	<i>Note: In the event that the contractor fails to satisfy the requirements of this specification, the employer (Head: Health) may apply any of the sanctions provided for in the contract. Sanctions may include the application of a financial penalty of 0.04% of the Contract Sum per calendar day of which the required reports has not been submitted.</i>				
	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"				
90	F:..... V:..... T:.....	Item	1		
	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.				
91	F:..... V:..... T:.....	Item	1		
/Page 16					Carried to Collection

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
	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.				
92	F:..... V:..... T:.....	Item	1		
	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.				
93	F:..... V:..... T:.....	Item	1		
	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.				
94	F:..... V:..... T:.....	Item	1		
	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.				
95	F:..... V:..... T:.....	Item	1		
	EXISTING PREMISES OCCUPIED				
	Refer to Scope of Works Part C3 of this Bid Document for information on the occupation of existing buildings.				
96	F:..... V:..... T:.....	Item	1		
	INACCURATE AND DEFECTIVE WORK EXECUTED UNDER PREVIOUS CONTRACT				
	The contractor shall, after taking possession of the site and before commencing the work, check all levels, liners, profiles and the like and satisfy himself as to the dimensional accuracy of all work executed under the previous contract which may affect his work.				
	Should any inaccurate or defective work be found, the contractor shall immediately notify the principal agent in writing requesting his instructions with regard thereto and afford every facility to those rectifying such inaccurate or defective work.				
97	F:..... V:..... T:.....	Item	1		
/Page 17					Carried to Collection

Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
98	<p>VIEWING THE SITE IN SECURITY AREAS</p> <p>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	1		
99	<p>COMMENCEMENT OF WORKS IN SECURITY AREAS</p> <p>If the works falls within a security area, the contractor must arrange with the Authorities and give the necessary notices before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account.</p> <p>F:..... V:..... T:.....</p>	Item	1		
100	<p>ENTRANCE PERMITS TO SECURITY AREAS</p> <p>If the works fall within a security area, the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under control of the Authority.</p> <p>F:..... V:..... T:.....</p>	Item	1		
101	<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	1		
102	<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	1		
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Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>Management of Water</u></p> <p>Water for Construction purposes must be obtained from alternative water sources (i.e. supply other than water that is produced and distributed by a regulated water service authority from a licenced water treatment works for human consumption), eg dams, rivers, boreholes, springs, rainwater harvesting, recycled sewerage water, etc. The alternative water source shall not be of an inferior quality / standard than that required for construction purposes. The client reserves the right through his agents to test such supplies or request certificates confirming the grade and nature of the water supply. Relevant knowledge of the respective area will be an advantage.</p>				
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Preliminaries					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION				
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CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

PART C2.3 BILL OF QUANTITIES

Earthworks					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 2</u></p> <p><u>EARTHWORKS (PROVISIONAL)</u></p> <p><u>Nature of ground</u></p> <p>The nature of the ground is unknown and the contractor is to make his own assessment and due allowance for same</p> <p><u>Subterranean water</u></p> <p>The nature of the ground is unknown and the contractor is to make his own assessment and due allowance for same</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, and spoiled at a site located by the contractor with and including spoiling costs at the dump site, unless otherwise stated</p> <p><u>Working Space</u></p> <p>Working space for any work requiring formwork, brick linings, etc, has been determined by the following conditions and shall be measured where: The depth of the excavation does not exceed 1000mm and the distance from the finished face of the structure to the excavated face is less than 250mm for formwork or 600mm for brick linings and The depth of the excavation exceeds 1000mm and the distance from the finished face of the structure to the excavated face is less than 600mm</p> <p><u>Filling and layer work materials</u></p> <p>References such as "G1", "G2", etc and "C1", "C2", etc in descriptions of filling and layer work materials refer to corresponding references in the document "Guidelines for Road Construction Materials. TRH 14 : 1985" compiled by the Committee of State Road Authorities and the properties set out therein for each kind shall be applicable to the respective materials described hereinafter</p> <p><u>Testing of material and filling</u></p> <p>Descriptions of earth filling, compaction, etc. shall be deemed to include for all necessary testing required in accordance with the SANS 1200 series</p> <p><u>Formwork</u></p> <p>Formwork to sides of footings, 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</p>				
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Earthworks					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>SITE CLEARANCE</u>				
	<u>Site clearance</u>				
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m2	13,543		
2	Stripping average 150mm thick layer of top soil and stockpiling on site	m2	6,667		
	<u>EXCAVATIONS, ETC</u>				
	<u>Open face excavation in earth over sloping site</u>				
3	Cut to fill	m3	7,800		
	<u>Excavation in earth not exceeding 2m deep</u>				
4	Trenches	m3	1,931		
5	Holes	m3	20		
	<u>Excavation in earth not exceeding 2m deep below reduced level and compacted to 95% Mod AASHTO Density (300mm below ground level)</u>				
6	To reduce levels to final levels under floors etc.	m3	425		
	<u>Extra over trench and hole excavations in earth for all excavations</u>				
7	Soft rock	m3	1,010		
8	Hard rock	m3	505		
	<u>Risk of collapse of excavations</u>				
9	Sides of trench and hole excavations exceeding 1,5m deep	m2	4,649		
	<u>Keeping excavations free of water</u>				
10	Keeping excavations free of all water other than subterranean water	Item	1		
	<u>Extra over all excavations for carting away</u>				
11	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	1,133		
	<u>FILLING ETC</u>				
	<u>Earth filling obtained from the excavations and/or prescribed stock piles stabilized with 2% lime to obtain a C4 material compacted to 95% Mod AASHTO density</u>				
12	Backfilling to trenches, holes, etc	m3	1,944		
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 98% Mod AASHTO density</u>				
13	Over site to make up levels	m3	7,099		
14	Over site to make up levels (top soil)	m3	1,000		
/Page 2				Carried to Collection	

Earthworks					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>Earth filling supplied by the contractor under floors, etc.</u>				
15	Over site of G7 material in accordance with SABS 1200 DM compacted to 98% Mod AASHTO density	m3	213		
16	Over site of G5 material in accordance with SABS 1200 DM compacted to 98% Mod AASHTO density	m3	425		
	<u>Compaction of surfaces</u>				
17	Compaction of ground surface under floors etc. by wetting and compacting with a vibratory roller	m2	7,099		
	TESTS				
	<u>Prescribed density tests on filling</u>				
18	"Modified AASHTO Density" test	No	80		
	SOIL POISONING				
	<u>Soil insecticide in accordance with SANS 5859</u>				
19	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	2,832		
20	To bottoms and sides of trenches etc	m2	3,195		
/Page 3					Carried to Collection

Earthworks					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION				
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Concrete, Formwork					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 3</u></p> <p><u>CONCRETE FORMWORK REINFORCEMENT</u></p> <p><u>Cost of tests</u></p> <p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests for approval. The testing shall be undertaken by an approved independent firm or institution nominated by the contractor (test cubes are measured separately)</p> <p><u>No-Fines concrete</u></p> <p>No-Fines concrete shall consist of 6 part aggregate to one part cement (1:6)</p> <p><u>Striking off and curing</u></p> <p>Concrete prices are to include for striking off and curing.</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</p> <p>The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself</p> <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>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"</p> <p><u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></p> <p><u>15MPa/19mm concrete</u></p>				
1	Surface blinding under surface beds	m3	142		
2	Surface blinding under footings and bases	m3	44		
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Concrete, Formwork					
Ref	Description	Unit	Quantity	Rate	Amount
<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>					
<u>30MPa/19mm concrete</u>					
3	Strip footings	m3	137		
4	Bases	m3	15		
<u>REINFORCED CONCRETE</u>					
<u>25MPa/19mm concrete</u>					
5	Surface beds on waterproofing	m3	417		
6	Slabs including beams and inverted beams	m3	22		
<u>30MPa/19mm concrete</u>					
7	Columns in Foundations (provisional)	m3	9		
8	Columns	m3	39		
<u>TEST CUBES</u>					
9	Making and testing 150 x 150 x 150mm concrete strength test cube	No	100		
<u>CONCRETE SUNDRIES</u>					
<u>Finishing top surfaces of concrete smooth with a wood float</u>					
10	Surface beds, slabs, etc.	m2	584		
<u>Finishing top surfaces of concrete smooth with a power float</u>					
11	Surface beds, slabs, etc.	m2	2,248		
<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>					
<u>Rough formwork to sides</u>					
12	Rectangular stub columns in foundations	m2	81		
<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u>					
<u>Smooth formwork to sides</u>					
13	Rectangular columns with total height not exceeding 3,5m above bearing level	m2	268		
14	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	1,301		
<u>Smooth formwork to soffits</u>					
15	Slabs propped up exceeding 1,5m and not exceeding 3,5m high	m2	88		
<u>Boxing in smooth formwork to form</u>					
16	30 x 30mm Vertical chamfers at corners	m	1,165		
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Concrete, Formwork					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>MOVEMENT JOINTS ETC.</u>				
	<u>Expansion joints with "Jointex" between vertical concrete and brick surfaces</u>				
17	10mm Joints not exceeding 300mm high	m	56		
	<u>Expansion joints with "Jointex" between horizontal concrete and brick surfaces</u>				
18	10mm Joints not exceeding 300mm high	m	84		
	<u>Saw cut joints</u>				
19	6 x 25mm Saw cut joints in top of concrete	m	1,953		
	<u>REINFORCEMENT (PROVISIONAL)</u>				
	<u>Mild and high tensile steel reinforcement to structural concrete work</u>				
20	Allow for all sizes of rebar	t	85		
	<u>Fabric reinforcement</u>				
21	Type 245 fabric reinforcement in concrete surface beds	m2	2,832		
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Concrete, Formwork					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION				
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Masonry					
Ref	Description	Unit	Quantity	Rate	Amount
	<p>BILL NO. 4</p> <p>MASONRY</p> <p>SUPPLEMENTARY PREAMBLES</p> <p>BRICKWORK</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>Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixal" bitumen emulsion waterproofing coating</p> <p><u>Bagged and sealed walls</u></p> <p>Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats bitumen emulsion waterproofing coating</p> <p><u>Face bricks</u></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p> <p><u>Pointing</u></p> <p>Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc</p> <p>SAMPLES</p> <p>Samples of all masonry building units, except those for walls described as "load bearing", shall consist of a minimum of 6 units. Samples of building units to be used in walls described as "load bearing" shall consist of 30 units from every 30 000 units delivered to site</p> <p>FOUNDATIONS</p> <p><u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar</u></p>				
1	<p>One brick walls</p> <p>SUPERSTRUCTURE</p> <p><u>Brickwork of NFP bricks in class II mortar</u></p>	m2	746		
2	Half brick walls	m2	1,635		
3	One brick walls	m2	5,490		
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Masonry					
Ref	Description	Unit	Quantity	Rate	Amount
	BRICKWORK SUNDRIES				
	<u>Bagging of 1:3 cement and sand mixture</u>				
4	On brick walls	m2	3,883		
	<u>Brickwork reinforcement</u>				
5	75mm Wide reinforcement built horizontally	m	21,641		
6	150mm Wide reinforcement built in horizontally	m	15,075		
	FACE BRICKWORK				
	<u>"Corobrik" Roan Satin face brick laid in running bond with square vertical and horizontal joints.</u>				
7	Extra over brickwork for face brickwork	m2	3,883		
	<u>Brick-on-edge header course copings, sills, etc of face bricks pointed with recessed joints on all exposed faces</u>				
8	150mm Wide sill set sloping and slightly projecting	m	1,731		
	<u>Prestressed fabricated lintels</u>				
9	110 x 75mm Lintels in lengths not exceeding 3m	m	1,238		
10	110 x 75mm Lintels in lengths exceeding 3m and not exceeding 4,5m	m	13		
	MOVEMENT JOINTS ETC.				
	<u>Expansion joints with "Jointex" in vertical brick surfaces</u>				
11	10mm Joints exceeding 300mm high	m	555		
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Masonry					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION				
	/Page 1:				
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Waterproofing					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 5</u></p> <p>WATERPROOFING</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Installation by Approved Waterproofing Contractor</u></p> <p>Waterproofing to roofs, basements, parking decks, etc. Must be installed by Manufacturer approved contractors</p> <p><u>Preparation of Substrates & Surfaces</u></p> <p>Substrates and surfaces must be smooth, clean, free of contaminants and dry</p> <p>Substrates and surfaces must be prepared in accordance with manufacturer's instructions</p> <p>The contractor is to allow for the cost of substrate preparation in the rates for Waterproofing items</p> <p><u>Waterproofing</u></p> <p>Waterproofing of roofs, basements, etc. shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs</p> <p>The method of application to be discussed with and approved by the Project Manager before implementation</p> <p><u>DAMP PROOFING OF WALLS AND FLOORS</u></p> <p><u>One layer of 375 micron "Consol Plastics Brikgrip DPC" or equivalent approved embossed polyethylene damp proof course</u></p>				
1	<p>In walls</p> <p><u>One layer of 375 micron "USB Green" waterproof sheeting sealed at laps</u></p>	m2	1,029		
2	<p>Under surface beds</p> <p><u>Supply and apply TAL SUPERFLEX acrylic-based liquid waterproofing system applied in strict accordance with Manufacturers instruction including reinforcement with TAL SUPERFLEX MEMBRANE to ensure manufacturers warranty are provided on completion of contract</u></p>	m2	2,832		
3	Shower walls 1800mm high	m2	88		
4	Shower Floors	m2	2		
5	In splashbacks	m2	71		
6	<p><u>Two coats "Brixéal" bitumen emulsion waterproof coating</u></p> <p>On bagged brick walls</p>	m2	3,883		
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Waterproofing					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>WATERPROOFING BASEMENTS, ROOFS, BALCONIES, ETC.</u>				
	<u>0.6mm Galvanised sheet steel flashings</u>				
7	Cover flashings 150mm girth, including sealing top edge with mastic in and including groove in brickwork	m	80		
	<u>SEALING STRIPS, JOINT SEALANTS, ETC.</u>				
	<u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>				
8	6 x 25mm In saw-cut joints in floors	m	1,953		
9	10 x 10mm In expansion joints in floors including raking out expansion joint filler as necessary	m	84		
10	10 x 10mm In vertical expansion joints including raking out expansion joint filler as necessary	m	56		
	<u>Silicone sealing compound including backing cord, bond breaker, primer, etc</u>				
11	Sealing around aluminium windows	m	752		
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Waterproofing					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION				
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Roof Coverings						
Ref	Description	Unit	Quantity	Rate	Amount	
	<p><u>BILL NO. 6</u></p> <p>ROOF COVERINGS</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>The supplementary preambles reflected elsewhere in these Bills of Quantities apply equally to this trade</p> <p><u>Metal roof sheeting</u></p> <p>Contractor to provide a 20 year guarantee for both the material and the paintwork of the sheeting</p> <p>Please note that the sheeting supplier / installer through the contractor should timeously (before installation) inform the Principal Agent of any aspect of the installation or the environment in which the sheeting is used or the application that could have a negative affect the warrantees (e.g. bending the sheets, the fixings, etc.)</p> <p><u>Straight cutting</u></p> <p>Descriptions of all roof coverings are deemed to include for all straight cutting</p> <p><u>PROFILED METAL SHEETING AND ACCESSORIES</u></p> <p><u>0.80mm "Safintra Saflok" aluminium sheeting to carry a minimum 20 year guarantee for both the material and paintwork fixed to timber purlins complete with flashings etc.</u></p>					
1	<p>Roof covering with pitch not exceeding 25 degrees</p> <p><u>ROOF AND WALL LINING AND INSULATION</u></p> <p><u>Sisalation 420 heavy industrial grade aluminium foil based insulation laid taut over timber rafters (at approximately 760mm centres) and fixed concurrent with battens, etc. including straining wires at 367mm centres laid over new purlins</u></p>	m2	3,973			
2	<p>Insulation laid taut over purlins (at approximately 760mm centres) and fixed concurrent with roof covering including galvanised steel straining wires</p> <p><u>30mm Thick "Lambdaboard" or equivalent approved flexible faced polyisocyanurate (PIR) insulation board manufactured on a continuous laminating line, with matt mineral coated fibreglass tissue</u></p>	m2	3,513			
3	<p>Insulation boarding H-section aluminium bearers at longitudinal joints, laid over purlins (at approximately 600mm centres) and fixed concurrent with roof covering, including holes through boards etc</p> <p><u>FIBRE-CEMENT ACCESSORIES</u></p> <p><u>"Nutec" or equivalent approved fascia boards, medium density plain fibre cement fascia fixed with fittings and fixing accessories, fixed in accordance with the manufacturers instructions</u></p>	m2	3,513			
4	<p>12 x 225mm Fascias and barge boards</p>	m	1,087			
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Roof Coverings					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION /Page 1:				
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<u>Carpentry and Joinery</u>					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 7</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>General</u></p> <p>The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.</p> <p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere</p> <p><u>Joinery</u></p> <p>Descriptions of frames shall be deemed to include frames, transomes and rails</p> <p>Descriptions of hardwood joinery shall be deemed to include sinking and pelleting heads and nuts of bolts</p> <p><u>Fire doors</u></p> <p>Fire doors are to be in accordance with SANS 1253</p> <p><u>DOORS</u></p> <p><u>Timber solid hardwood batten door with commercial veneer suitable for painting on both sides hung to steel frames (frames elsewhere). Refer Architect's Door Schedule GA_DS002.</u></p>				
1	40mm x 813 x 2032mm High framed, ledged and braced rebated single door (Door Type WD01)	No	1		
	<p><u>Solid core timber door with single overlapping stainless steel trim, vertical edges dressed in stainless steel and commercial veneer suitable for painting on both sides hung to steel frames (frames elsewhere) Refer Architect's Door Schedule GA_DS002.</u></p>				
2	40mm door size 813 x 2032mm high (Door Type WD05, WD06, WD09, WD10, WD11)	No	78		
3	40mm door size 900 x 2032mm high (Door Type WD07 & WD08)	No	15		
4	40mm Uneven double door size 1350 x 2032mm high with viewing panel, size 300 x 400mm high (Door Type WD03 & WD04)	No	8		
5	40mm Uneven double door size 1400 x 2032mm high (Door Type WD02)	No	4		
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<u>Carpentry and Joinery</u>					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>FIRE DOORS, ETC</u>				
	<u>Fire certified & approved fire doors with double-commercial veneer</u>				
6	46mm Thick class B hold open fire door size 813 x 2032mm high, including 48mm rebated steel frame, masonite veneer with stainless steel edge trimming. Refer Architect's Door Schedule GA_DS002 (Door Type: FD02)	No	1		
7	46mm Thick class B hold open fire door size 1400 x 2032mm high, including 48mm rebated steel frame, masonite veneer and meeting stiles with overlapping stainless steel edge trimming. Refer Architect's Door Schedule GA_DS002 (Door Type: FD01)	No	4		
	<u>CUPBOARD DOORS, ETC</u>				
	<u>Demountable supawood cupboard door clad with high pressure laminate including compact high pressure laminate section frame to suit door opening all installed in accordance with manufacturers specifications. Refer to Architect's Door Schedule GA_DS001</u>				
8	16mm Thick double door size 950 x 2032mm high (Type: FCD01)	No	7		
9	16mm Thick double door size 1250 x 2032mm high (Type: CD01)	No	4		
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<u>Carpentry and Joinery</u>					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION				
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Ceilings, Partitions					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 8</u></p> <p>CEILING, PARTITIONS AND ACCESS FLOORING</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Items described as nailed shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete</p> <p>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 given</p> <p>Boards must be stacked on a level surface in a dry place on a timber platform. Boards must be carried on edge.</p> <p>Skimmed ceilings must be plastered the same day that the 'Rhino-board' has been erected.</p> <p><u>Proprietary suspended ceilings</u></p> <p>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 inseting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)</p> <p><u>Ceilings</u></p> <p>Unless otherwise described ceilings shall be deemed to be horizontal</p> <p>Steel components</p> <p>All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121</p> <p><u>NAILED UP AND SCREW UP CEILINGS</u></p> <p><u>12.5mm "Rhino" or equivalent approved plasterboard ceiling BPB with 50mm cover strips of mesh scrim nailed over joints and the whole finished with 6mm minimum cretestone gypsum skim plaster trowelled to smooth polish surface</u></p>				
1	<p>Ceilings fixed to and including 50 x 50mm sawn softwood bandering at 400mm centres fixed to timber trusses</p>	m2	513		
	<p><u>TRAP DOORS, ETC.</u></p>				
2	<p>Extra over ceiling for 600 x 600mm trap door</p>	No	8		
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Ceilings, Partitions					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>SUSPENDED CEILINGS</u>				
	<u>Acoustic suspended ceiling tiles size 600 x 1200mm x 15mm thick with revealed edge and painted finish laid on tee suspension system including galvanised main tees, cross tees, hold-down clips, wedges, reinforcement splines, etc. all suspended with galvanised hangers at not exceeding 1200mm centres strictly in accordance with the manufacturer's instructions</u>				
3	Ceilings suspended not exceeding 1m below timber purlins at 400mm centres	m2	1,601		
	<u>CORNICES, ETC</u>				
	<u>"Rhino" or similar approved gypsum plasterboard cornices</u>				
4	90mm Coved cornices	m	607		
	<u>Shadowline edging fixed to ceiling</u>				
5	Shadowline trim to edges of suspended ceiling	m	1,610		
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Ceilings, Partitions					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION				
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Floor Coverings					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 9</u></p> <p>FLOOR COVERINGS, WALL LININGS, ETC</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>All vinyl is deemed to be laid on a concrete surface, unless otherwise stated. Sub floor to be prepared using a recommended self leveling compound (measured elsewhere) and should be sound, smooth and level in accordance with SANS 0155-1980 "accuracy in building", being a class one floor. Sub floor/wall moisture should be less than 75% RH, tested with probe at 40% depth of concrete on surface bed. Vinyl Sheeting to be installed in strict accordance with Manufacturers instruction with approved adhesive. Walls to be suitably prepared using a cementitious skimming compound such as TAL Skim coat. All sheets to be correctly overlapped, scribed and then grooved prior to welding. Always remove the factory edge. All welds must be double cut, first cut must be carried out using a skid plate immediately, second cut after at least 30 minutes using a Mozart trimming knife and finished by glazing with a 5mm reducer nozzle attachment. The installation must be rolled with a 68kg 3-part roller, within the correct open time of the adhesive.</p> <p><u>Fixing</u></p> <p>Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc</p> <p>The screeded surface must be structurally sound, clean and dry and free from all surface laitance and contamination. New concrete or screeds must be at least 28 days old. Prime using a recommended product by vinyl flooring specialist or equivalent.</p> <p><u>VINYL FLOOR COVERINGS</u></p> <p><u>Homogeneous Fully flexible Vinyl sheeting 2.5mm thick on well prepared granolithic floor finish</u></p>				
1	<p>On floors</p> <p><u>SKIRTINGS, NOSINGS, ETC.</u></p> <p><u>Continuous "FLORWORX" with 'polyflor-ejects' fixed with 'polyflor-SS1-A ' or similar approved acrylic adhesive</u></p>	m2	1,432		
2	<p>150mm High vinyl skirtings</p> <p><u>METAL DIVIDING STRIPS, ETC</u></p>	m	1,385		
3	<p>"Kirk" marketing or similar approved aluminium dividing strips between different floor finishes</p> <p><u>BUMP RAILS, ETC</u></p>	m	50		
4	<p>2,5mm Thick x 300mm high vinyl sheeting bumper rails glued to 25 x 300mm Superwood insert secured to walls using screws. Superwood to be bullnosed on both edges and properly secured on walls. Vinyl sheeting to be appropriately welded at meeting junctions and at wall junctions and to be sealed right round including underneath. Refer to Architect's details.</p>	m	569		
/Page 1				Carried to Collection	

