



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF

PUBLIC WORKS, ROADS & INFRASTRUCTURE

TENDER NUMBER: LDPWRI- C/20427

**APPOINTMENT OF CONTRACTOR FOR THE MADZIVHANDILA
COLLEGE OF AGRICULTURE SECURITY UPGRADE – PHASE 1 (MAIN
GATE BUILDING)
ON BEHALF OF THE LIMPOPO DEPARTMENT OF AGRICULTURE AND
RURAL DEVELOPMENT**

For the

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE

**THROUGH THE FRAMEWORK CONTRACT CATEGORY C
(4GB)**

Issued by:

Limpopo Department of Public Works, Roads and Infrastructure
Works Towers Building
43 Church Street
Polokwane
0700

Contact Person: General Queries

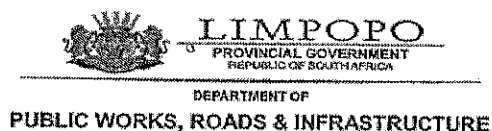
Name : Mr NN Mathako
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Technical: Technical Queries

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Name of the Tenderer:.....





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PART T1: TENDERING PROCEDURE

T1.1 Tender Notice and Invitation to Tender

The Limpopo Department of Public Works, Roads and Infrastructure invites tenderers from contractors appointed on the framework agreement on **Category C** for the **MADZIVHANDILA COLLEGE OF AGRICULTURE SECURITY UPGRADE – PHASE 1 (MAIN GATE BUILDING)**. It is estimated that tenderers must have a CIDB contractor grading designation of **4GB**.

Tenderers who can demonstrate that they will have in their employ staff which satisfy EPWP requirements during the contract validity (as set out in section C3.2 of the document) are eligible to submit tenders. **The minimum number of EPWP work opportunities expected from this project is 6.**

The conditions of the CIDB Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts **Gazette Notice No. 36190 of 25 February 2013** will be applicable on this project.

Project Name	TENDER NO.: LDPWRI-20427 – APPOINTMENT OF A CONTRACTOR FOR MADZIVHANDILA COLLEGE OF AGRICULTURE SECURITY UPGRADE – PHASE 1 (MAIN GATE BUILDING) for a period of 9 months.		
Tender Number	LDPWRI- B/20427		
Tender documents availability	Limpopo Department of Public Works, Roads and Infrastructure website		
Address for submission of tenders	DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE. Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699. NOTE: Tenderers must submit both the physical printed tender document as well as a softcopy in a USB in the same envelope.		
Closing date of the tender	As per Tender invite		
Closing time of the tender	As per Tender invite		
Compulsory briefing meeting (<i>Tenderers must sign the attendance register in the name of the tendering entity. Addenda (if any) will be issued only to those tendering entities appearing on the attendance register</i>)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
	Meeting venue	N/A	
	Date	N/A	
	Time:	N/A	
Evaluation criteria	<ol style="list-style-type: none"> 1. Compliance with mandatory or compulsory requirements 2. Risk assessment on current projects 3. Price 4. Specific Goals 		
Mandatory or Compulsory Requirements (<i>failure to submit or comply with these requirements will lead to automatic disqualification</i>)	<p>Only tenderers who are appointed on Category C of the Limpopo Department of Public Works Roads and infrastructure Framework Agreement for contractors registered with the Construction Industry Development Board (CIDB) with designation of 4 GB 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 are eligible to have their tenders evaluated</p> <p>Fully completed and signed Form of Offer</p>		

T1.2 Tender Data

Clause number	Tender Data
	<p>The conditions of tender are the Standard Conditions of Tender as contained in Annex C of Board Notice 423 of 2019 in Government Gazette No. 42622 of 08 August 2019, Construction Industry Development Board (CIDB) Standard for Uniformity in Construction Procurement. (See www.cidb.org.za) which are reproduced without amendment or alteration for the convenience of tenderers as an Annex to this Tender Data.</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. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.</p> <p>The contractor shall achieve in the performance of the contract the Contract Participation Goals (CPG) relating to the engagement of targeted enterprises as established in the CIDB Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts Gazette Notice No. 36190 of 25 February 2013. In this case, contractor shall provide a minimum Contract Participation Goal (CPG) of 5% of the total project value and develop targeted enterprises stated under C3 of this document.</p> <p>The following variations, amendments and additions to the Standard Conditions of Tender as set out in the Tender Data below shall apply to this tender. Add the following to clauses in Standard Conditions of Tender:</p>
C.1.1	The Employer is the Department of Public Works, Roads and Infrastructure
C.1.2	<p>The Tender Part T1: Tendering procedures T1.1 Tender notice and invitation to tender T1.2 Tender data</p> <p>Part T2: Returnable documents T2.1 List of returnable documents T2.2 Returnable schedules</p> <p>The Contract Part C1: Agreements and contract data C1.1 Form of offer and acceptance C1.2 Contract data C1.3 Joint Venture Agreement (If Applicable)</p> <p>The Contract Part C2: Pricing data C2.1 Pricing instructions C2.2 Bills of Quantities</p> <p>Part 3: Scope of work C3.1 Special Notes to Tenderers</p>