Floor Coverings					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION /Page 1:				
/Page 2					Carried to Summary:

<u>Metalwork</u>					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 11</u></p> <p><u>METALWORK</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p><u>Aluminium doors, windows, etc.</u></p> <p>Doors and windows shall comply with AAAMSA design criteria</p> <p>Glazing shall comply with SAGGA regulations. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules/drawings</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed</p> <p>The following certificates shall be provided prior to commencement of site work:</p> <p>1) A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product</p> <p>2) A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively</p> <p>3) A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process</p> <p>4) A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked</p> <p>5) A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years</p>				
/Page 1					Carried to Collection



Metalwork					
Ref	Description	Unit	Quantity	Rate	Amount
<u>GALVANIZED MILD STEEL WELDED FENCES & GATES, ETC</u>					
<u>Supply and install Clearvu mesh fence reinforced with 4 x 50mm deep "V" formation horizontal recessed bands, 2 x 75mm 70" flanges along sides (internal fixtures - anti vandal) and 1 x 90" flanges along top and 1 x 30" toe with 2 400mm high taper locking posts 85 x 45mm (including locking recess mechanism) and posts sealed with UV stabilized polymer cap, complete with hot dipped galvanized, marine fusion bond coated (acid modified) finish, all in accordance with the suppliers specification (see Drawing....)</u>					
1	Fencing 2100mm high	m	583		
2	Fencing inserts, approximate size 2170 x 2800mm high above concrete surface bed	No	6		
3	Fencing inserts, approximate size 3250 x 2800mm high above concrete surface bed	No	1		
4	ClearVu or equivalent approved manually operated pedestrian double gate 1500 x 2800mm in equal leaves with hinges and 3mm diameter galvanized wire with aperture size 76.3mm x 25mm complete with hot dipped galvanized finish then marine fusion bond coated (acid modified), inclusive of gate posts with stay and 75mm padlock	No	1		
5	ClearVu or equivalent approved manual double swing gate 5000 x 2100mm high overall in equal leaves with hinges and 3mm diameter galvanized wire with aperture size 76.3mm x 25mm complete with hot dipped galvanized finish then marine fusion bond coated (acid modified), inclusive of gate posts with stay, 500 x 500mm concrete bases, etc.	No	5		
6	ClearVu or equivalent approved automatically operated operated sliding gate 7100 x 2100mm high overall, inclusive of gate posts with stay set in and including rails, 500 x 500mm concrete bases, etc.	No	2		
<u>STEEL GATES, SCREENS, ETC.</u>					
<u>Welded screens and gates</u>					
7	Single gate, approximate size 900 x 2130mm high overall, of 50 x 50 x 5mm hot dipped galvanised mild steel square tubing. Refer to Architects Door Schedule GA_DS001 (Type G01)	No	4		
8	Uneven double gate, approximate size 1500 x 2100mm high overall, of 50 x 50 x 5mm hot dipped galvanised mild steel square tubing. Refer to Architects Door Schedule GA_DS001 (Type G02)	No	4		
9	Double gate comprising two equal leaves, overall size 1950 x 2100mm high overall, of 50 x 50 x 5mm hot dipped galvanised mild steel square tubing. Refer to Architects Door Schedule GA_DS001 (Type G03)	No	10		
<u>STEEL DOOR FRAMES</u>					
<u>1,6mm rebated stainless steel frame made of Grade 304 steel. Refer Architect's Door Schedule GA_DS002</u>					
10	Frame for door size 813 x 2032mm high (Type: WD05, WD06, WD09, WD10 & WD11)	No	78		
/Page 2				Carried to Collection	

Metalwork					
Ref	Description	Unit	Quantity	Rate	Amount
11	Frame for door size 900 x 2032mm high (Type: WD07 & WD08)	No	15		
12	Frame for door size 1350 x 2032mm high (Type: WD03 & WD04)	No	8		
13	Frame for door size 1400 x 2032mm high (Type: WD02)	No	4		
<u>GALVANISED STEEL WINDOWS, DOORS, ETC.</u>					
<u>Standard galvanised mild steel industrial windows with burglar bars to opening sashes. Refer to Architect's Window Schedule GA WS001</u>					
14	Window size 533 x 654mm high (Type: SW07)	No	24		
15	Window size 1022 x 654mm high (Type: SW06)	No	14		
16	Window size 1022 x 1245mm high (Type: SW03)	No	50		
17	Window size 1511 x 654mm high (Type: SW05)	No	10		
18	Window size 1511 x 949mm high (Type: SW08)	No	1		
19	Window size 1511 x 1245mm high (Type: SW02)	No	7		
20	Window size 1511 x 1540mm high (Type: SW04)	No	10		
21	Window size 2000 x 1245mm high (Type: SW01)	No	47		
<u>ALUMINIUM WINDOWS AND DOORS</u>					
<u>ALUMINIUM WINDOWS</u>					
<u>Crealco Swift 38 extruded aluminium sections to sizes as shown to comply with 'aaamsa' specifications complete with subframes, ironmongery, 6.38mm clear laminated safety glass, sealing, etc. and fixing to brickwork or concrete. All window shopfronts sections to be designed and supplied by manufacturer to sustain windloads as per sans 727 or SANS 1553-2 to meet requirements of sans 10400 Part N and will remain the responsibility of manufacturer to provide the client with the documents as requested. All structural sections, compensation channels & accessories per manufacturer's design. Colour: Powdercoated - Colour TBC. Refer to Architect's Window Schedule GA WS001</u>					
22	Frame for window size 400 x 1000mm high (Type: AW01)	No	2		
23	Frame for window size 900 x 1500mm high (Type: AW03)	No	2		
<u>Crealco Swift 38 extruded aluminium sections to sizes as shown to comply with 'aaamsa' specifications complete with subframes, ironmongery, 6.38mm one way view clear safety glass, sealing, etc. and fixing to brickwork or concrete. All window shopfronts sections to be designed and supplied by manufacturer to sustain windloads as per sans 727 or SANS 1553-2 to meet requirements of sans 10400 Part N and will remain the responsibility of manufacturer to provide the client with the documents as requested. All structural sections, compensation channels & accessories per manufacturer's design. Colour: Powdercoated - Colour TBC. Refer to Architect's Window Schedule GA WS001</u>					
24	Frame for window size 1200 x 900mm high (Type: AW02) including protective steel mesh	No	1		
/Page 3				Carried to Collection	

Metalwork					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>ALUMINIUM DOORS</u>				
	<u>Powder coated aluminium doors plugged to brickwork, or concrete, glazed with, and including 6.38mm clear laminated safety glass with aluminium beads, gaskets, neoprene setting blocks and sealed with silicone sealant and ironmongery (Colour: TBC). Refer to Architect's Door Schedule GA_DS001 & GA_DS003</u>				
25	Single door size 900 x 2050mm high overall (Type: SFD05)	No	8		
26	Double door size 1400 x 2050mm high overall (Type: SFD03)	No	8		
27	Double door size 1600 x 2050mm high overall (Type: SFD01)	No	3		
28	Double door size 1600 x 2050mm high overall (Type: SFD02)	No	3		
29	Double door size 1600 x 2050mm high overall (Type: SFD04)	No	1		
30	Double door size 1600 x 2050mm high overall (Type: SFD06)	No	8		
31	Purpose made double door size 1200 x 1050mm high overall (Type: SGD01)	No	1		
	<u>ALUMINIUM LOUVRE UNITS</u>				
	<u>Powdercoated horizontal louvre units</u>				
32	Frame for louvre size 825 x 854mm High with fixed 'Z' louveres to manufacturers specifications (Type: AL01)	No	62		
	<u>GALVANISED MILD STEEL LOUVRE UNITS</u>				
	<u>Horizontal louvre doors</u>				
33	Galvanised mild steel single weather louvred service door, size 1050 x 2100mm high including vermon mesh on inner side, ironmongery, primed and painted all in accordance with manufacturers specifications (Colour: TBC). Refer to Architect's Door Schedule GA_DS002 (Type: SD01)	No	2		
	<u>STEEL RECORDROOM AND STRONGROOM DOORS, VENTILATORS, ETC.</u>				
	<u>"Chubb" or equivalent approved strongroom doors etc. suitable for 230mm walls fixed to brickwork</u>				
34	Strongroom door and frame 900 x 2134mm high overall. Refer to Architect's Door Schedule GA_DS003 (Type: SPD01)	No	2		
	<u>STEEL ROLLER SHUTTERS, ETC.</u>				
	<u>Galvanised steel roller shutters with 50 x 50 x 2.5mm GMA frame and 16mm diameter steel bars @ 80mm centres to fit 600mm wide x 900 mm high opening. Refer to Architects door schedule GA_DS001</u>				
35	Chain operated slatted roller shutter approximate size 600 x 900mm high (Type RSD1)	No	1		
/Page 4					Carried to Collection

Metalwork					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>SUNDRY STAINLESS STEELWORK</u>				
	<u>Grade 304 stainless steel corner protectors</u>				
36	70 x 70mm x 3mm Angle section corner protectors to vertical corners, plugged on both sides	No	79		
/Page 5					Carried to Collection

Metalwork					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION				
	/Page 1:				
	/Page 2:				
	/Page 3:				
	/Page 4:				
	/Page 5:				
/Page 6					Carried to Summary:

Plastering					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 12</u></p> <p><u>PLASTERING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Mix</u></p> <p>Granolithic screed finish to floors, treads of steps, thresholds and equivalent surfaces shall, unless otherwise specified, not be less than 30mm thick. The granolithic screed shall be composed of three parts granite, or equivalent hard stone chips, or approved hard, coarse sharp washed granitic or quartzite sand, half part clean sand and one part of cement, hand or mechanically trowelled to a true and smooth surface. No dry cement powder, grout or wet slurry mix shall be applied to the surface.</p> <p>New granolithic screed shall be laid before the concrete surface bed or floor matures in order to allow for proper binding. If this is not possible, then the top of the surface bed or floor shall be hammered, chipped and then cleaned with a wire brush and a coat of neat cement grout applied immediately before granolithic is laid.</p> <p><u>Panels</u></p> <p>Granolithic shall be laid in panels not exceeding 6m² in area and jointed to lines of panels with V-joints. The joints between the panels shall coincide with joints in the concrete surface bed or floor.</p> <p>The joints between the panels shall coincide with joints in the concrete surface bed or floor.</p> <p>Granolithic finish to stair risers, sides of curbs and other vertical surfaces shall, unless otherwise specified, not be less than 12mm thick.</p> <p><u>Curing, seasoning and protection</u></p> <p>Protection shall be provided against too rapid drying whilst hardening by means of covering with wet sacks or other material. The screed shall also be protected from damage and discolouration during the progress of the remaining work.</p> <p><u>General</u></p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be held solely liable for the protection of all windows and doors where projection plaster is rendered on the external facade.</p> <p><u>GRANOLITHIC</u></p> <p><u>Untinted granolithic on concrete</u></p>				
1	30mm Thick on floors and landings	m2	127		
/Page 1					Carried to Collection

Plastering					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>SCREEDS</u>				
	<u>Screeds wood floated, on concrete</u>				
2	30mm Thick on floors and landings	m2	2,439		
3	Average 75mm thick on floors on waterproofing membrane to falls and currents	m2	2		
	<u>INTERNAL PLASTER</u>				
	<u>12mm Thick cement plaster on brickwork</u>				
4	On walls	m2	5,764		
5	On narrow widths	m2	260		
	<u>Cement plaster rendering coat with gypsum skim plaster finishing coat, on concrete</u>				
6	On soffits of slabs	m2	88		
	<u>One coat rhinolite finish</u>				
7	On ceilings	m2	513		
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Plastering						
Ref	Description	Unit	Quantity	Rate	Amount	
	COLLECTION					
	/Page 1:					
	/Page 2:					
/Page 3						Carried to Summary:

Tiling					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 13</u></p> <p><u>TILING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Patterns</u></p> <p>Unless otherwise described, tiles shall be laid with continuous joints in both directions</p> <p><u>Fixing</u></p> <p>Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding</p> <p>Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat</p> <p>Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts as recommended by the manufacturer of the tiles</p> <p><u>FLOOR TILING</u></p> <p><u>300 x 300 x 8.5mm Full bodied porcelain tiles in compliance with UPEC spec with joints of 3mm. Colour to be uniform light colour.</u></p>				
1	<p>On floors and landings</p> <p><u>SKIRTINGS</u></p> <p><u>300 x 300 x 8.5mm tile skirting</u></p> <p>300mm High porcelain tile skirting</p> <p><u>SUNDRIES</u></p> <p><u>Aluminium trim as per "kirk marketing" or equivalent</u></p> <p>Aluminium Quadrant Edge Trim (Code: AQE100)</p>	m2	561		
2		m	454		
3		m	454		
/Page 1					Carried to Collection
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Tiling					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION /Page 1:				
/Page 2					Carried to Summary:

Glazing					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 15</u></p> <p><u>GLAZING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>General</u></p> <p>The quantities are provisional and will be re-measured upon completion of the works. The Contractor shall not use these quantities for ordering of materials. The Contractor must immediately notify the Quantity Surveyor if discrepancies are found between the quantities and/or descriptions in these Bills of Quantities and the Contractor's quantities measured from construction drawings and specifications.</p> <p>All window glazing is measured with the aluminium windows in the Metalwork bill</p> <p>All door viewing panel glazing is measured with the emergency escape door in the Carpentry and Joinery bill</p> <p><u>Float glass</u></p> <p>The term "float glass" is used for monolithic annealed glass</p> <p><u>MIRRORS</u></p> <p><u>6mm Silvered float glass copper backed mirrors, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u></p>				
1	<p>300 x 400mm high with 4 screws SANS 1263-1 safety and security glazing materials for buildings - part 1: safety performance of glazing materials under human impact. SANS 10400-N, the application of the national building regulation-part N: Glazing</p>	No	51		
/Page 1					Carried to Collection

Glazing					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION /Page 1:				
/Page 2					Carried to Summary:

Paintwork					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 16</u></p> <p><u>PAINTWORK</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>PAINT SPECIFICATIONS</u></p> <p>All painting shall be done in accordance with "Plascon Professional Range" specifications and is to carry the "Plascon Professional Range" guarantee that is similar to that of the "Flagship" range guarantee. The contractor is to ensure that the project is registered with "Plascon" on their prescribed forms and that "Plascon" does the periodic follow-ups and final report in order to provide the guarantee.</p> <p><u>COLOURS</u></p> <p>Paintwork has not been individually classified into the NCS' different colour groups ("White", "Pastel", "Deep" and "Transparent") and unless otherwise described all paintwork shall be deemed to be in the categories "White" or "Pastel"</p> <p><u>PAINTWORK TO NEW WORK</u></p> <p><u>ON INTERNAL FLOATED PLASTER SURFACES</u></p> <p><u>Prepare surfaces and remove all loose material, apply one coat primer, one coat undercoat and two coats interior quality PVA emulsion paint all as per manufacturer's specifications</u></p>				
1	<p>On internal walls</p> <p><u>ON PLASTERBOARD SURFACES</u></p> <p><u>Prepare, stop and apply 1coat Plascon plaster primer (uc 56) and 2ct plascon velvagio satin sheen white (vl01) sand lightly. When dry. All excess compound to be feathered out and cleaned off, all to manufacturer's specification</u></p>	m2	5,764		
2	<p>Ceilings and cornices</p> <p><u>ON INTERNAL SMOOTH CONCRETE SURFACES</u></p> <p><u>Prepare surface as per manufacturer's specification and apply 1 undercoat & 2 coats Plascon Velvagio. Colour RAL 9018, Papyrus White</u></p>	m2	513		
3	<p>Ceilings and cornices</p> <p><u>ON WOOD SURFACES</u></p> <p><u>Prepare surface as per manufacturer's specification and apply 1 coat primer and 2 coats premium quality polyurethane enamel paint</u></p>	m2	88		
4	<p>Doors</p>	m2	458		
/Page 1					Carried to Collection

Paintwork					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>ON METAL</u>				
	<u>Wash down thoroughly with degreaser and rinse with water removing all traces of degreaser. Allow to dry and prime with one coat primer and two coats polyurethane enamel paint on steel (Colour: TBC)</u>				
5	On windows	m2	484		
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Paintwork					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION /Page 1: /Page 2:				
/Page 3					Carried to Summary:

External Works					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>BILL NO. 17</u>				
	<u>EXTERNAL WORKS (PROVISIONAL)</u>				
	<u>ROADWORK</u>				
	<u>Filling, etc.</u>				
1	Rip and recompact 150mm road-bed to 93% of MOD AASHTO density (100% for sand) [8.3.3(b)(1)]	m3	331		
2	Construct 150mm selected layer with G5 material from commercial sources, compacted to 93% MOD AASHTO density for roads [PS DM 8.3.5]	m3	331		
3	Construct 150mm selected layer with G7 material from commercial sources, compacted to 93% MOD AASHTO density for roads [PS DM 8.3.5]	m3	331		
	<u>Compaction of surfaces</u>				
4	Compaction of ground surface under parking areas etc. by wetting and compacting with vibratory roller	m2	2,208		
	<u>Prescribed density tests on filling</u>				
5	In-situ dry density (sand replacement) test in accordance with method A10 (a) of TMH 1	No	30		
	SURFACING				
6	Tack Coat 30% Stable Grade Emulsion	m2	2,208		
	<u>Bituminous premix road surfacing</u>				
7	30mm Asphalt premix including MC30 primer at 0.7 l/m2 to base course to parking areas, roadways, etc.	m2	2,208		
	<u>Precast concrete finished smooth on exposed surfaces including bedding, jointing and pointing</u>				
8	75 x 150mm High kerbs (Type E1)	m2	634		
9	Curved edging of radius exceeding 1m and not exceeding 4m	m	60		
	<u>Prepare surfaces, wash thoroughly, remove loose material, leave to dry and apply two coats SABS approved road marking paint</u>				
10	Lines 100mm wide	m	200		
11	Lines 200mm wide	m	50		
12	STOP' roadmarking 1 300mm high	No	3		
13	Paraplegic parking motif 2000 x 2000mm extreme	No	6		
14	2500 x 2000mm Wide (extreme) WM7.3 "traffic arrow" road marking paint	No	4		
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External Works					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION /Page 1:				
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Provisional Sums					
Ref	Description	Unit	Quantity	Rate	Amount
	<p><u>BILL NO. 18</u></p> <p><u>PROVISIONAL SUMS</u></p> <p>All prime cost items and provisional sums are "NET" i.e. no Builder's discount is allowed.</p> <p>All amounts stated for prime cost items are for goods delivered to the site. The Contractor shall allow opposite the relevant items for taking delivery, unloading, checking against invoices and/or delivery notes, getting in, unpacking, storing, hoisting and fixing of such goods.</p> <p>The Contractor shall check carefully the quantity and condition of all goods on taking delivery as any goods subsequently found to be missing or damaged shall be replaced at the Contractor's expense.</p> <p>Without in any way limiting the meaning and interpretation, general attendance on subcontractors shall include free of charge to the subcontractor the following services for the purpose of the relative subcontract works:</p> <ol style="list-style-type: none"> 1. access to the site and to the places where the work is to be carried out, including the use of any temporary personnel hoists erected by the Contractor for his own use; 2. the provision of water, lighting and electric power to a position within 50 metres of the place where the work is to be carried out; 3. the use of erected scaffolding belonging to the Contractor, in common with others having the like right whilst it so remains erected upon the site; 4. the use of site services, messrooms, toilets, health and welfare facilities and the like, where provided; <p>In the event of the Contractor allowing for profit and/or attendance, the amount(s) will be subject to adjustment pro-rata to the actual value of the subcontractor work calculated in direct ratio to any adjustment to the Provisional Sum.</p> <p>The cost of fuel for the commissioning of plant shall be borne by the selected subcontractor appointed for the relevant subcontractor works in terms of the conditions under which they have/are to contract for the specialist work involved.</p> <p><u>PROVISIONAL SUMS FOR NOMINATED/SELECTED SUBCONTRACT WORKS</u></p> <p><u>Electrical Installation</u></p>				
1	Provide the sum of R12,000,000.00 (Twelve Million Rand) for Electrical Installation	Item	1		
2	Profit	%			
3	Attendance	%			
/Page 1					Carried to Collection

Provisional Sums					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>Air-conditioning Installation</u>				
4	Provide the sum of R1,835,000.00 (One Million Eight Hundred and Thirty Five Thousand Rand) for mechanical ventilation	Item	1		
5	Profit	%			
6	Attendance	%			
	<u>Mechanical Ventilation</u>				
7	Provide the sum of R665,000.00 (Six Hundred and Sixty Five Thousand Rand) for natural ventilation	Item	1		
8	Profit	%			
9	Attendance	%			
	<u>Fire Installation</u>				
10	Provide the sum of R200,000.00 (Two Hundred Thousand Rand) for fire hose reels and piping	Item	1		
11	Profit	%			
12	Attendance	%			
	<u>Water Reticulation</u>				
13	Provide the sum of R1,500,000.00 (One Million Five Hundred Thousand Rand) for water reticulation	Item	1		
14	Profit	%			
15	Attendance	%			
	<u>Hot Water Installation</u>				
16	Provide the sum of R790,000.00 (Seven Hundred and Ninety Thousand Rand) for Hot Water Installation	Item	1		
17	Profit	%			
18	Attendance	%			
	<u>Water Tanks and Pump</u>				
19	Provide the sum of R485,000.00 (Four Hundred and Eighty Five Thousand Rand) for water tanks and pump	Item	1		
20	Profit	%			
21	Attendance	%			
	<u>Fire Water Pump Set</u>				
22	Provide the sum of R860,000.00 (Eight Hundred and Sixty Thousand Rand) for water tanks and pump	Item	1		
23	Profit	%			
24	Attendance	%			
/Page 2					Carried to Collection
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Provisional Sums					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>Stormwater and Sewer Reticulation</u>				
25	Provide the sum of R2,600,000.00 (Two Million Six Hundred Thousand Rand) for stormwater and sewer reticulation	Item	1		
26	Profit	%			
27	Attendance	%			
	<u>Plumbing and Drainage (Sanitary Fittings and Internal Water Reticulation)</u>				
28	Provide the sum of R1 800,000.00 (One Million Eight Hundred Thousand Rand) for sanitary fittings and internal water reticulation	Item	1		
29	Profit	%			
30	Attendance	%			
	<u>Retaining Wall</u>				
31	Provide the sum of R3,100,000.00 (Three Million One Hundred Thousand Rand) for the construction of a retaining wall	Item	1		
32	Profit	%			
33	Attendance	%			
	<u>Roof Construction</u>				
34	Provide the sum of R2,450,000.00 (Two Million Four Hundred Fifty Thousand Rand) for timber roof construction	Item	1		
35	Profit	%			
36	Attendance	%			
	<u>Evaporation Area</u>				
37	Provide the sum of R4,500,000.00 (Four Million and Five Hundred Thousand Rand) for the creating of an evaporation area	Item	1		
38	Profit	%			
39	Attendance	%			
	<u>Septic Tanks</u>				
40	Provide the sum of R500,000.00 (Five Hundred Thousand Rand) for the provision of septic tanks	Item	1		
41	Profit	%			
42	Attendance	%			
	<u>Borehole</u>				
43	Provide the sum of R300,000.00 (Three Hundred Thousand Rand) for the provision of borehole and associated installations	Item	1		
44	Profit	%			
45	Attendance	%			
/Page 3					Carried to Collection

Provisional Sums					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>Plinths</u>				
46	Provide the sum of R30,000.00 (Thirty Thousand Rand) for reinforced concrete plinths	Item	1		
47	Profit	%			
48	Attendance	%			
	<u>Furniture and Equipment</u>				
49	Provide the sum of R3,600,000.00 (Three Million Six Hundred Thousand Rand) for furniture and equipment	Item	1		
50	Profit	%			
51	Attendance	%			
	<u>Ironmongery</u>				
52	Provide the sum of R420,000.00 (Four Hundred and Twenty Thousand Rand) for the supply and installation of ironmongery	Item	1		
53	Profit	%			
54	Attendance	%			
	<u>Soft landscaping</u>				
55	Provide the sum of R1,500,000.00 (One Million Five Hundred Thousand Rand) for soft landscaping	Item	1		
56	Profit	%			
57	Attendance	%			
	<u>Paving</u>				
58	Provide the sum of R400,000.00 (Four Hundred Thousand Rand) for paving	Item	1		
59	Profit	%			
60	Attendance	%			
	<u>Signage</u>				
61	Provide the sum of R400,000.00 (Four Hundred Thousand Rand) for wayfinding, room signage, main clinic signage and fire signage	Item	1		
62	Profit	%			
63	Attendance	%			
	<u>Shaded Carport</u>				
64	Provide the sum of R130,000.00 (One Hundred and Thirty Thousand Rand) for shaded carports	Item	1		
65	Profit	%			
66	Attendance	%			
/Page 4					Carried to Collection

Provisional Sums					
Ref	Description	Unit	Quantity	Rate	Amount
	<u>Community Liaison Officer</u>				
67	Provide the sum of R100,000.00 (One Hundred Thousand Rand) for a community liaison officer	Item	1		
68	Profit	%			
69	Attendance	%			
	<u>Training</u>				
70	Provide the sum of R300,000.00 (Three Hundred Thousand Rand) for training	Item	1		
71	Profit	%			
72	Attendance	%			
	<u>Pump House</u>				
73	Provide the sum of R270,000.00 (Two Hundred and Seventy Thousand Rand) for the construction of a pump house	Item	1		
74	Profit	%			
75	Attendance	%			
	<u>Electrical Connection Fees (As per Electrical Engineer Assumption)</u>				
76	Provide the sum of R500,000.00 (Five Hundred Thousand Rand) for electrical connection fees	Item	1		
77	Profit	%			
78	Attendance	%			
	<u>Balustrades and handrails</u>				
79	Provide the sum of R225,000.00 (Two Hundred and Twenty Five Thousand Rand) for steel handrails and balustrades	Item	1		
80	Profit	%			
81	Attendance	%			
/Page 5					Carried to Collection

Provisional Sums					
Ref	Description	Unit	Quantity	Rate	Amount
	COLLECTION				
	/Page 1:				
	/Page 2:				
	/Page 3:				
	/Page 4:				
	/Page 5:				
	/Page 6			Carried to Summary:	

COLLECTION SUMMARY		PAGE NO
Preliminaries		20
Earthworks		24
Concrete, Formwork		28
Masonry		31
Waterproofing		34
Roof Coverings		36
Carpentry and Joinery		39
Ceilings, Partitions		42
Floor Coverings		44
Metalwork		50
Plastering		53
Tiling		55
Glazing		57
Paintwork		60
External Works		62
Provisional Sums		68
CS/Page 1		Carried to Final Summary

FINAL SUMMARY		PAGE NO	
	Building Works	70	
	Sub-Total		
	Escalation		R 6,936,543.35
	Sub-Total		
	<u>Allow 5% Contingency to be used as directed by the Principal Agent and deducted in whole or part if not used</u>	5.00%	
	Sub Total: Excluding VAT		
	Value Added Tax (15%)		
	Total		
		Carried to Form of Tender	



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

PART C3. SCOPE OF WORKS

C3.1 SCOPE OF WORKS GCC FOR CONSTRUCTION WORKS (Edition 2 of 2010)			
Scope of Works complied in accordance with SANS 10403 where reference is made to this part of SANS 1921-1:2004			
Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender no:	ZNB 5499/2023-H	Project Code:	N/A
1	<p><u>SECTION 1</u></p> <p><u>EXTENT OF THE WORKS</u></p> <p>1.1 EMPLOYERS OBJECTIVES</p> <p>The Employers objective is to construct a new medium size clinic in the town of Eshowe</p> <p>1.2 OVERVIEW OF THE WORKS</p> <p>The works includes the construction of a new clinic with staff residence. The clinic consists of the following areas:</p> <ul style="list-style-type: none"> '- Guard House and public ablutions '- Admin building '- Emergency and support services '- Preventative and Promotive centre '- Acute care '- Chronic Care '- Youth and outreach centre <p>1.3 EXTENT OF THE WORKS</p> <p>Construction of new clinic including staff residence, external works (stormwater, sewer, fire, evaporation area, paved areas, pre-mix parking area)</p> <p>1.4 LOCATION OF THE WORKS</p> <p>Portion of the farm Ntuli No 17628 in the town of Eshowe</p> <p>1.5 TEMPORARY WORKS</p> <p>All temporary work to comply with the Occupational Health and safety Act (Act 85 of 1993)</p>		
2	<p><u>ENGINEERING</u></p> <p>2.1 EMPLOYER'S/CONTRACTOR'S DESIGN</p> <p>Not applicable</p>		

<p>2.2</p>	<p>DESIGN BRIEF</p> <p>Not applicable</p>
<p>2.3</p>	<p>DRAWINGS</p> <p>See list of Drawings/Annexures attached to this document</p>
<p>2.4</p>	<p>DESIGN PROCEDURES</p> <p>Not applicable</p>
<p>3</p>	<p><u>PROCUREMENT</u></p> <p>3.1 PREFERENTIAL PROCUREMENT PROCEDURES</p> <p>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.</p> <p>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.</p> <p>3.2 RESOURCE STANDARD PERTAINING TO TARGETED PROCUREMENT</p> <p>NOTE : This project will be adjudicated as not exceeding R 50,000 000,00</p> <p>3.3 SCOPE OF MANDATORY SUBCONTRACT WORK</p> <p>Not applicable</p> <p>3.4 PREFERRED SUBCONTRACTORS/SUPPLIERS</p> <p>Not applicable</p> <p>3.5 SUBCONTRACTING PROCEDURES</p> <p>Not applicable</p> <p>4</p> <p><u>CONSTRUCTION</u></p> <p>4.1 APPLICABLE SANS 2001 STANDARDS FOR CONSTRUCTION WORKS</p> <p>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.</p> <p>Where the description in the Bills of Quantities/Lump Sum documents differ from those in the Standard Electrical Specifications, the descriptions in the Bills of Quantities/Lump Sum documents are to apply. No claim whatsoever will be allowed in respect of errors in pricing due to brevity of description of items in the Bills of Quantities/Lump Sum documents which are fully described when read in conjunction with the relevant Preambles and/or Specifications. Suppliers of materials and the like, whose quality systems apply with one or more of the SABS/SANS ISO 9000 Series should be used whenever possible in the absence of a particular SABS/SANS Specification Standard Mark.</p> <p>Wherever the words "shall be deemed to be included in the description", "shall be stated" or other words having the same effect, appear in the Standard System, it shall be deemed that all descriptions in these Bills of Quantities/Lump Sum documents incorporated such inclusions and statements whether specifically stated or not.</p>

	<p>The Contractor is hereby informed that where SABS/SANS Specifications are referred to in these Bills of Quantities/Lump Sums documents and Specifications thereto, then ONLY the Specification of Work Clauses will apply. The method of measurement and payment clauses will NOT apply to this Contract.</p> <p>The Contractor is hereby informed that risk of collapse and keeping excavations free from water (excluding subterranean water) generally are deemed to be included in the descriptions unless accommodated in the system of measurement. Please refer to the Geotechnical Investigation report when included at the end of these tender documents.</p> <p>Whenever reference is made to "Sub-Contractor", "Nominated Sub-Contractor" or the like in the specifications included or referred to in these Bills of Quantities/Lump Sums documents, it shall be deemed to mean "Contractor" as defined.</p>												
<p>4.2</p> <p>4.3</p> <p>4.4</p> <p>4.5</p> <p>4.6</p> <p>4.7</p> <p>4.8</p>	<p>APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS</p> <p>See above 4.1</p> <p>PARTICULAR / GENERIC SPECIFICATIONS</p> <p>The Contractor is referred to the following documents whether attached to this document or not:</p> <table border="0"> <thead> <tr> <th style="text-align: left;"><u>SPECIFICATION</u></th> <th style="text-align: left;"><u>PAGES</u></th> </tr> </thead> <tbody> <tr> <td>Specification for HIV/AIDS Awareness (CIDB)</td> <td>HIV1 TO HIV3</td> </tr> <tr> <td>Specific Construction, Safety, Health and Environmental Plan</td> <td></td> </tr> <tr> <td>Standard Preambles for all Trades (Rev 3) - DOH 2009</td> <td>1 to 95</td> </tr> <tr> <td>General Electrical Specification</td> <td>E/1 to E/20</td> </tr> <tr> <td>Lightning Protection Installation</td> <td>LP/1 to LP/6</td> </tr> </tbody> </table> <p>CERTIFICATION BY RECOGNIZED BODIES</p> <p>Appointed consultants must be actively registered with their relevant professional discipline</p> <p>AGRÉMENT CERTIFICATES</p> <p>Not applicable</p> <p>PLANT AND MATERIAL PROVIDED BY THE EMPLOYER</p> <p>Not applicable</p> <p>SERVICES AND FACILITIES PROVIDED BY THE EMPLOYER</p> <p>None.</p> <p>OTHER SERVICES AND FACILITIES</p> <p>The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Administration.</p> <p>The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed.</p> <p>The Contractor is advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.</p>	<u>SPECIFICATION</u>	<u>PAGES</u>	Specification for HIV/AIDS Awareness (CIDB)	HIV1 TO HIV3	Specific Construction, Safety, Health and Environmental Plan		Standard Preambles for all Trades (Rev 3) - DOH 2009	1 to 95	General Electrical Specification	E/1 to E/20	Lightning Protection Installation	LP/1 to LP/6
<u>SPECIFICATION</u>	<u>PAGES</u>												
Specification for HIV/AIDS Awareness (CIDB)	HIV1 TO HIV3												
Specific Construction, Safety, Health and Environmental Plan													
Standard Preambles for all Trades (Rev 3) - DOH 2009	1 to 95												
General Electrical Specification	E/1 to E/20												
Lightning Protection Installation	LP/1 to LP/6												