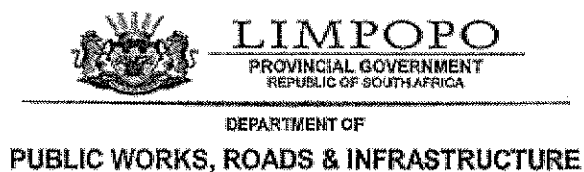
C.1.4	<p>All communications related to this tender should be directed to the persons indicated under Enquires on this tender document.</p> <p>Attention is also drawn to the fact that verbal information, given by the Employer's agent during site visits/clarification meetings or at any other time prior to the award of the Contract, will not be regarded as binding on the Employer. Only information issued formally by the Employer in writing to tenderers will be regarded as amending the Tender Documents.</p>
C.1.5	The employer reserve to cancel the tender prior to the award of the tender.
C.2.1	<p>Eligibility in respect of CIDB grading</p> <p>Only tenderers who are appointed on framework agreement Category C and registered with the Construction Industry Development Board (CIDB) with designation of 4GB 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, are eligible to have their tenders evaluated.</p>
C.2.2	<p>Cost of tendering</p> <p>The tenderer 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</p>
C.2.7	<p>Compulsory site briefing</p> <p>A compulsory briefing meeting will NOT be held.</p>
C.2.11	<p>Alterations to the documents</p> <p>Tenderers are required to 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</p>
C.2.12	<p>Alternative tender offer</p> <p>No alternative tender offer is permitted in this tender.</p>
C.2.13.2	<p>Replace sub-clause C.2.13.2 with the following; Return all returnable documents to the employer after completing them in their entirety by writing in non-erasable black ink</p>
C.2.13.3	Parts of each tender offer communicated on paper shall be submitted as an original
C.2.13.4	The tender shall be signed by a person duly authorized to do so.
C.2.13.5	<p>The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are:</p> <p>Location of tender box: DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE. Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699 Identification details: Sealed Tender with Tender reference number, Title of Tender and the closing date and time of the tender.</p> <p>NOTE: Tenderers must submit both the physical printed tender document as well as a softcopy in a USB in the same envelope.</p>
C.2.15.1	The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender. Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.

C.2.16.1	The tender offer validity period is 16 weeks or 120 days .
C.2.16.2	The tender accepts that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period stated in C.2.16 lapses before the employer-evaluating tender, the contractor reserves the right to review the price based on Consumer Price Index (CPI).
C.3.1	<p>The tenderer is required to indicate how they claim points for each preference point system and attached relevant supporting documents. The specific goals for claiming of preference points include the following:</p> <ul style="list-style-type: none"> - Persons who had no franchise in national elections prior to 1983 and 1993 - Attach Directors 's certified copy of South African ID & CK - Promotion of Women owned enterprises - Attach Director's certified copy of South African ID & CK - Disabled persons - Attach letter/medical certificate from Healthcare Professional - Promotion of SMMEs - Attach latest Financial Statement - Enterprise located in Limpopo Province - Attach proof of Enterprise Address/Lease agreement - Promotion of youth - Attach Directors 's certified copy of South African ID - South African owned enterprises - Attach Directors 's certified copy of South African ID & CK <p>NOTE: The means of verification as indicated in bold above MUST BE SUBMITTED in order for the claimed points to be awarded.</p>
	<p>CIDB Grading Certificate</p> <p>Tenders are required to provide proof of registration with the CIDB register of contractors indicating the category of registration, grading as well as the CRS number of the tenderer.</p> <p>Letter of Good Standing</p> <p>Tender are required to submit, bound with the tender submission, a letter of good from the Compensation commissioner indicating that the tenderer is in good standing.</p>
C3.2	Notwithstanding any requests for confirmation of receipt of Addenda issued, the tenderer shall be deemed to have received such addenda if the employer can show proof of transmission thereof (or a notice in respect thereof) via electronic mail, facsimile or registered post.
C.3.2.1	Tenders will not be opened immediately after the closing time for tenders.