<p>5</p> <p>5.1</p>	<p><u>MANAGEMENT</u></p> <p>APPLICABLE SANS 1921 STANDARDS</p> <p>SANS 876:2016 - Cable terminations and live conductors within air-filled enclosures (insulation co-ordination) for rated a.c. voltages from 7,2 kV up to and including 36 kV.</p> <p>SANS 1874:2015 - Switchgear - Metal-enclosed ring main units for rated a.c. voltages above 1 kV and up to and including 36 kV.</p> <ul style="list-style-type: none"> o The Occupational Health and Safety Act (Act 85, 1993) as amended o The control panel, associated components and wiring shall be installed in compliance with the latest, relevant and applicable standards. o SANS 10147: Refrigerating systems, including plants associated with AC systems o SANS 347: Categorization and conformity assessment criteria for all pressure equipment o SANS 10142: Code of Practice for Wiring of Premises o SANS 60947-1: 2005/IEC 60947-1: 2004 to SANS 60947-8: 2004/IEC 60947-8: 2004: Low voltage switch gear and control gear. o A Certificate of Conformity, in accordance with the OHS Act as amended and SANS 347, will be required for all refrigeration and air-conditioning works o KwaZulu-Natal Department of Health Policy on Design of Mechanical Installations o An Electrical Certificate of Compliance, in accordance with the OHS Act as amended, will be required for all Electrical Works. o The Machinery and Occupational Safety Act - Act 6/1983 o The Municipal by-laws and any special requirements of the Supply Authorities of the area or district concerned. o Local Fire Regulations. o All building works shall be in accordance with the Standard Preambles to All Trades. The contractor should fully familiarise himself with these documents prior to quoting.
<p>5.2</p>	<p>RECORDING OF WEATHER</p> <p>The Contractor shall keep record of abnormal climatic conditions to facilitate the adjudication of claims for extension of the contract period.</p>
	<p>The Contractor shall allow in his programme 3 (Three) days per month for inclement weather for the duration of the construction period</p>
<p>5.3</p> <p>5.4</p> <p>5.5</p>	<p>MANAGEMENT MEETINGS</p> <p>In order to facilitate the smooth functioning of the Works and to ensure the closest co-operation between all the parties concerned, the Employer will call for regular meetings to be held on the site, at which a senior member of the Contracting firm and the General Foreman of the Works will always be required to be present.</p> <p>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.</p> <p>Proper minutes of these meetings will be kept by the Employer\Principal Agent and copies will be circulated to all persons attending the meetings and to others who need to be kept informed.</p> <p>FORMS FOR CONTRACT ADMINISTRATION</p> <p>The Employer shall provide all necessary forms.</p> <p>ELECTRONIC PAYMENTS</p> <p>The Contractor shall provide all required information to the Employer to facilitate electronic payments upon request.</p>

<p>5.6</p>	<p>DAILY RECORDS</p> <p>The Contractor shall keep daily records of people and equipment employed as well as a site diary in respect of work performed on the site.</p> <p>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.</p> <p>At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.</p>
<p>5.7</p>	<p>BONDS AND GUARANTEES</p> <p>The Contractor shall within 10 calendar days after receiving notice from the Engineer and prior to receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the Contract Data.</p>
<p>5.8</p>	<p>PAYMENT CERTIFICATES</p> <p>Requirements will be in accordance with the Employers prescriptions.</p>
<p>5.9</p>	<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>
<p>5.10</p>	<p>PROOF OF COMPLIANCE WITH THE LAW</p> <p>The following certificates must be provided before first delivery is taken:</p> <ul style="list-style-type: none"> - Electrical Compliance Certificate - Lightning Certificate - Electrical and Mechanical test certificates - SANS 10400-A:2010 compliance certificates - Latest National Building Regulation - Asbestos removal compliance certificates
<p>5.11</p>	<p>INSURANCE PROVIDED BY THE EMPLOYER</p> <p>Not Applicable</p>

<u>SECTION 2</u>	
<u>SPECIFICATION DATA ASSOCIATED WITH SANS 1921-2004</u>	
Clause Numbers	4.1.7 The requirements for drawings, information and calculations for which the Contractor is responsible are:
	0
	4.2.1 The responsibility strategy assigned to the Contractor for the works is:
	Strategy A
	4.2.2 The structural engineer is:
	0
	4.2.3 Drawings & other info are to be submitted in accordance with the contractors programme
	Not applicable
	4.3 The planning, programme and method statement are to comply with the following:
	N/A
	4.12.1 Samples of materials
	The work is to be executed with materials of the best specified and in the most substantial and workmanlike manner under the inspection of the Employer and to his satisfaction. The Contractor shall furnish, without delay, such samples as called for or may be called for by the Employer, who may reject all materials or workmanship not corresponding with the approved sample. The samples of materials, workmanship and finishes that the Contractor is to provide and deliver to the employer are: TBC
	4.12.2 Fabrication drawings that the contractor is to provide to the employer are:
None	
4.12.3 Office accommodation, equipment, accommodation for site meetings and other facilities for use by the employer and his agents are:	
OFFICE FOR FOREMAN	
Provide, erect, maintain and remove at completion a suitable temporary office for the Contractor or his Foreman, perfectly secured, lighted and ventilated and having a desk with drawers.	
TELEPHONE	
The Contractor shall provide a telephone on the site for the use of the Contractor and all Sub-Contractors for the duration of the Contract, and must make the necessary application for connection, give all notices and pay all fees, rentals and charges for the service and also for all calls.	

	<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>

4.18 ADDITIONAL HEALTH AND SAFETY REQUIREMENTS ARE:

By the submission of a tender, any Tenderder will, if awarded the contract to which this tender document relates, be deemed to be the mandatory as envisaged by Section 37 (2) of the Act. As a mandatory the successful Tenderder will be deemed to be the "principal contractor" and an employer in his/her/their own right with duties as prescribed in the Act and accordingly will be deemed to have agreed to be solely responsible for ensuring that in connection with the service to which this tender document relates, all work will be performed and machinery and plant used in accordance with the Act. Should the Contractor, for whatever reason be unable to perform as required by the Act, the Contractor undertakes to inform the Employer accordingly.

Tenderders are advised that it is a Condition of this Tender that a 'Construction Phase Safety, Health and Environmental Plan' specifically relates to the project for which tenders are being submitted and must be prepared by the Tenderder and submitted with the other tender documents at the time of tender. Failure to do so will

Tenderders are therefore advised to study the 'Construction Safety, Health and Environmental Specification' which is issued as part of this tender document, the Model Preambles to Trades - 2008, any project Specification included in this tender document and any and all drawings which are referred to and issued as part of this tender document before preparing their own project specific 'Construction Phase Safety, Health and Environmental Plan' . Tenderders are also advised that such a plan which is submitted with a tender but is incomplete or considered inadequate by the Employer or his Representative will invalidate the tender.

The Contractor will be deemed to have satisfied himself with his obligations in terms of the Act and to have allowed for all costs arising from compliance with the Act as no claim for extra costs arising from compliance with, and obligations in terms of the Act will be entertained.

4.22 WORK BY NOMINATED AND SELECTED SUBCONTRACTORS COMPRISE:

List of applicable sub-contractors to be compiled post award.

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.

- b) either place and maintain HIV/AIDS awareness posters of size of not less than A1 in areas which are highly trafficked by construction workers, or provide construction workers with a pamphlet, in languages largely understood by construction workers, which
- c) encourage voluntary HIV/STI testing;
- d) provide information concerning counselling, support and care of those that are infected services; and
- e) comply with the requirements of 5.2.

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

5.2 HIV awareness programme

5.2.1 The contractor shall:

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

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

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

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

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

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

5.3 Reporting

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

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

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

C3.3 - HIV/STI COMPLIANCE REPORT

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

Project Code:

0

Payment Claim number:

Period covered by payment claim:

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).



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

PART C4. SITE INFORMATION

C4.1 SITE INFORMATION
GCC FOR CONSTRUCTION WORKS (2 Edition of 2010)

Project title:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
Tender No.	ZNB 5499/2023-H	Project Code:	N/A

C4.1 Site Information

C4.1	GENERAL
(a)	(PORTION OF THE FARM NTULI No. 17628) in the town of Eshowe
C4.2	GEOTECHNICAL INVESTIGATION REPORT
	Attached



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

PART C5 - DRAWINGS / ANNEXURES

C5.1 - LIST OF DRAWINGS/ANNEXURES

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

Tender No.:	ZNB 5499/2023-H	Project Code:	N/A
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The following drawings/annexure's shall be issued during the Tender period to form part of the tender documentation. Where applicable, drawings/annexure's could be re-issued to the Contractor at commencement of the construction phase.

DRAWING NO

DESCRIPTION

Architectural

SP001	SITE PLAN - Rev03
GA_A001	GROUND FLOOR PLAN BLOCK A GUARD HOUSE &
GA_B001	GROUND FLOOR PLAN BLOCK B ADMIN & MAIN CENTRAL
GA_C/D001	GROUND FLOOR PLAN BLOCK C: EMERGENCY &
GA_E001	GROUND FLOOR PLAN BLOCK E: PREVENTATIVE &
GA_F001	GROUND FLOOR PLAN BLOCK F: ACUTE CARE - Rev02
GA_G001	GROUND FLOOR PLAN BLOCK G: CHRONIC CARE - Rev02
GA_H001	GROUND FLOOR PLAN BLOCK H: YOUTH & OUTREACH
GA_S001	GROUND FLOOR PLAN TYPICAL STAFF HOUSE - Rev02
GA_MP001	MAIN PASSAGE/CIRCULATION - Rev02
GA_EL001	OVERALL ELEVATIONS - Rev02
GA_RP001	ROOF PLAN - Rev02
GA_DS001	DOOR SCHEDULE - Rev02
GA_DS002	DOOR SCHEDULE - Rev02
GA_DS003	DOOR SCHEDULE - Rev02
GA_WS001	WINDOW SCHEDULE - Rev02
KZN.icp.610	Medium Clinic with MOU – Bumper Rail Details
KZN.icp.610	Medium Clinic with MOU – Bumper Rail Details – Block A
KZN.icp.610	Medium Clinic with MOU – Bumper Rail Details – Block B
KZN.icp.610	Medium Clinic with MOU – Bumper Rail Details – Block C
KZN.icp.610	Medium Clinic with MOU – Bumper Rail Details – Block E
KZN.icp.610	Medium Clinic with MOU – Bumper Rail Details – Block F
KZN.icp.610	Medium Clinic with MOU – Bumper Rail Details – Block G
KZN.icp.610	Medium Clinic with MOU – Bumper Rail Details – Block H
KZN.icp.610	Medium Clinic with MOU – Bumper Rail Details – Block J
KZN.icp.530	Medium - Finishing Schedule
KZN.icp.531	Sanitary Fittings Schedule - Medium Clinic

Electrical

10842	Electrical Specification - Rev0
10842TR001	Mpaphala Clinic - Design Report - Rev1

18008E0000	Earthing and Lightning Protection Typical Layout - RevB
18008E0001	Area Lighting and Electrical Services Layout - RevB
18008E0010	Containment Layout - RevB
18008E1000	Lighting Layout - RevB
18008E2000	Small Power Layout - RevB
18008E4150	MAIN LV PANEL/N/E: SINGLE LINE DIAGRAM - RevB
18008E4151	KIOSK 1 /N/E: SINGLE LINE DIAGRAM - RevB
18008E4152	DB-BA/N/E - GUARD HOUSE: SINGLE LINE DIAGRAM -
18008E4153	DB-BB/N/E - ADMIN BUILDING: SINGLE LINE DIAGRAM -
18008E4154	DB-BC/N/E - EMERGENCY & SUPPORT SERVICES: SINGLE
18008E4155	DB-BD/N - SERVICES & STORES: SINGLE LINE DIAGRAM -
18008E4156	DB-BE/N/E - PREVENTATIVE & PROMOTIVE: SINGLE LINE
18008E4157	DB-BF/N/E - ACUTE CARE: SINGLE LINE DIAGRAM - RevB
18008E4158	DB-BG/N/E - CHRONIC CARE: SINGLE LINE DIAGRAM -
18008E4159	DB-BH/N/E - YOUTH & OUTREACH CENTRE: SINGLE LINE
18008E4160	DB-AP1/N (TYPICAL): SINGLE LINE DIAGRAM - RevB
18008E4200	Public Address System Layout - RevB
18008E4300	Nurse Call Layout - RevB
18008E4400	PV DESIGN - RevA
Mechanical	
04089 - ME 001	BLOCK A - GUARD HOUSE & PUBLIC ABLUTIONS HVAC
04089 - ME 002	BLOCK B - ADMIN & MAIN CENTRAL AREAS HVAC
04089 - ME 003	BLOCK C & D - EMERGENCY SUPPORT SERVICES &
04089 - ME 004	BLOCK E - PREVENTATIVE & PROMOTIVE HVAC LAYOUT -
04089 - ME 005	BLOCK F - ACUTE CARE HVAC LAYOUT - Rev0
04089 - ME 006	BLOCK G - CHRONIC CARE HAVAC LAYOUT - Rev0
04089 - ME 007	BLOCK H - YOUTH & OUTREACH CARE HVAC LAYOUT -
04089 - ME 012	BLOCK B - HOT WATER - ADMIN & MAIN CENTRAL ARES
04089 - ME 013	BLOCK C & D - HOT WATER - EMERGERNCY SUPPORT
04089 - ME 014	BLOCK E - HOT WATER - PREVENTATIVE & PROMOTIVE
04089 - ME 015	BLOCK F - HOT WATER - ACUTE CARE LAYOUT - Rev0
04089 - ME 016	BLOCK G - HOT WATER - CHRONIC CARE LAYOUT - Rev0
04089 - ME 017	BLOCK H - HOT WATER - YOUTH & OUTREACH CARE
04089 - ME 018	BLOCK FLATS 1-8 - HOT WATER - STAFF HOUSES
04089 - ME 021	BLOCK A - FIRE - GUARD HOUSE & PUBLIC ABLUTIONS
04089 - ME 022	BLOCK B - FIRE - ADMIN & MAIN CENTRAL ARES LAYOUT -
04089 - ME 023	BLOCK C & D - FIRE - EMERGERNCY SUPPORT SERVICES
04089 - ME 024	BLOCK E - FIRE - PREVENTATIVE & PROMOTIVE LAYOUT -
04089 - ME 025	BLOCK F - FIRE - ACUTE CARE LAYOUT - Rev0
04089 - ME 026	BLOCK G - FIRE - CHRONIC CARE LAYOUT - Rev0
04089 - ME 027	BLOCK H - FIRE - YOUTH & OUTREACH CARE LAYOUT -
04089 - ME 028	BLOCK FLATS 1-8 - FIRE - STAFF HOUSES LAYOUT - Rev0
	Particular specification (Scope of work)
	General specification
	Technical description (dx cassette unit)
	Technical description (dx midwall unit)
	Technical description (dx concealed unit)
	Technical description (ventilation systems)
	Technical Description (hot water generation)
	Technical Description (fire installations)

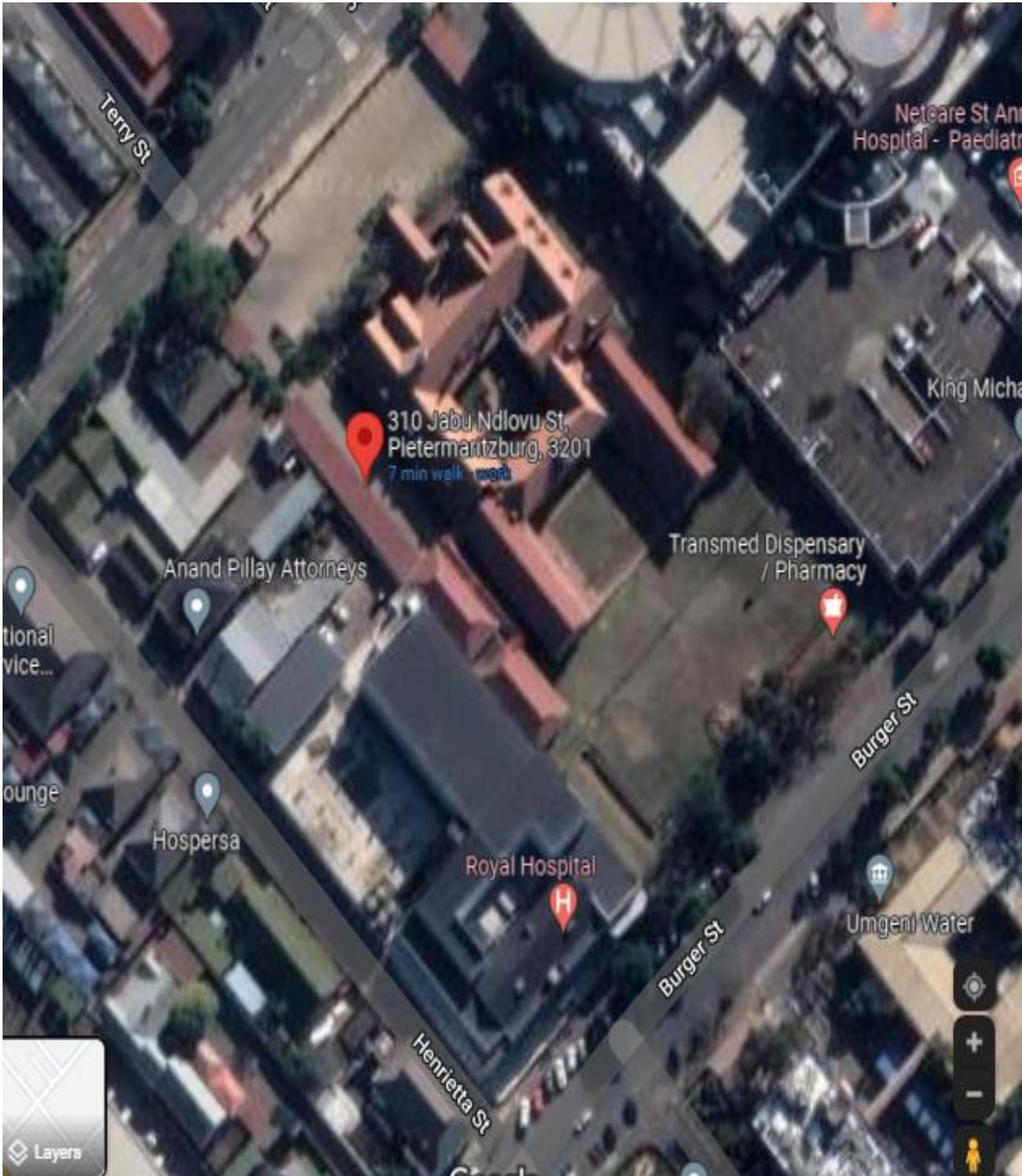
ANNEXURES

Annexure 1	Map of Tender submission location
Annexure 2	Joint Venture Agreement
Annexure 3	Health and Safety Specification
Annexure 4	Health and Safety Bill of Quantities
Annexure 5	Builders Lien Agreement
Annexure 6	Geotechnical Investigation Report (If applicable)
Annexure 7	EPWP Employment Contract
Annexure 8	EPWP Additional Specification
Annexure 9	EPWP Scope of Works
Annexure 10	Attendance Register - Infrastructure and Other projects
Annexure 11	EPWP Data Collection tool for Phase 3 system



CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

ANNEXURES





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)*

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

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 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.

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].

BASELINE RISK ASSESSMENT

Please note that this is a Baseline Risk Assessment and not a detailed Risk Assessment of anticipated activities

RISK ASSESSOR:			APPROVAL		
Name and Surname	Designation	Signature	Name and Surname	Designation	Signature
Inderjith Samsunder	CHS AGENT: KDS Health & Safety			Project Manager	
Inderjith Samsunder	CR 9(1) Risk Assessor: I Samsunder				

Project:	<i>Department of Health: Construction of new clinic: Maphapala Clinic</i>				
REF NO	RISK ASSESSOR			REVISION	DATE
LIKELIHOOD		CONSEQUENCE		RISK RANKING	
Rare	1	Insignificant	1	0-5	1
Unlikely	2	Minor	2	6-10	2
Possible	3	Moderate	3	11-16	3
Likely	4	Major	4	17-20	4
Almost certain	5	Severe	5	21-25	5

MAIN ACTIVITY	Site Establishment								
REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
1.1	Travel to site	<ul style="list-style-type: none"> • Potholes • Undulating roads • Poor visibility 	<ul style="list-style-type: none"> • Fatigue 	<ul style="list-style-type: none"> • Oil/diesel spillages 	<ul style="list-style-type: none"> • Community livestock • Other vehicles driving recklessly • Pedestrians • Construction works on public road 	5x5=25:5	<ul style="list-style-type: none"> • All drivers to be deemed competent • Nil staff to travel in rear of vehicles with equipment • All equipment to be secured during transport • All vehicles to be road worthy • No drivers/Operators to be under the influence of alcohol or drugs of any kind. • Inspection Records must be kept for all vehicles and plant. 	3x3=9	3

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
1.2	Site clearance and de-vegetation	<ul style="list-style-type: none"> • Poor traffic control • Incompetent drivers • inadequate signage's • Moving of construction vehicles and vehicle colliding • Snakes ,insect bites & stings 	<ul style="list-style-type: none"> • Back strain • cuts, • Abrasion • heat exhaustion • noise exposure • dust inhalation 	<ul style="list-style-type: none"> • Spilling of oil diesel, petrol • Contamination of ground 	<ul style="list-style-type: none"> • Tripping hazard • dust inhalation • intermittent noise level 	5x5=25:5	<ul style="list-style-type: none"> • All staff to have medicals done by an occupational medical practitioner prior to commencement of work. All workers to have valid medicals with annexure 3 documents signed and stamped by Occupational Medical Practitioner with records in file. • All staff to work under supervision • Dust suppression is to be maintained • Responsible 8.1 to ensure Instructions are given on Manual handling using Safe Work Procedure (SWP) for Manual Handling. • Only Licensed and Appointed Mechanical Aids Operators (i.e. Crane Operators, TLB operators, Bobcat Operators, etc.) to operate plant on site. • Inspection & Maintenance records must be maintained for all mechanical aids on site. 	3x4=12	3

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
1.3	Site fencing	<ul style="list-style-type: none"> Pinch points from manual handling Trip hazards Underground services 	<ul style="list-style-type: none"> Heat exposure Dust Noise Chemical burns/ contact dermatitis from cement and eye injuries from cement splashes 	<ul style="list-style-type: none"> Hydrocarbon spills 	<ul style="list-style-type: none"> Unauthorised persons entering site School learners entering site Damage to underground services 	4x4=16:3	<ul style="list-style-type: none"> All contractor staff and local labour to be inducted of all “no go” areas All staff have company logo PPE with name tags Contractor staff to work within designated areas only Contractor to conduct DSTI’s (Daily Safety Task Instruction) and communicated at the beginning of the shift on a daily basis. DSTI close out to be conducted and attendance registered signed by all staff. Flagman to be provided to ensure vehicles are guided onto site. Wear hand protection (PVC Gloves), safety glasses and face shield always by the operator of the concrete chute. Concrete spillages to be cleaned up and concrete truck chute to be cleaned in concrete wash area. Stacking & Storage Supervisor to be appointed to control lay down areas. 	3x2 =6	2

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
1.4	Placing of mobile offices	<ul style="list-style-type: none"> • Use of mechanical aids for offloading • Failure of lifting equipment • Fall from heights • Manual handling • Mechanical aids overturning • Overhead power lines 	<ul style="list-style-type: none"> • Noise • Hand and body injuries • Heat exposure • Dust exposure 	<ul style="list-style-type: none"> • Hydrocarbon spills 	<ul style="list-style-type: none"> • Exposure to dust • Interaction of machinery and learners 	4x5=20:4	<ul style="list-style-type: none"> • All operators to be deemed competent • All riggers to be deemed competent • All lifting equipment to be .load tested • Flagman/banksman to be present on site during movement of plant • Access control to be managed on site • All staff to have the required PPE • Staff working at heights to be trained for heights safety • Contractor to conduct DSTI's (Daily Safety Task Instruction) and communicated at the beginning of the shift on a daily basis. DSTI close out to be conducted and attendance registered signed by all staff. • Ensure Offloading area is clear, level, secure and free from slip trip and falling hazards. • Mechanical Aids must be operated in accordance with the operators training and manufacturers guidelines 		

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
1.5	Connection of power supply	<ul style="list-style-type: none"> • Electrocutation • Hand injuries 	<ul style="list-style-type: none"> • Heat exhaustion 	None	<ul style="list-style-type: none"> • Interruption of power supply 	3x5=15:3	<ul style="list-style-type: none"> • Only authorised person to do electrical connection • A CoC is to be provided for all electrical works done • Monthly inspections to be done for all temporary electrical connections • Contractor is to be responsible for power consumption • Required agreements to be in file for electrical usage 	2x4=8	2
1.6	Water supply	<ul style="list-style-type: none"> • Injuries during the laying of water pipes 	<ul style="list-style-type: none"> • Drinking water which is not safe for human consumption 	None	<ul style="list-style-type: none"> • Theft of water by residents 	3x3=9: 2	<ul style="list-style-type: none"> • All drinking water is to be labelled/sign posted • Water use is to be managed on site • The location of stand pipes to be correctly positioned to mitigate theft of water from site 	3x2=6	2
1.8	Construction of staff facilities: eat area/toilets/change area	<ul style="list-style-type: none"> • Manual handling • Fall from heights • Hand injuries • Use of portable electrical power tools 	<ul style="list-style-type: none"> • Electrocutation • Dust exposure • Heat exposure 	None	None	4x3=12: 3	<ul style="list-style-type: none"> • Separate facilities for both male and female • Drinking water to be provided for staff on site • If portable toilets are to be used required service slips are to be maintained on site • Staff facilities area to be suitable for staff use 	3x2=6	2

Construction Works									
MAIN ACTIVITY									
REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
2.1	Site survey	<ul style="list-style-type: none"> • Trips and falls • Injuries from use of hand tools 	<ul style="list-style-type: none"> • Heat exhaustion • Dust exposure 	<ul style="list-style-type: none"> • Use of cement for markings contamination 	<ul style="list-style-type: none"> • Trips and falls • Unauthorise entrance 	3x3=9: 2	<ul style="list-style-type: none"> • Works to be supervised • DSTI to be done • Lime to be used for ground markings • Required PPE to be used • All survey pegs to be made visible • If steel is to be used rebar caps are to be fitted onto them 	2x2= 4	1
2.2	Mechanical excavations	<ul style="list-style-type: none"> • Machinery collide with people • Collision with machinery • Fall into open excavation • Collapse of side walls 	<ul style="list-style-type: none"> • Dust exposure • Back injuries • Noise exposure 	<ul style="list-style-type: none"> • Hydro carbon spills 	<ul style="list-style-type: none"> • Dust exposure • Collision with machinery 	4x4=16: 3	<ul style="list-style-type: none"> • DSTI to be done • All staff to have the required PPE • All plant to be inspected before use • All open excavations to be netted off and sign posted • Excavated spoil to be 500mm away from edge of excavation • Nil staff to be in any excavation when machinery in use 	2x3= 6	2
2.3	Manual excavations	<ul style="list-style-type: none"> • Slips and falls • Fall into open excavations • Collapse of side walls 	<ul style="list-style-type: none"> • Dust exposure • Back injuries • Heat exhaustion 	None	<ul style="list-style-type: none"> • Fall into open excavations 	4x4=16: 3	<ul style="list-style-type: none"> • All staff to be trained in safe works procedure • All spoil to be away from edge of excavation • Ladders to be provided for access and egress from excavations 	3x3= 9	2

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
2.4	Steel fixing for foundations	<ul style="list-style-type: none"> Manual handling injuries Pinch points Slips and trips 	<ul style="list-style-type: none"> Back injuries 	None	None	4x3=12: 3	<ul style="list-style-type: none"> Required PPE to be used DSTI to be done All works to be supervised All steel to be stacked within a designated area 	2x2 =4	1
2.5	Concrete of foundations	<ul style="list-style-type: none"> Use of hand tools injuries Trips and falls Collapse of excavation side walls Contact with machinery 	<ul style="list-style-type: none"> Chemical burns from concrete Heat exhaustion Dust exposure 	<ul style="list-style-type: none"> Ground contamination 	<ul style="list-style-type: none"> Collision with pedestrians 	4x4=16: 3	<ul style="list-style-type: none"> DSTI to be done Flagman to direct all trucks to site All staff to have the required PPE when handling concrete Nil staff to be in foundation during discharge of concrete into excavation Delivery trucks to use designated access Washing of truck chutes to be done within a concrete wash area 	3x2 =6	2
2.6	Brick work for sub structure	<ul style="list-style-type: none"> Manual handling injuries Trips and falls 	<ul style="list-style-type: none"> Dust exposure Back strains Ergonomically injuries 	<ul style="list-style-type: none"> Ground contamination due to mixing of mortar on natural ground 	<ul style="list-style-type: none"> Unauthorised access to site 	3x3=9:2	<ul style="list-style-type: none"> Proper stacking of bricks to be done Movement of bricks to be done with proper wheel barrows All staff to have required PPE A platform to be created for mixing of mortar Housekeeping to be maintained on site 	2x2 = 4	1

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
2.7	Backfilling and compaction of sub structure	<ul style="list-style-type: none"> Struck by machinery Manual handling injuries Fires 	<ul style="list-style-type: none"> Dust exposure Heat exhaustion HAVS Noise 	<ul style="list-style-type: none"> Hydro carbon spills 	<ul style="list-style-type: none"> Unauthorized access 	5x3=15: 3	<ul style="list-style-type: none"> All staff to have required PPE DSTI to be done All works to be supervised Safe works procedure to be done and communicated to staff Risk assessments to be communicated 	3x2 =6	2
2.8	Soil poisoning	<ul style="list-style-type: none"> Skin irritation Eye irritation 	<ul style="list-style-type: none"> Inhalation of HCS fumes 	<ul style="list-style-type: none"> Environmental degradation 	None	4x4=16: 3	<ul style="list-style-type: none"> Required PPE to be used Soil poisoning to be done by a competent person/contractor Certificate to be provided 	2x2=4	1
2.9	Steel fixing for floor slab	<ul style="list-style-type: none"> Manual handling injuries Pinch points Slips and trips 	<ul style="list-style-type: none"> Back injuries 	None	None	4x3=12: 3	<ul style="list-style-type: none"> Required PPE to be used DSTI to be done All works to be supervised All steel to be stacked within a designated area 	2X2 =4	1
2.10	Concrete of floor slab	<ul style="list-style-type: none"> Use of hand tools injuries Trips and falls Contact with machinery 	<ul style="list-style-type: none"> Chemical burns from concrete Heat exhaustion Dust exposure 	<ul style="list-style-type: none"> Ground contamination 	<ul style="list-style-type: none"> Collision with pedestrians 	4x4=16: 3	<ul style="list-style-type: none"> Flagman to direct all trucks to site All staff to have the required PPE when handling concrete Nil staff to be in foundation during discharge of concrete into excavation Delivery trucks to use designated access All spills to be cleaned and disposed 	3x2 =6	2

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
2.11	Brick work for super structure	<ul style="list-style-type: none"> Manual handling injuries Trips and falls 	<ul style="list-style-type: none"> Dust exposure Back strains Ergonomically injuries Heat exhaustion 	<ul style="list-style-type: none"> Ground contamination due to mixing of mortar on natural ground 	<ul style="list-style-type: none"> Unauthorized access to site 	3x3=9:2	<ul style="list-style-type: none"> Proper stacking of bricks to be done Movement of bricks to be done with proper wheel barrows All staff to have required PPE A platform to be created for mixing of mortar Waste skips to be provided on site All cement bags to be properly disposed on site Housekeeping to be maintained on site 	2x2 = 4	1
2.12	Erect scaffold for brick work	<ul style="list-style-type: none"> Manual handling injuries Fall from heights Collapse of unstable scaffolding Incompetent scaffold erectors/ supervisors/ inspectors 	<ul style="list-style-type: none"> Heat exhaustion 	None	<ul style="list-style-type: none"> Unauthorized access to site 	5x4=20: 4	<ul style="list-style-type: none"> All scaffolding to be erected as per SANS 10085 Required PPE to be used Fall arrest equipment to be used for height work Design plan to be provided for all scaffolding erection Required scaffold forms to be provided for all scaffolding Required appointments to be in file All works to be supervised 	3x3=9	2

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
2.13	Work at heights	<ul style="list-style-type: none"> • Collapse of scaffolding • Slips and falls • Fall from heights/ elevated positions 	<ul style="list-style-type: none"> • Heat exhaustion 	None	<ul style="list-style-type: none"> • Unauthorise access to site 	5x4=20: 4	<ul style="list-style-type: none"> • All staff will be deemed fit for work with medicals records in file • Required PPE will be provided for staff • All works under supervision • All scaffolding will be erected as per SANS 10085 • All ladders inspected before use • Domestic fold ladders are not to be used on site • DSTI to be done before any work commences • All works to be supervised 	2x3=6	2
2.14	Erect temporary works	<ul style="list-style-type: none"> • Manual handling • Trips and falls • Injuries • Fall from heights • Failure of lifting equipment • Damages to equipment • Use power tools – electrocution/ burns 	<ul style="list-style-type: none"> • Heat exhaustion • Ergonomical injuries • Dust exposure 	<ul style="list-style-type: none"> • Hydro carbon spills • Spillages of shutter oil 	<ul style="list-style-type: none"> • Unauthorise d access to site 	5x5=25: 5	<ul style="list-style-type: none"> • Appointed Temporary works supervisor to be appointed • Stacking and Storing to only be in designated areas and Contractor to develop and implement Stacking & Storing Guidelines • Works to be done as per design plan • DSTI to be done • Risk assessments and SWP to be done and communicated • Required PPE to be used 	3x3= 9	3

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
							<ul style="list-style-type: none"> • Guard rails to be erected on perimeter of temporary works-fall prevention • All works to be supervised • All lifting machinery to be operated by competent persons • Riggers to be trained • All power tools to be inspected before use. Records to be in file • Housekeeping to be maintained on site 		
2.15	Concrete of 1 st floor slab	<ul style="list-style-type: none"> • Use of hand tools injuries • Trips and falls • Contact with machinery 	<ul style="list-style-type: none"> • Chemical burns from concrete • Heat exhaustion • Dust exposure 	<ul style="list-style-type: none"> • Ground contamination 	<ul style="list-style-type: none"> • Collision with pedestrians 	4x4=16: 3	<ul style="list-style-type: none"> • DSTI to be done • Flagman to direct all trucks to site • Temporary works to be signed off by appointed person before concrete pour commences. • Temporary works to be inspected during concrete pour. • All staff to have the required PPE when handling/ working with concrete • All spills to be cleaned and disposed • Washing of truck chutes to be done within a concrete wash area 	3x2 =6	2

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
2.16	Installing of roof trusses and roof sheeting	<ul style="list-style-type: none"> • Fall from heights • Manual handling injuries • Use hand tools injuries • Unsafe stacking & storage –falls • Use power tools- electrocution 	<ul style="list-style-type: none"> • Ergonomical injuries • Heat exhaustion 	None	None	5x5=25: 4	<ul style="list-style-type: none"> • DSTI to be done • Risk assessment and SWP to be communicated to all staff • All power tools to be inspected before use • Fall arrest equipment to be used at all heights • All exposed roof trusses/purlins to be painted on the ground before installing • All staff to use required PPE • All stacking and storage to be done in designated area • All works to be supervised • Fall protection plan to be implemented • Nil works to be done during windy conditions 	3X3=9	2
2.17	Install of fascia/ barge boards/ gutters	<ul style="list-style-type: none"> • Fall from heights • Manual handling injuries • Use hand tools injuries 	<ul style="list-style-type: none"> • Ergonomical injuries • Heat exhaustion 	None	None	5x5=25: 5	<ul style="list-style-type: none"> • Risk assessment and SWP to be communicated to all staff • All power tools to be inspected before use • Fall arrest equipment to be used at all heights • All fascia and barge boards to be painted on the ground before installing 	4x3=12	3

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
2.18	Plastering of walls and roof slab	<ul style="list-style-type: none"> • Fall from heights • Use of hand tools • Trips and falls • Hand injuries 	<ul style="list-style-type: none"> • Dust exposure • Ergonomical injuries 	<ul style="list-style-type: none"> • Ground contamination 	None	4x3=12: 3	<ul style="list-style-type: none"> • Work platforms to be created • Required PPE to be used • Works to be supervised • Adequate lighting to be provided in poor visibility areas • Housekeeping to be maintained 	3x2=6	2
2.19	Installing of ceilings/ cornices	<ul style="list-style-type: none"> • Fall from heights • Slips and falls • User of hand tools power tools injuries • Manual handling 	<ul style="list-style-type: none"> • Dust exposure • Ergonomical injuries 	None	None	4x4=16: 3	<ul style="list-style-type: none"> • Work platforms to be created • All hand and power tools to be inspected before use • DSTI to be done • All staff to have the required PPE • All works to be supervised • Housekeeping to be maintained • All ladders to be inspected before use • Nil sharp knives to be left exposed 	3x3=9	2
2.23	Painting works	<ul style="list-style-type: none"> • Fall from heights • Trips and falls 	<ul style="list-style-type: none"> • Exposure to paint fumes • Dust exposure 	<ul style="list-style-type: none"> • Ground contamination 	None	4x4=16: 3	<ul style="list-style-type: none"> • All painting to be done off wooden ladders • Inspection records to be in file • Staff to have required PPE • DSTI to be done • All works to be supervised • Washing of all paint items to be done in a controlled manner for safe disposal • Drip sheets to be used for all painting works 	3x2=6	2
MAIN ACTIVITY	Plumbing Works								

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
3.1	Fitting of wash basins/ pan cisterns	<ul style="list-style-type: none"> Manual handling Use power tools /hand tools injuries 	<ul style="list-style-type: none"> Dust exposure Ergonomical injuries 	None	None	4X3=12: 3	<ul style="list-style-type: none"> DSTI to be done All works to be supervised Risk assessments and SWP to be done All staff to have required PPE Housekeeping to be maintained 	2x2=4	1
3.2	Fitting of water pipes	<ul style="list-style-type: none"> Trips and falls Use power tools /hand tools injuries Hot works Electrical burns 	<ul style="list-style-type: none"> Dust exposure Ergonomical injuries 	None	None	4X3=12: 3	<ul style="list-style-type: none"> DSTI to be done All works to be supervised Risk assessments and SWP to be done All staff to have required PPE Housekeeping to be maintained Hot works permit to be done 	3x2=6	2
3.3	Installing of sewer /storm water pipes	<ul style="list-style-type: none"> Trips and falls Manual handling injuries Underground services Open excavations 	<ul style="list-style-type: none"> Dust exposure Heat exposure Ergonomical injuries Noise exposure HAVS 	None	None	4x4=16: 4	<ul style="list-style-type: none"> All works to be supervised DSTI to be done Risk assessments & SWP to be done All open excavations to be netted off Access and egress to be provided for all open excavations All spoil to be away from excavation side wall 	3x2= 6	2
MAIN ACTIVITY	Carpentry Works								