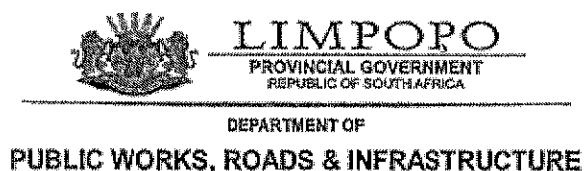
C.3.2.2	<p>The tenderers will be evaluated in 2 stages</p> <ul style="list-style-type: none"> (i) Stage 1: Compliance with mandatory requirements as stated in Part T1.1, and : Risk assessment on current projects (ii) Stage 2: Price and Specific Goals <p>The technical capacity (functionality) of the contractors will not be evaluated any further during evaluation of the RFQ. However, the contractors will be required to declare the status of their key staff and any administrative compliance. In cases where there are changes in the key staff, the contractor should provide CVs and qualifications of the new staff to LDPWR&I. The new staff should have similar skills, qualifications and experience as the staff submitted during tender. Similarly, the contractors will be expected to provide an update on any changes in their administrative compliances – and should submit the required SBD document in such cases.</p> <p>The award will only be issued to contractors with valid Tax Clearance certificates, active CIDB grading and the contractor who meets all the legislative requirement – this shall be verified by SCM in line with the departmental SCM Policy.</p> <p>The total value of current projects for a contractor under consideration cannot exceed the twice the maximum value of their relevant CIDB grade.</p> <p>a) Stage 1: Administrative Compliance: The Compliance or compulsory documents and returnable are detailed in Section T.2.1 of this tender document. Failure to submit, complete or comply with these requirements will lead to automatic disqualification.</p> <p>Risk assessment on current projects: The total value of current projects for a contractor under consideration cannot exceed the twice the maximum value of their relevant CIDB grade.</p> <p>b) Stage 2: Price and Preference:</p> <p>The procedure for final evaluation of responsive tenders is Method 2 (Financial offer and preference). The total number of tender evaluation points (T_{EV}) shall be determined in accordance with the following formula.</p> $T_{EV} = N_{FO} + N_P$ <p>N_{FO} is the number of tender evaluation points awarded for the financial offer made. The score for financial offer is calculated using the following formula:</p> $P = A * \left(1 - \frac{(P_o - P_m)}{P_m} \right)$ <p>Where:</p> <p>A is 80 since the estimated financial value of works inclusive of VAT is equals or is less than R 50,000,000.00.</p> <p>P is the points awarded to the tender under consideration</p> <p>P_m is the lowest Comparative tender price</p> <p>P_o is the comparative price under consideration</p> <p>N_P is the number of tender evaluation points awarded for preferences claimed in accordance with the Preferencing Schedule in 3.18</p>
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**TENDER NO.: LDPWRI-20427 – APPOINTMENT OF A CONTRACTOR FOR MADZIVHANDILA COLLEGE OF AGRICULTURE
SECURITY UPGRADE – PHASE 1 (MAIN GATE BUILDING)**

Proof of Availability of Staff with Labour Intensive Competencies	Only those tenderers who can demonstrate that they will have in their employ management and supervisory staff satisfying the requirement of the scope of work for labour-intensive competencies for supervisory and management staff during the validity of the contract are eligible to submit tenders. Refer to section C3.2 and C4 of this document.
Requirement for submission of names of Labour Intensive staff	The tenderer must submit to the Employer, names of all management and supervisory staff that will be employed to supervise the labour-intensive portion of the works together with satisfactory evidence that such staff members satisfy eligibility requirements.



PART T2: RETURNABLE DOCUMENTS



T2.1 : LIST OF RETURNABLE DOCUMENTS

The following documents **MUST** be submitted documents submitted by the Contractors as part of the tender document:

- 2.1 Fully Completed and signed Form of Offer.
- 2.2 Bills of Quantities - P's and G's are to have a summarized lump sum total, the BOQ to be filled in full in black ink.
- 2.3 Declaration on the Status of Administrative Compliance - Completed and Signed
- 2.4 Signed Record of Addenda to tender documents (if applicable)
- 2.5 SBD 1 – Completed and signed
- 2.6 SBD 6.1 – Completed and signed
- 2.7 Declaration of current projects
- 2.8 Valid CIDB grading certificate
- 2.9 CSD Report
- 2.10 JV Agreement (if applicable)

The following will render the tenderer's proposal not responsive and will not be considered:

- I. Failure by the tenderer to submit or complete item 2.1 and 2.2
- II. The tenderer who appears on National Treasury's list of black listed entities.



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PUBLIC WORKS, ROADS & INFRASTRUCTURE

T 2.2: RETURNABLE SCHEDULE

	Document Name	Returnable document
1.	Form of Offer	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.	Bills of Quantities	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	Declaration on the Status of Administrative Compliance	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	Record of Addenda	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	SBD 1	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	SBD 6.1	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	Declaration of Current Projects	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	CIDB Grading Certificate: 3GB or higher	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	CSD Report	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	JV Agreement (if applicable)	<input type="checkbox"/> Yes <input type="checkbox"/> No



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Declaration on the status of administrative compliance

Please indicate, by circling either Yes or No, whether the administrative information submitted with the original framework tender documents has changed or not. If yes, kindly provide the particulars below with any supporting documents.