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
4.1	Fitting of Single Doors & Double Doors into frames	<ul style="list-style-type: none"> Noise Dust Bumping against, Struck by flying items 	<ul style="list-style-type: none"> cuts and abrasions dust inhalation noise induced hearing loss 	None	None	3x2=6	<ul style="list-style-type: none"> Safe & proper use of hand tools Wearing required PPE practise of proper manual lifting of material 	2x2=4	1
4.2	Fitting of cupboards, desk and shelving etc.	<ul style="list-style-type: none"> Noise Dust Bumping against, Struck by flying items 	<ul style="list-style-type: none"> cuts and abrasions dust inhalation noise induced hearing loss 	None	None	3x2=6	<ul style="list-style-type: none"> Safe & proper use of hand tools Wearing required PPE practise of proper manual lifting of material 	2x2=4	1
4.3	Fitting of Ironmongery	<ul style="list-style-type: none"> Noise Dust Bumping against, Struck by flying items 	<ul style="list-style-type: none"> cuts and abrasions dust inhalation noise induced hearing loss 	None	None	3x2=6	<ul style="list-style-type: none"> Safe & proper use of hand tools Wearing required PPE practise of proper manual lifting of material 	2x2=4	1
MAIN ACTIVITY	Floor Works								

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRONMENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
5.1	Screeed of floors	<ul style="list-style-type: none"> Noise Dust Bumping against, Trip hazards 	<ul style="list-style-type: none"> cuts and abrasions dust inhalation 	<ul style="list-style-type: none"> Ground contamination 	None	3x=12: 3	<ul style="list-style-type: none"> Safe & proper use of hand tools Wearing required PPE practise of proper manual lifting of material 	2x2=4	1
5.2	Install vinyl floor tiles	<ul style="list-style-type: none"> Manual handling Chemical burns Fire Use of sharp knives 	<ul style="list-style-type: none"> Exposure to chemicals Dust exposure Ergonomical injuries 	None	None	3x3=9: 2	<ul style="list-style-type: none"> Work place to be well ventilated Required PPE to be used All waste packaging to be safety disposed Risk assessment and SWP to be done for works Works to be supervised 	2x2=4	1
5.3	Installing floor/wall tiles	<ul style="list-style-type: none"> Manual handling Use of hand tools Hand injuries Use of power tools-injuries Trips and falls 	<ul style="list-style-type: none"> Exposure to chemicals Dust exposure Ergonomical injuries 	<ul style="list-style-type: none"> Ground contamination 	None	3x3=9: 2	<ul style="list-style-type: none"> Work place to be well ventilated Required PPE to be used All waste packaging to be safety disposed Risk assessment and SWP to be done for works Works to be supervised 	2x2=4	1
MAIN ACTIVITY	Electrical Installation								

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
7.1	Electrical installation 2nd fix for distribution boards/ plug points and lighting	<ul style="list-style-type: none"> • Manual handling • User of hand tools-injuries • Use of power tools-electrocution • Fall from heights • Trips and falls 	<ul style="list-style-type: none"> • Dust exposure 			4x5=20: 4	<ul style="list-style-type: none"> • All power tools to be inspected before use • DSTI to be done • Risk assessment/SWP to be done and in file • All staff to have required PPE • All ladders to be inspected before use • All electrical works to be done by an accredited electrician • Isolation lock out procedures to be implemented 	3x3=9	2

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
7.2	Installation of air cons	<ul style="list-style-type: none"> • Manual handling • User of hand tools-injuries • Use of power tools-electrocution • Fall from heights • Trips and falls 	<ul style="list-style-type: none"> • Dust exposure 	None	None	4x4=16: 3	<ul style="list-style-type: none"> • All power tools to be inspected before use • DSTI to be done • Risk assessment/SWP to be done and in file • All staff to have required PPE • All ladders to be inspected before use • All electrical works to be done by an accredited electrician • Isolation lock out procedures to be implemented 	3x3=9	2

Construction of car park and walk ways									
MAIN ACTIVITY									
REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
8.1	Site levelling using excavator/ bob cat	<ul style="list-style-type: none"> • Trips and falls • Exposed survey pegs • Use of hand tools 	<ul style="list-style-type: none"> • Heat exposure • Noise exposure 	<ul style="list-style-type: none"> • Hydro carbon spills 	<ul style="list-style-type: none"> • Pedestrians exposed to machinery • Accidents 	4x5=20: 4	<ul style="list-style-type: none"> • Works to be supervised • Staff to use required PPE • Dust suppression to be maintained • Refuelling to be done in designated areas • Rebar caps to be fitted on exposed pegs • Risk assessments and SWP to be done for staff • All plant operators to be deemed competent • Flagman to be present on site 	3x3=9	2
8.2	Backfill and compaction of sub base	<ul style="list-style-type: none"> • Manual handling • Trips and falls • Use of mobile plant-accidents 	<ul style="list-style-type: none"> • Heat exhaustion • Dust exposure • Noise exposure 	<ul style="list-style-type: none"> • Hydro carbon spills 	<ul style="list-style-type: none"> • Pedestrians exposed to machinery • Accidents 	4x5=20: 4	<ul style="list-style-type: none"> • Works to be supervised • Staff to use required PPE • Dust suppression to be maintained • Refuelling to be done in designated areas • Rebar caps to be fitted on exposed pegs • Risk assessments and SWP to be done for staff • All plant operators to be deemed competent • Flagman to be present on site 	3x3=9	2

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
8.3	Laying of pavers for car park	<ul style="list-style-type: none"> Manual handling Injuries Use of hand tools Trips and falls 	<ul style="list-style-type: none"> Ergonomical injuries Dust exposure 	None	None	3x4=12: 3	<ul style="list-style-type: none"> All staff to have the required PPE Works to be supervised DSTI to be conducted Risk assessment SWP to be done Proper stacking and storage of bricks to be done 	2x3=6	2
8.4	Concreting of walkways/ driveway	<ul style="list-style-type: none"> Use of hand tools injuries Trips and falls Collapse of excavation side walls Contact with machinery 	<ul style="list-style-type: none"> Chemical burns from concrete Heat exhaustion Dust exposure 	<ul style="list-style-type: none"> Ground contamination 	<ul style="list-style-type: none"> Collision with pedestrians 	4x4=16: 3	<ul style="list-style-type: none"> DSTI to be done Flagman to direct all trucks to site All staff to have the required PPE when handling concrete Nil staff to be in foundation during discharge of concrete into excavation Delivery trucks to use designated access All spills to be cleaned and disposed 	3x2 =6	2

COVID 19									
MAIN ACTIVITY									
REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
12.1	Travel to site -Deliveries -Use of public transport	<ul style="list-style-type: none"> • Nil decontamination of public transport • Passengers in public transport not using face masks • Nil social distancing in public transport • Nil decontamination of supplies and deliveries 	<ul style="list-style-type: none"> • Staff contracting the virus during use of public transport • Staff contracting virus during handling of contaminated supplies 	None	None	4x5=20: 4	<ul style="list-style-type: none"> • All staff to ensure that they use a face mask and sanitise when using the public transport • Contractor could arrange for a dedicated transport for all staff to and from work. • Staff are not to use their work PPE when travelling on public transport. • All staff to follow decontamination procedures when entering work site 	3X3=9	2
12.2	Management to prepare site before construction works commence	<ul style="list-style-type: none"> • Nil decontamination of offices and facilities • Failure to align policies and procedures to COVID 19 virus 	<ul style="list-style-type: none"> • Returning staff not provided with COVID related PPE and disinfectants • Possible contamination to staff 		<ul style="list-style-type: none"> • Unauthorise persons entering site 	3x5=15: 3	<ul style="list-style-type: none"> • Management to ensure all offices, facilities are disinfected with proper disinfectants • Overgrown vegetation to be cut before any staff can return to site • Required COVID 19 PPE is to be purchased and made available for staff when project commences 	3x3=9	2

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
		<ul style="list-style-type: none"> • Failure to display related signage's for site access due to COVID virus. • Nil PPE and sanitisers(COVID related) for staff to return to work • Management not inducted/educate d on COVID 19 	<ul style="list-style-type: none"> • Staff returning to work are not educated on policy changes Management unable to provide correct information to staff on COVID 19 issues 				<ul style="list-style-type: none"> • Required access control signage's (COVID related) to be displayed at main entrance • Management to rearrange facilities area to ensure social distancing • Policies and procedures (COVID related) to be amended and approved before site can reopen. This is to be communicated to all staff • An induction program (COVID 19)is to be prepared which is to be communicated to all staff when project commences • Required sanitisers and disinfectants to be purchased and made available before project commences • Contractor to ensure required staff information form pertaining to COVID 19 is available which is to be filled out by each staff • Adequate hazardous waste bins to be made available on site 		
12.3	Entering of construction work site	<ul style="list-style-type: none"> • Staff fail to use required PPE 	<ul style="list-style-type: none"> • Staff may be infected with the virus 			4x5=20: 4	<ul style="list-style-type: none"> • All staff to follow the required social distancing when at main entrance 	3x3=9	2

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
		<ul style="list-style-type: none"> • Congestion of staff at main entrance to site • Failure of contractor to screen staff entering site • Staff not maintaining social distancing 	<ul style="list-style-type: none"> • Staff spreading of the virus to other staff 				<ul style="list-style-type: none"> • Due to lockdown, staff are to declare their movement, medical history during lockdown. These records are to be kept on site for record/tracing purposes • All staff are to be tested as per contractor's protocol to enter the site. Taking of staff temperature and desanitising of entire staff. An infrared thermometer is to be used. • Contractor to ensure all staff conducting the required testing is provided with the required PPE and is supervised by management. • Staff are not permitted to enter the site with their work PPE. Work PPE is to be left on site when leaving site to prevent possible contamination of work PPE • Any staff tested with a high temperature or signs of COVID is to follow the quarantine procedure until staff can be tested by the DOH for possible COVID 19 infection. 		

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
							<ul style="list-style-type: none"> Contractor to consider staggering the work hours to mitigate congestion at main entrance The potential infected staff is to be isolated away from staff and management is to inform the local clinic of potential infection. All staff medicals is to be reviewed. Staff with a history of respiratory illness or any illness that compromises the immunity system is not permitted to be on site. 		
12.4	Work tasks	<ul style="list-style-type: none"> Nil social distancing on site Staff socialising on site Staff not using their required PPE to prevent COVID infections 	<ul style="list-style-type: none"> Spreading of the virus to other staff Possible infections 		<ul style="list-style-type: none"> Possible closure of site due to infection 	4x5=20:4	<ul style="list-style-type: none"> Identified tasks are to be evaluated to encourage social distancing All staff to have the required PPE when on site Staff to decontaminate all tools and work space prior to any activity Monitoring to be done by management Inductions to be done for all staff on social distancing whilst at work. Failure of staff to comply with COVID control measures are to be removed off site. 	3x3=9	2

REF NO	SUB ACTIVITY	SAFETY RISKS	HEALTH RISK	ENVIRO MENTAL RISK	PUBLIC RISK	PURE RISK	RECOMMENDED RISK CONTROL MEASURE	RESIDUAL RISK	Risk Priority Number
12.5	Use of facilities during break intervals	<ul style="list-style-type: none"> • Nil social distancing • Nil hygiene been maintained at break intervals • Nil paper towel provided for staff at wash facilities • Lack of chairs for staff at facilities area 	<ul style="list-style-type: none"> • Possible contamination of staff • Staff not practising adequate hygiene control measures • Possible spread of virus • Inadequate provision of hand wash /sanitisers for staff 			4x5=20:4	<ul style="list-style-type: none"> • Breaks are to be staggered to allow social distancing of staff • All staff are to take their breaks at the identified facilities area • Layout of facilities area to be planned to encourage social distancing • Table and chairs to be disinfected before and after all break intervals • Toilets to be disinfected at frequent interval. • Adequate hand wash and sanitisers are to be provided for staff to frequently wash their hands • Paper towels to be provided for staff use • Labelled bins to be provided for all hazardous waste • Staff are not to share any meals or utensils • Staff are not to leave the site to purchase any meals 	3x3=9	2

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 20				
	TOTAL					
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					
5	FACILITIES					
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 Department: Health (KZN Department of Health: Province of KwaZulu-Natal)

Agreement: GCC FOR CONSTRUCTION WORKS - SECOND EDITION 2010

Works (description):

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

Site:

MEDIUM CLINIC

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

ENGEOLAB cc

Earth Science Consultants
Civil Engineering Soil Testing

Reg. No. 2002/014257/23
Vat Reg. No. 4710205925



WITBANK:
Posbus/P.O. Box 4177
Witbank 1035

MTUNZINI:
Posbus/P.O. Box 521
Mtunzini 3867

HILTON:
Posbus/P.O. Box 307
Hilton 3245

PAULPIETERSBURG:
Posbus/P.O. Box 672
Paulpietersburg 3180

Tel: (013) 656 0719

Fax: (013) 656 0737

E-mail: info@engeolabcc.co.za

Tel: (035) 340 1108

Fax: (035) 340 1484

E-mail: paul@engeolabcc.co.za

Tel: (033) 343 1226

Fax: (033) 343 1226

E-mail: jacques@engeolabcc.co.za

Tel: (082) 339 6111

Fax: (086) 512 8867

E-mail: mark@engeolabcc.co.za

VOLUME 1

REPORT ON THE GEOTECHNICAL INVESTIGATION AT MPAPHALA CINIC, ESHOWE FOR THE DEPARTMENT OF PUBLIC WORKS, NORTH COAST REGION



ENGEOLAB cc

Earth Science Consultants
Civil Engineering Soil Testing

Reg. No. 2002/014257/23
Vat Reg. No. 4710205925



WITBANK:
Posbus/P.O. Box 4177
Witbank 1035

MTUNZINI:
Posbus/P.O. Box 521
Mtunzini 3867

HILTON:
Posbus/P.O. Box 307
Hilton 3245

PAULPIETERSBURG:
Posbus/P.O. Box 672
Paulpietersburg 3180

Tel: (013) 656 0719

Fax: (013) 656 0737

E-mail: info@engeolabcc.co.za

Tel: (035) 340 1108

Fax: (035) 340 1484

E-mail: paul@engeolabcc.co.za

Tel: (033) 343 1226

Fax: (033) 343 1226

E-mail: jacques@engeolabcc.co.za

Tel: (082) 339 6111

Fax: (086) 512 8867

E-mail: mark@engeolabcc.co.za

PROJECT: LL1979

DATE: December 2012

P.G. Hansmeyer Pr. Sci. Nat., BSc. Eng. Geol. Hons.

5 December 2012

The Project Manager
Department of Public Works
North Coast Region

Your Reference: WIMS:052046

Our Reference : LL1979

Attention: Mr. E. Crafford *Pr.Eng.*

RE: GEOTECHNICAL INVESTIGATION AT THE MPAPHALA CLINIC SITE, ESHOWE, NORTH COAST REGION, KZN

Sir,

Attached please find herewith a report on the geotechnical investigation conducted at the Mpaphala Clinic site, Eshowe.

Attached also, is an account for services rendered.

Yours Faithfully,

P.G. Hansmeyer
Pr. Sci. Nat. BSc. Hons. Eng. Geol.



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VOLUME 1

A REPORT ON A GEOTECHNICAL INVESTIGATION AT THE MPAPHALA CLINIC SITE, ESHOWE, KZN

1. INTRODUCTION

Following an appointment by the Department of Public Works North Coast Region, under their reference WIMS:052046, dated 10 September 2012, a geotechnical investigation was conducted at the proposed Mpaphala Clinic site, located some 30km by road from Eshowe. The site investigated is indicated on the Locality Plan, Figure 1, in the beginning of the report.

1.1. Terms of Reference

The terms of reference were to conduct a geotechnical investigation to assess the founding conditions for the new medium size clinic and staff quarters. At the time of the field investigation which was conducted on the 12th of September 2012, the designs and the positions of the buildings had as yet not been finalised.

The soil samples were analysed and the geotechnical report's preliminary drawings were completed by the middle of November 2012. The architectural layout and preliminary engineering designs were approved on the 3rd of December 2012, followed by the geotechnical report which was completed on the 7th of December 2012.

The objectives of the geotechnical investigation were to:-

- i. Determine the site soils and geology and depth to bedrock where possible and noting outcrop if present;
- ii. Establish the soil and rock profiles across the site and evaluate their engineering properties;
- iii. Assess the groundwater conditions, including surface run-off, ponding and where possible, comment on the perched or permanent water tables;
- iv. Evaluate the workability of the site soils with regards to their excavatability and compactability;
- v. Provide comments on geotechnical aspects and / or mitigating solutions that could have an impact on the foundation designs.

The report and its appendices are presented as Volume 1 with Volume 2 containing the drawings.



1.2 Available Information

Information was obtained from the following sources:-

- i. Garmap SA Topographical and Recreation series map of the area;
- ii. 2831 CC topographical map, sheet 2831DB published in 1988 to a scale 1:50 000;
- iii. Dundee geological map, sheet 2830 published in 1988 to scale of 1:250 000;
- iv. Profiles of twelve test pits excavated on the site during the field investigation;
- v. Test results from twelve, up to 2m deep hand-held dynamic cone penetration tests (DCP's);
- vi. Soil laboratory test results comprising foundation indicators and compaction tests;
- vii. Satellite Images in digital format from Google Earth © 2012;
- viii. Digital data of the Site Plan layout by the Professional Land Surveyors KHM & Associates of Richards Bay in digital format.

1.3 Site Details

The site is located in the rural area of Mbongolwane with limited infra-structure. The rectangular 3.2ha site is located on an undeveloped piece of land – refer to the Site Plan, Figure 2. Most of the western boundary is formed by existing plots with the southern and northern sections comprising abandoned cane fields. A local soccer field forms part of the eastern boundary. A gravel track divides the site with the slightly smaller northern portion targeted as the development site. Mature Eucalyptus trees cover the western boundary and most of the site is covered by knee length grass. A perennial pan surrounded by hydrophilic plants and grasses is located some 40m to the north-east of the site. Foundations of an abandoned dwelling were encountered on the edge of the Eucalyptus trees in the southern portion of the site.

It is understood that the clinic as well as the staff quarters will be light single storey structures constructed on terraced sections of the site. Access to the fenced site will be via a security gate located in the centre of the southern boundary. The existing gravel track will be moved some 15m southwards to provide extra space for the development on the northern portion.

2. INVESTIGATION METHODOLOGY

2.1 Summary of Investigation Activities

The investigation methodology comprised the following:-

- i) Excavation of twelve test pits, followed by profiling, sampling, and backfilling of test pits – refer to Figure 2, the Site Plan and Appendix A.
- ii) Disturbed representative samples were submitted to Loma Lab CC, our associated soils laboratory in Witbank for the following tests:-
 - a. Foundation Indicators (11);
 - b. Compaction Tests (Modified AASHTO and CBR tests) (4);
 - c. Absolute relative density (ARDS) (5)

The soil laboratory test data is attached as Appendix B and the test data is summarized as Table A for convenience.

- iii) Two samples were submitted to the University of Pretoria's Faculty of Natural & Agricultural Sciences XRD & XRF Facility, Geology Department for qualitative and quantitative XRD analyses. The objectives of these tests were to determine the mineral composition of the soil samples taken from in situ decomposed amphibolites deeper than 1.0m. The test results are attached as Appendix C.

2.2 Dynamic Cone Penetration Tests (DCP)

Twelve 2m deep hand-held DCP tests were conducted adjacent to each of the test pits and numbered accordingly. The DCP test is done by driving a small 60° cone into the ground by means of an 8kg hammer that is dropped over a height of 575mm. The penetration is then measured after every five blows of the hammer. The DCP value is a crude approximation of the consistency and strength of the soil and the in situ inferred CBR values can also be obtained. The DCP data files are attached as Appendix D to the report and their positions are shown on Figure 2, the Site Plan.

As a conservative estimate, Terzaghi & Peck (1948) recommended that the allowable bearing capacity for shallow foundations $q = 10N$ with N being the SPT 'N' value. The DCP is regarded as being comparable with the SPT (Standard Penetration Test) after certain corrections (Terzaghi & Peck, 1967), for which N values have been correlated with soil consistencies for sands and clays. Hard impenetrable ground (often weathered bedrock) is assumed where refusal (>80 blows per 30cm penetration) of the probe occurs. A summary of the consistency related standard penetrometer and DCP values inclusive of the depth range, site DCP penetration in mm/blow (with particular reference to TP7) and estimated bearing capacity are summarized in Table 2.2.1 below.

**TABLE 2.2.1 Dynamic Penetration Tests related to consistency of clayey materials
(Partly after Terzaghi & Peck, 1967)**

CONSISTENCY	STANDARD PENETRATION TEST N (blows per 300mm)	DROPWEIGHT CONE PENETROMETER (mm per blow)	DEPTH RANGE (m)	AVERAGE SITE DCP VALUES (mm/blow)	AVERAGE N VALUE (DCP data)
Very soft	< 2	>110	n/a	n/a	n/a
Soft	2 – 4	55 – 110	n/a	n/a	n/a
Firm	4 – 8	30 – 55	Surface to 1.5	30	7
Stiff	8 – 12	15 – 30	1.5 -2.0	20	15
Very stiff	15 - 30	7 - 15	>2.0	n/a	n/a

Note that:-

- i) the predominantly clayey foundation materials exposed generally > 0.6m in the test pits may soften with time under very moist or saturated conditions and;
- ii) no seepage was encountered in any of the test pits;
- iii) although the consistencies vary somewhat, average depths are presented above;
- iv) the consistency of material > 2m were inferred from tactile and visual observations and ease/difficulty of excavation.

3. SITE SOILS AND GEOLOGY

The site is underlain by decomposed amphibolites of the Silambo Formation, Madadima Nappe of the Natal Structural and Metamorphic Province – refer to Figure 3, the Regional Geology. Amphibolite is a non-foliated metamorphic rock which forms through recrystallization under conditions of high viscosity and direct pressure.

The in situ decomposed amphibolite is sequentially overlain by a pebble marker followed by hillwash with a combined thickness of 0.6m – refer to Test Pit Profiles, Figure 4.

The generalised soil layers and bedrock sequences are tabled as follows:

Table 3.1 Generalised Soil and Bedrock Profiles

SOIL / BEDROCK	AVE. DEPTH* (m)	GEOTECHNICAL ASPECTS
Hillwash	Surface to 0.4m	Mainly firm, soft excavatable low to medium active clay.
Pebble Marker	0.4 – 0.6	Mainly firm, soft excavatable low to medium active clay.
Decomposed amphibolite	> 0.6	Mainly firm to stiff becoming stiff with depth, soft excavatable medium to very highly active clay.

* The depth range varies considerably on site

The mineral composition of the two representative undisturbed samples taken of the in situ decomposed amphibolite comprises quartz (70%) and to a lesser extent kaolinite (15 – 28%) with a small fraction of other minerals ie. goethite and hematite.

4. SEEPAGE AND SURFACE RUN-OFF

The terrain is located on the eastern slopes of a local hillock and is well drained. Most of the development site's surface run-off will be in an easterly direction towards the local soccer field with the southern portion draining southwards.

No seepage was encountered in any of the test pits and no ponding was observed, except for the perennial pan located to the north-east of the site.

5. PERMEABILITY OF SUBSOILS

The in situ amphibolite generally present below 0.6m and comprising products of decomposition such as fine grained inorganic kaolinitic clays with subordinate quartz, recorded an average estimated permeability of $K = 1.2E-06 \text{ cm/s}$, which reflects the poor in situ drainage conditions.

6. FOUNDATION ASSESSMENT

The soil profiles have been examined and tested to determine their suitability as founding horizons according to the following criteria:-

- Strength and bearing capacities of the founding materials determined from estimated field consistencies and tabulated values;
- Compressibility of the founding materials expressed in terms of their consistencies;
- Potential heave in the cover and residual soils;
- Predicted settlement/heave from the above factors;
- Excavatability and compactability.

These criteria are discussed in more detail below.

6.1 Estimated Allowable Bearing Capacity

The site is blanketed by transported soils – that is hillwash and a pebble marker overlying residual soils derived from in situ decomposed amphibolite. The presumed bearing capacities are provided in the table on the following page, based on in situ test pit profile observations and DCP derived consistencies compared with tabled values – see Appendix E.



TABLE 6.1.1 Estimated Bearing Capacity

SOIL/ROCK DESCRIPTION	DEPTH RANGE (m)*	AVERAGE N-VALUE	**ESTIMATED BEARING VALUES (kPa)
Hillwash & pebble marker	Surface to 0.6	7	75
Amphibolite residuum	0.6 – 2.0	15	150

- ** Estimated allowable bearing capacity inferred from DCP N-value, correlated with tabulated values attached as Appendix E;

The estimated allowable bearing capacity of a soil material is a function of the angle of internal friction (reflected in the grading), consistency/cohesion (reflected in the soil grading and density) and degree of saturation (moisture content). In rock the bearing capacity is a function of its degree of weathering (hardness) and joint intensity (number of sets, condition, fill etc). Since the shear strength properties of all the horizons were not determined in the laboratory, the presumed bearing values provided in Table 5.1.1 above are based on material properties and experience and values from published charts and tables.

Note 1: The presumed bearing values given in the table above are only a preliminary guide to the pressures that can be placed on the soils and weathered rocks particular to this site without shear failure, and as such are not an indicator of the possible settlement that may occur at foundation pressures up to the bearing capacity of the soil – discussed below.

Note 2: The presumed bearing values tabulated above do not include factors of safety, as they are typical tabulated bearing values. Tables of presumed bearing pressure generally provide for between 25 and 50mm settlement, however the design bearing pressures and tolerable settlements specific to the actual structure need to be factored in to obtain the appropriate estimate of allowable bearing capacity.

Note 3: The presumed bearing values given above are based on the materials exposed in situ in the test pits and ignore any improvement, which may be obtained by compacting, or treating the site soils – discussed below.

6.2 Estimated Compressibility and Settlement

The results of the visual assessment of the soil consistency together with the field and laboratory tests have been interpreted into the compressibility descriptions, represented by the foundation rating given in Table 5.2.1 below.

TABLE 6.2.1: Estimated Compressibility

MATERIAL DESCRIPTION	AVERAGE DEPTH (m)	CONSISTENCY	FOUNDATION RATING (at 150kPa)	ESTIMATED SETTLEMENT (mm)
Hillwash & pebble marker	0.6	Firm	Fair	n/a
Amphibolite residuum	0.6 – 2.0	Stiff	Fair	25

* *Foundation rating scale for footings located on or in the respective soil/rock horizons:*

Very Poor	Insufficient bearing capacity and excessive settlement (>25mm)
Poor	Marginal bearing capacity, but excessive settlement (>25mm)
Fair	Adequate bearing capacity, but moderate to high settlement (15-25mm)
Good	Adequate bearing capacity and manageable settlement (5-15mm)
Very Good	Adequate bearing capacity and negligible settlement (<5mm)



The tabulated bearing capacity values for firm to stiff amphibolite residuum present from an average depth of 0.6m indicate an allowable bearing capacity of 150KPa for some 25mm settlement – refer to Chart 5, Settlement Summary of Tested Soil Properties, Appendix E.

6.3 Active Clays

The active clay horizons extend from 0.6m below surface to 2.0m and deeper and include low, medium and highly active kaolinitic clays with subordinate quartz derived from in situ decomposed amphibolite.

The predicted heave at surface ranges from Savage’s K-value of 31mm, Bandyopadhyay’s 22mm, Weston’s 11mm and Vijayvergiya’s maximum of 34mm. The average total predicted heave of 25mm classifies the heave profile as ‘H2’ in terms of the NHBRC’s site class requirements, requiring major modifications to conventional designs – refer to Charts 4a and 4b, Appendix E. The following general observations are also made:-

- Structural distress results from differential movements, not absolute movement;
- Beware of tree removal and high transpiration trees too close to the building as this has a major influence on the moisture regime;
- Heaving of expansive clays results from changes in moisture content of the soil substrate – avoid building in periods of excessive dryness or wetness;
- Try to maintain constant moisture content during construction;
- Use flexible service connections;
- Lightly loaded buildings are most susceptible to damage - if possible; concentrate bearing loads to counteract swelling pressures. This observation is tempered by the warning that on site, too much load will result in settlement in the soft clays;
- Reinforced slab-on-the-ground, or cellular rafts have performed adequately in expansive clay conditions, however complex designs using different foundation systems and irregular shapes should be avoided, failing which rectangular slabs should be separated using expansion joints;
- Design should be on the basis of ‘informed consent’, namely the owner must be aware of the potential heaving problems, but must agree with the Engineer and /Architect on an economic design.

7. WORKABILITY OF SITE MATERIALS

7.1 Excavation Characteristics

The TLB could excavate to a maximum depth of 3.0m through the hillwash, pebble marker and in situ decomposed amphibolite. No bedrock was encountered and foundation and service trench excavations should hence be managed quite efficiently with a TLB. Excavatability of the site soils is classified according to SABS 1083 and is summarized below.

TABLE 7.1.1 Excavation Class

SOIL/ROCK DESCRIPTION	DEPTH RANGE (m)	CONSISTENCY/ BEDROCK HARDNESS	EXCAVATABILITY SABS 1083	PROPOSED EXCAVATION METHOD
Hillwash, pebble marker and amphibolites residuum	Surface to 3.0	Mainly firm to 1.5 becoming stiff	Mainly soft	Hand & TLB



7.2 **Compaction Characteristics**

Four disturbed samples representing a range of the dominant soil types identified on the site – that is hillwash, pebble marker and amphibolite residuum – were sampled and submitted for compaction tests and gradings – refer to the laboratory test results attached as Appendix B and Table A, the summary. The sample depth, origin, material type and pavement construction material classes are summarized in Table 6.2.1 below.

The cover soils – that is the hillwash and pebble marker and underlying amphibolite residuum respectively comply with the operational requirements of pavement construction materials as tabulated below.

Table 7.2.1: Summary of Compaction Data

DEPTH RANGE (m)	ORIGIN	MATERIAL TYPE	G CLASS
Surface – 0.6	Hillwash & pebble marker	Poorly graded, gravel-clay-sand mix	G9, G10
> 0.6	amphibolite residuum	Inorganic clays and poorly graded gravel-sand-clay mixtures	G10, spoil

8. CONCLUSIONS AND RECOMMENDATIONS

8.1 **General Site Conditions and Geotechnical Constraints**

The inorganic clays of low, medium and high plasticity associated with the in situ decomposed amphibolite are blanketed by cover soils comprising hillwash and a pebble marker. The consistencies of the cover soils and in situ materials were inferred from DCP data indicating firm material to 1.5m underlain by stiff residuum to at least 2.0m.

Seepage is seemingly absent, the site is well drained and surface run-off drains down-slope towards a soccer field in the east and abandoned sugar cane fields in the south.

The cover soils to 0.6m are generally low active followed by medium active amphibolite residuum – the most likely foundation material. Some variations of activity were recorded and high to very high active residuum were recorded on occasion – see TP1, TP8 and TP10. Settlement and heave are about the same and ranging between 20 – 25mm. The average total predicted heave of 25mm classifies the heave profile as ‘H2’ in terms of the NHBRC’s site class requirements.

The site soils are soft excavatable, are typically low permeable and have a safe bearing capacity of 150KPa, comprising mainly G9 and G10 class pavement construction materials. Material suitable as spoil only was also recorded – refer to Figure 4, Profiles and Table A, Summary of Soil Test Data.

8.2 **Recommendations**

The NHBRC site class profile of H2 requires modifications to conventional designs and the following structural solutions may be considered :- i) split construction, ii) stiffened or a cellular raft, iii) an engineered fill or:- iv) piled construction.

In our opinion, the most practical solution would be an engineered fill where the in situ material is removed to 1.0m beyond the perimeter of the building and to a depth of at least 1.2m from beneath the floors, followed by saturation and compaction of the material in the

base of the excavation. Import the excavated material mixed with 2% lime in lifts of 150mm and compact to 95% of Modified AASHTO density at optimum moisture content. Light reinforcement, brickforce and steel mesh in floor slabs apply. Good site drainage and water ingress prevention methods should also be implemented.

The road bed profile comprises mainly clayey gravels and poorly graded gravel-sand-clay mixes up to 0.6m thick underlain by inorganic clays of low, medium to high plasticity. The cover soils comply with the operational requirements of G9 and G10 class pavement construction materials with the clayey subsoils complying only with G10 or spoil. Chemical stabilization by means of small quantities of lime or cement will lower the plasticity significantly and add strength to the layerworks. Better quality material for base course layers will have to be imported from elsewhere.

The subsoils are low permeable and not suitable for soak-aways and alternative means of the disposal of the effluent/sewerage will have to be investigated.

9. GENERAL

Every effort was made during the site survey and investigation to ensure that generally accepted practices of our profession were used in the sub-surface evaluation of the site, and that the sampling and testing was representative of the soil/rock conditions observed on-site. However it is impossible under the constraints of a restricted investigation of this nature to guarantee that zones of poorer geological materials were not identified that could have a significant bearing on the outcomes of this investigation. The investigation has therefore attempted, through interpolation and extrapolation at known test locations, to identify problem issues of a geotechnical nature on which this report is based. Variances in soil and rock quality and quantity from those predicted may be encountered during construction and these should be recorded, however no warranty against these variations is expressed or implied, due to the geological changes that can occur over time due to natural processes, or human activity.

P.G. HANSMEYER *Pr.Sci.Nat*

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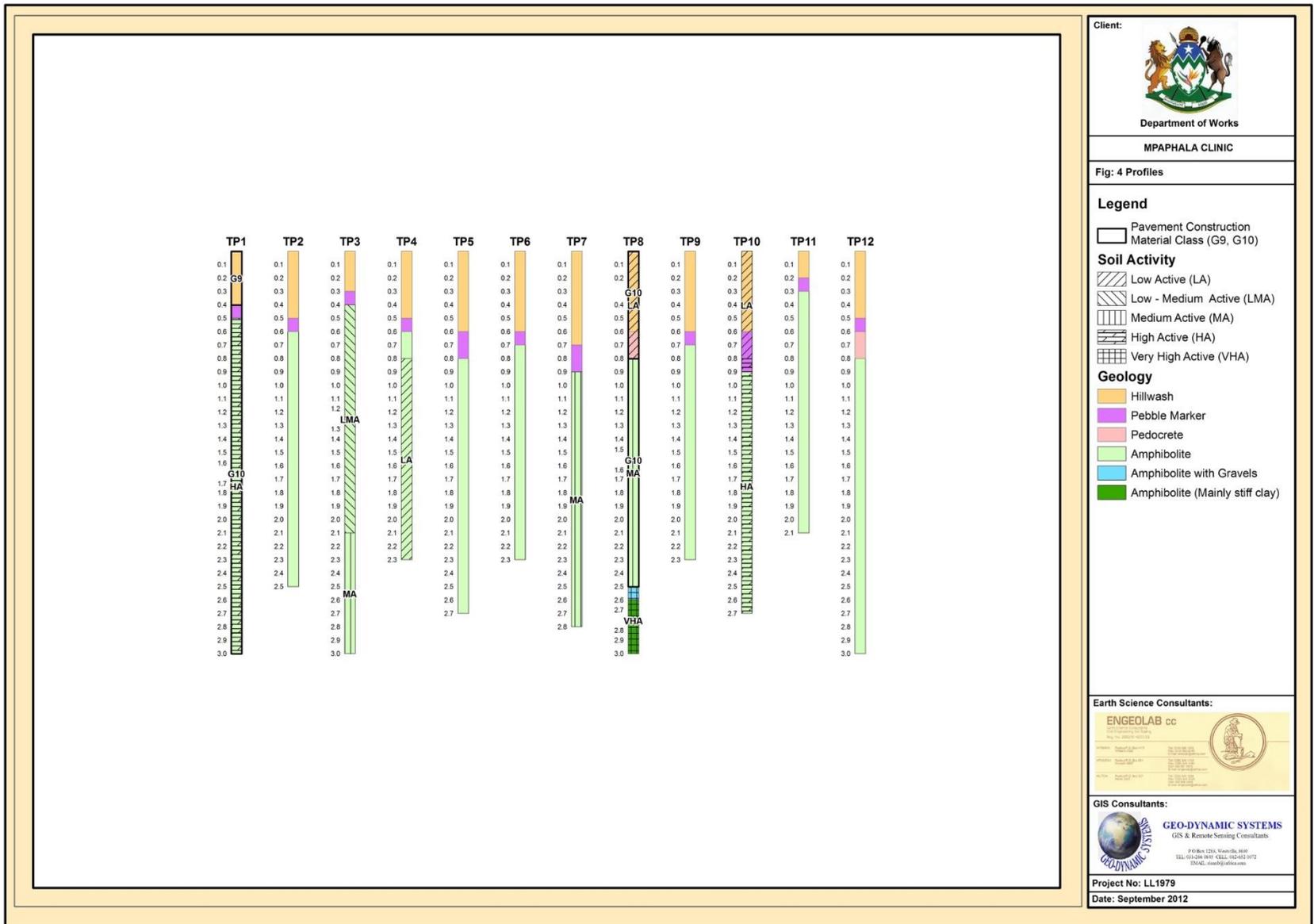
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APPENDIX A

SOIL PROFILES





APPENDIX B

LABORATORY TEST RESULTS

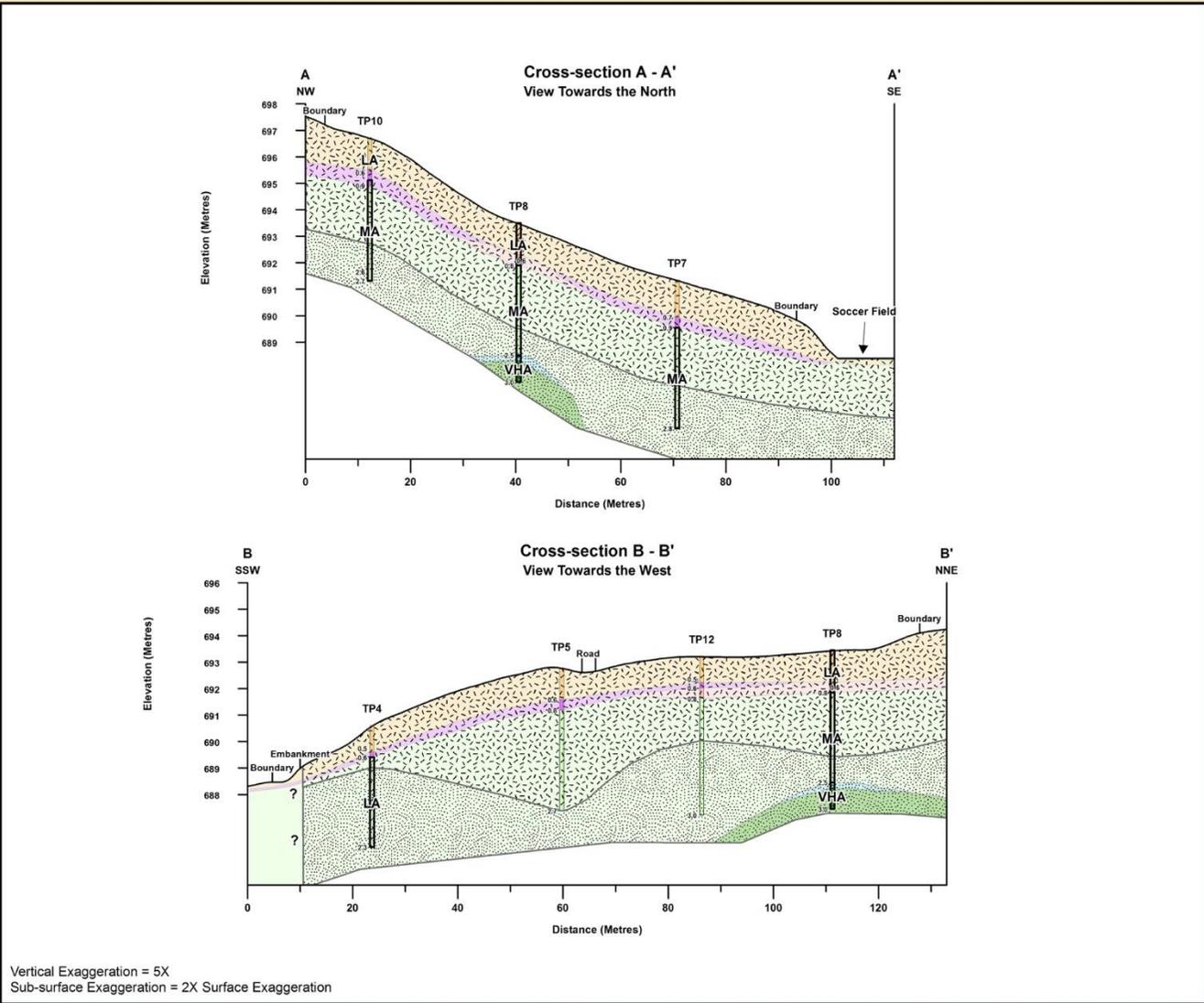


APPENDIX C

DCP TEST RESULTS

APPENDIX D
CHART 1 –
TYPICAL STANDARD SOIL STRENGTH CHARACTERISTICS





Client:



Department of Works
MPAPHALA CLINIC

Fig: 5 Cross-sections A-A', B-B'

Legend

Soil Activity

- Low Active (LA)
- Low - Medium Active (LMA)
- Medium Active (MA)
- High Active (HA)
- Very High Active (VHA)

Consistency Inferred from DCP Data and Profiling

- Medium Dense/Firm
- Dense/Stiff

Geology

- Hillwash
- Pebble Marker
- Pedocrete
- Amphibolite
- Amphibolite with Gravels
- Amphibolite (Mainly stiff clay)

Earth Science Consultants:

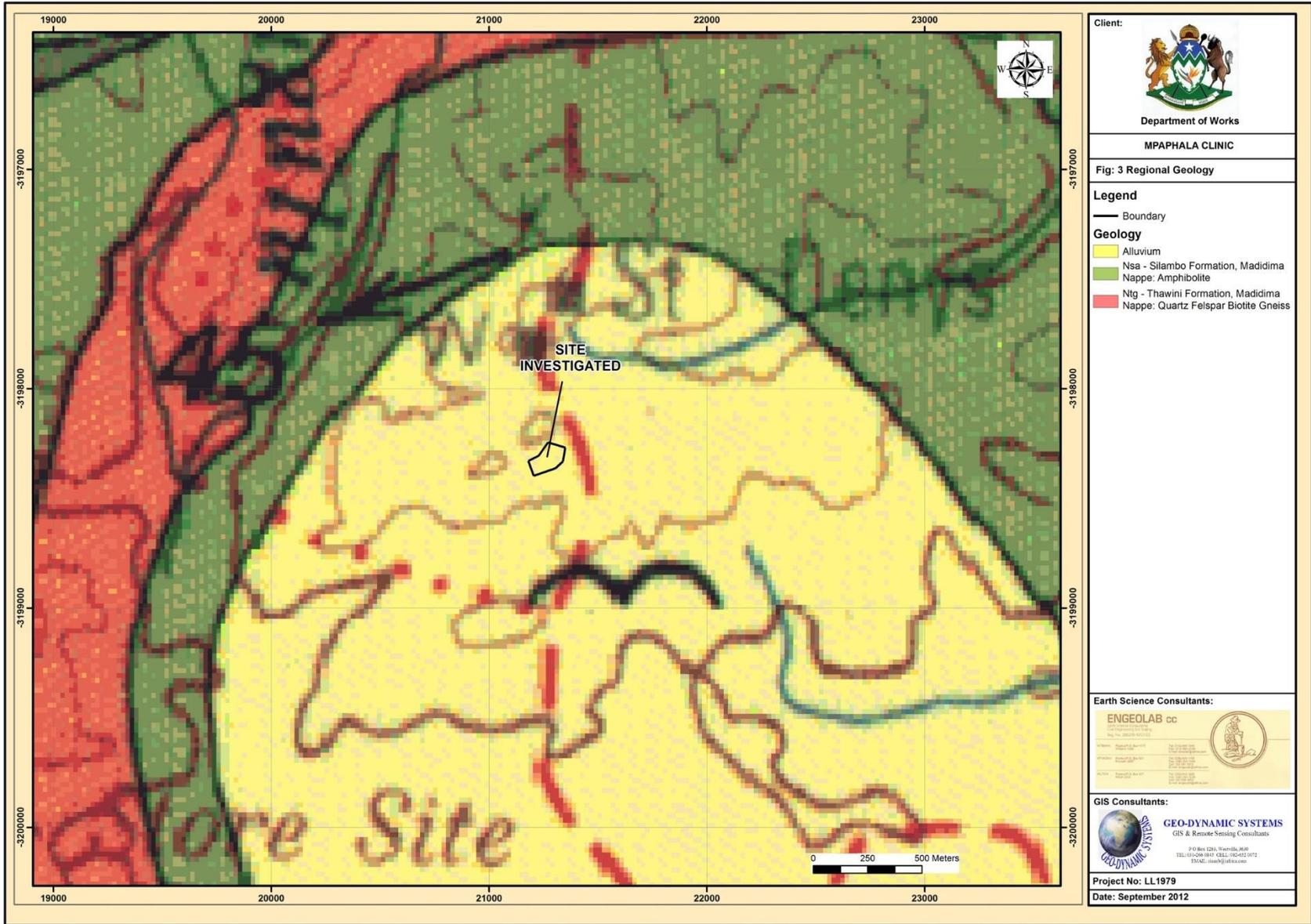


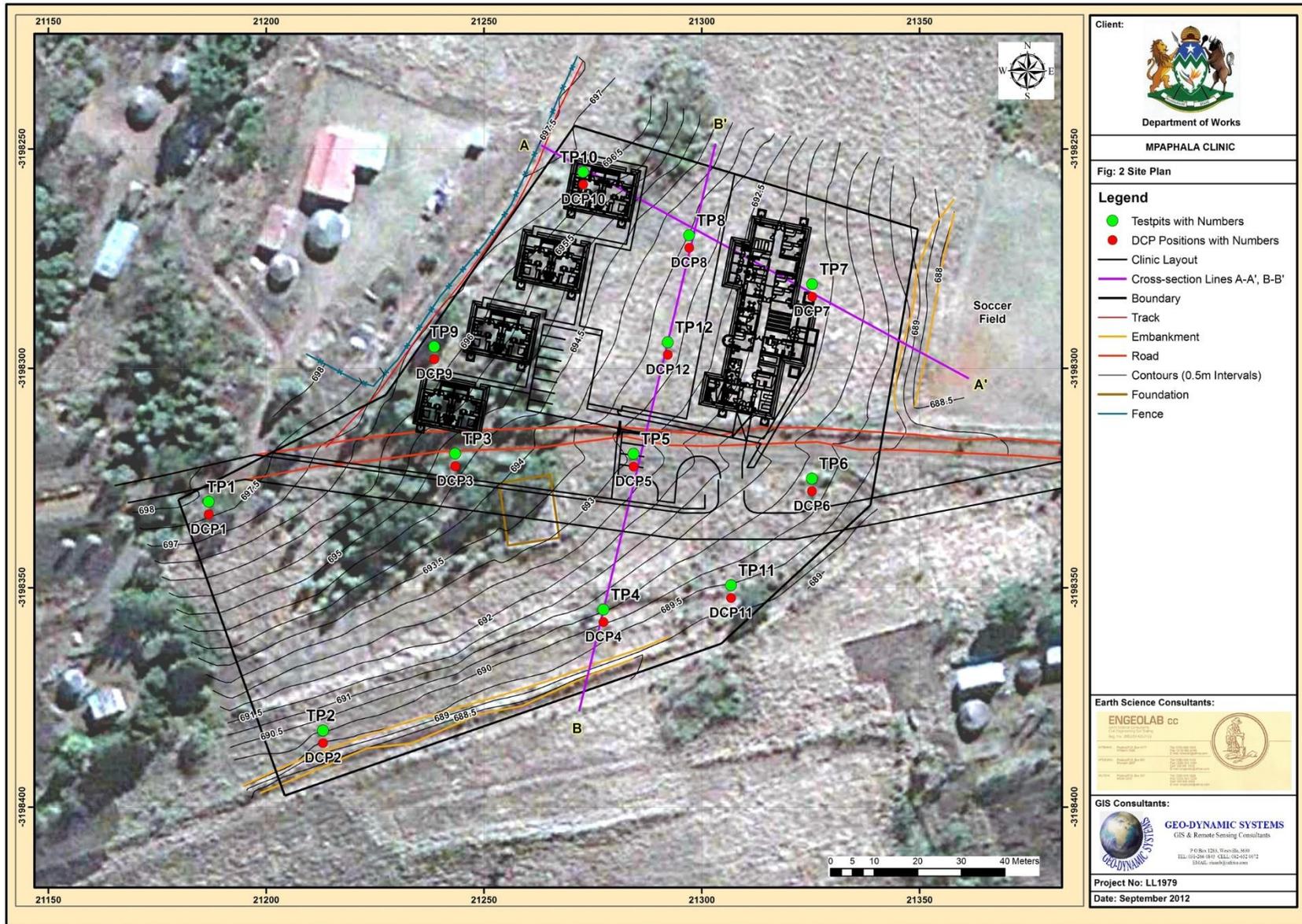
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Project No: LL1979
Date: September 2012







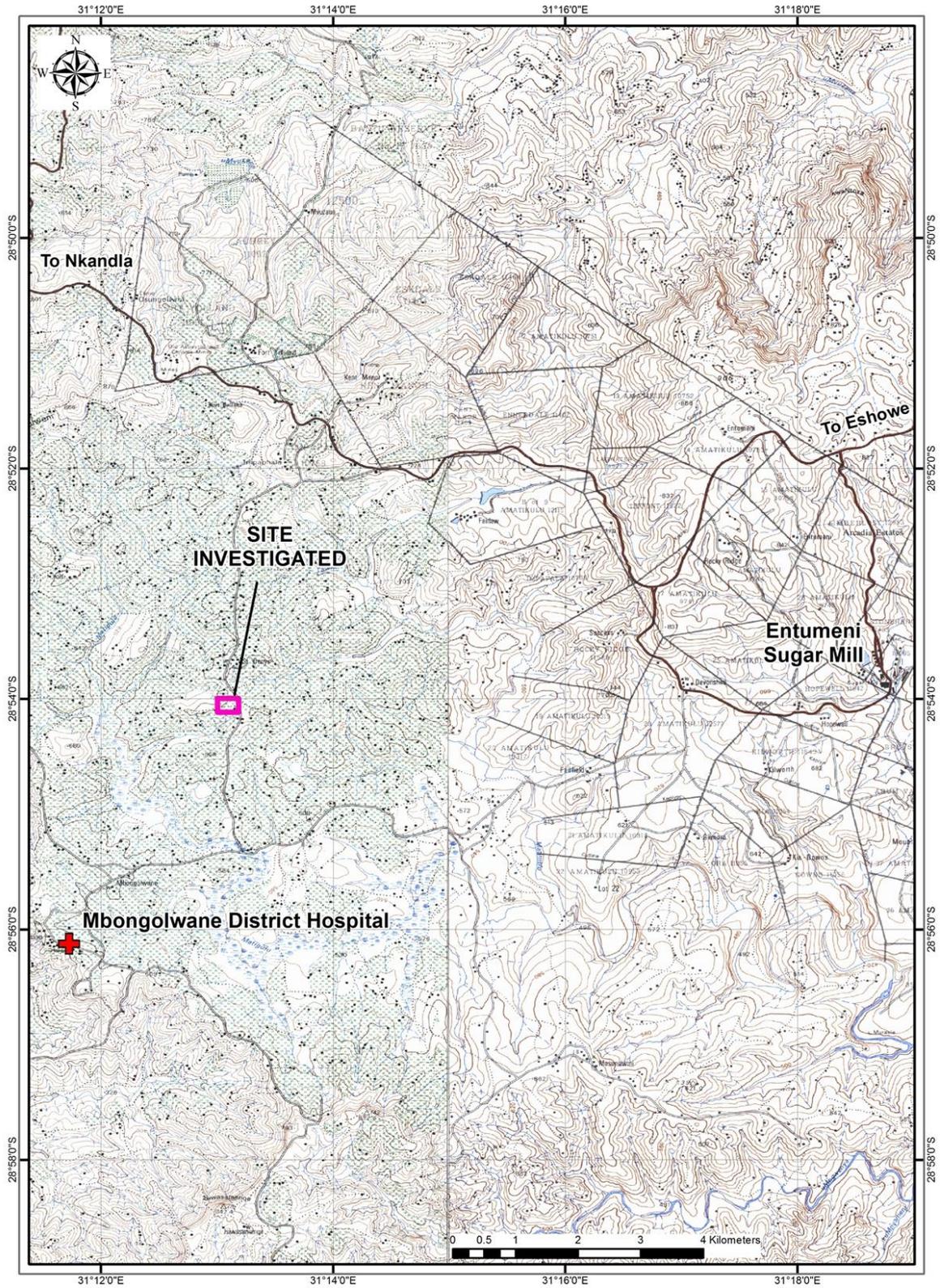
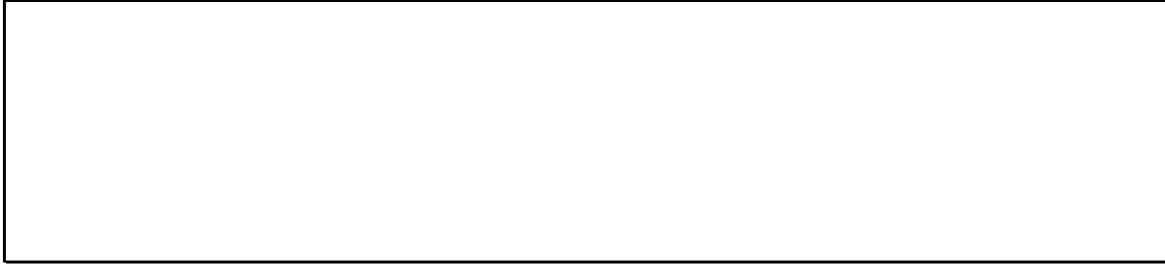


Figure 1. Locality Plan





(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

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 Public Works
“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.

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

- (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 Insurance Act

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 work 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 hours.
- (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 contract.
- (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 11.05.02 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:	CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC		
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 Health 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	
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:
 - a) the average worker completes 5 tasks per week in 40 hours or less; and
 - b) 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-intensive
 - a) where the head of the household has less than a primary school education;
 - b) that have less than one full time person earning an income;
 - c) where subsistence-agriculture is the source of income.
 - d) 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:
 - a) 55% women;
 - b) 55% youth who are between the ages of 18 and 35; and
 - c) 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 Health (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.



EXPANDED PUBLIC WORKS PROGRAMME

The Attendance Register for on-site Workers

Reporting month: _____
Surname: _____

Cell No: _____
First Name: _____

Project Name: **CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC**

Project Code: **N/A**

Tender No **ZNB 5499/2023-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						
Total Days worked						

KZN DEPARTMENT OF HEALTH
Monthly Data collection for LOCAL Labour



Name of Contractor: _____

Project Code: _____ - _____

Project location name (area): _____

Name of Project: _____

CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC

Reporting month: _____

Project location (Ward No.): _____

Beneficiary Details														Experience/Literacy				Location Details			Household Details										
No	First Name	Initial	Surname	ID number						D.O.B	Gender F/M	Disability Y/N	Start Date on the current month	End Date on the current month	Total days worked	Job description	Registered on UIF (Y/N)	Registered with COVIDA (Y/N)	Are you receiving any Gov grant? (Y/N)	1st Language	Other Language 1	Other Language 2	Education Level (See Codes below)	Highest Level of Education	Address	Ward No.	Cell No.	Nationality	No. of people in Household	No. of Dependents in Household	No. of Children attending school
1																															
2																															
3																															
4																															
5																															
6																															
7																															
8																															
9																															
10																															

- Education Levels – use the codes (1,2,3) on the excel spreadsheet
- o (1) Unknown (3) Grade 1-3 (Sub A – Std 1) (5) Grade 5-6 (Std 3-4) ABET 2 (7) Grade 9 (Std 7) ABET 4 (9) Grade 12 (Std 10)
- o (2) No Scf (4) Grade 4 (Std 2) ABET 1 (6) Grade 7-8 (Std 5-6) ABET 3 (8) Grade 10-11 (Std 8-9) (10) Post Matric

Contractor sign: _____
Designation: _____
Date: _____
Contact no: _____

DPW Official/Consultant sign: _____
Designation: _____
Date: _____
Contact no: _____

EPWP Official sign: _____
Designation: _____
Date: _____
Contact no: _____

KZN DEPARTMENT OF HEALTH



Worker payment capture form for LOCAL Labour

Name of Contractor: _____

Project Code: _____ -

Name of Project: **CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC**

Reporting month: _____

Payment Upload

No.	First Name	Initials	Surname	Identity No.	D.O.B	Job Description	Daily Wage Rate	Total Paid Days	Total Amount Paid	Total days Worked Days
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

Contractor sign: _____
Designation: _____
Date: _____
Contact no: _____

DPW Official/Consultant sign: _____
Designation: _____
Date: _____
Contact no: _____

EPWP Official sign: _____
Designation: _____
Date: _____
Contact no: _____

KZN DEPARTMENT OF HEALTH

Worker Training capture form for LOCAL Labour



Name of Contractor: _____
Name of Project: **CONSTRUCTION OF NEW MEDIUM SIZE CLINIC - MPHAPALA CLINIC**

Project Code: _____ -

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: _____