.....

.....

.....

.....

Signed _____ Date _____

Name _____ Position _____

Tenderer _____



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Record of Addenda to tender documents

We 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
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed _____ Date _____

Name _____ Position _____

Tenderer _____



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PUBLIC WORKS, ROADS & INFRASTRUCTURE

Proposed amendments and qualifications

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.

Page	Clause or item	Proposal

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

The Tenderer's attention is drawn to clause 5.8 of SANS 10845-3 regarding the employer's handling of material deviations and qualifications.

SBD 1

PART A: INVITATION TO TENDER

YOU ARE HEREBY INVITED TO TENDER FOR REQUIREMENTS OF THE LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE					
TENDER NUMBER:	LDPWRI-B/20427	CLOSING DATE	As per Tender Advert	CLOSING TIME:	11:00am
DESCRIPTION	TENDER NO.: LDPWRI-20427 – APPOINTMENT OF A CONTRACTOR FOR MADZIVHANDILA COLLEGE OF AGRICULTURE SECURITY UPGRADE – PHASE 1 (MAIN GATE BUILDING)				
TENDER RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE TENDER BOX SITUATED AT (STREET ADDRESS)					
DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE.					
Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699.					
TENDERING PROCEDURE ENQUIRIES MAY BE DIRECTED TO					
CONTACT PERSON	Mr. NN Mathako				
TELEPHONE NUMBER	0152847126	E-MAIL ADDRESS	mathakon@dpw.limpopo.gov.za		
CONTACT PERSON (TECHNICAL)	Ms. Mhangwane V				
TELEPHONE NUMBER	015 284 7375	E-MAIL ADDRESS	mhangwanev@dpw.limpopo.gov.za		
SUPPLIER INFORMATION					
NAME OF TENDERER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?					
<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]	
QUESTIONNAIRE TO TENDERING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE A BRANCH IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

PART B: TERMS AND CONDITIONS FOR TENDERING

9

1. TENDER SUBMISSION:
<p>1.1. TENDERS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE TENDERS WILL NOT BE ACCEPTED FOR CONSIDERATION.</p> <p>1.2. ALL TENDERS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE TENDER DOCUMENT.</p> <p>1.3. THIS TENDER IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.</p> <p>1.4. THE SUCCESSFUL TENDERER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</p>
2. TAX COMPLIANCE REQUIREMENTS
<p>2.1 TENDERERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.</p> <p>2.2 TENDERERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.</p> <p>2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.</p> <p>2.4 TENDERERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE TENDER.</p> <p>2.5 IN TENDERS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.</p> <p>2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE TENDERER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.</p> <p>2.7 NO TENDERS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."</p>

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE TENDER INVALID.

SIGNATURE OF TENDERER:

.....

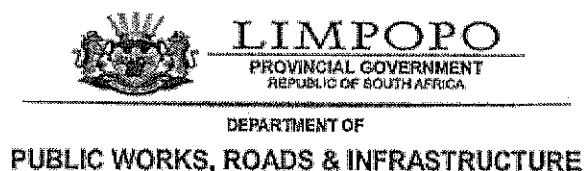
CAPACITY UNDER WHICH THIS TENDER IS SIGNED:

(Proof of authority must be submitted e.g. company resolution)

.....

DATE:

.....



SBD 6.1

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.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 **To be completed by the organ of state**

- a) The applicable preference point system for this tender is the **80/20** preference point system.

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

- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
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 tender 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:

$$\begin{array}{ccc} 80/20 & \text{or} & 90/10 \\ Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) & \text{or} & Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) \end{array}$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = 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:

$$\begin{array}{ccc} 80/20 & \text{or} & 90/10 \\ Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) & \text{or} & Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) \end{array}$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest 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) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Persons who had no franchise in national elections prior to 1983 and 1993	-	6	-	
Promotion of Women owned enterprises	-	3	-	
Disabled persons	-	2	-	
Promotion of SMMEs	-	2	-	
Enterprises located in Limpopo Province	-	4	-	
Promotion of youth	-	1	-	
South African owned enterprises	-	2	-	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM [TICK APPLICABLE BOX]

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited

- ☐ Non-Profit Company
☐ State Owned Company

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:

.....

.....

**DECLARATION OF CURRENT PROJECTS**

Current value refers to current value of projects for both General Building (GB) and Civil Engineering (CE).

Please list the current projects which your company is busy executing in the table below. If no projects at the moment the tenderer must indicate/write on this table.

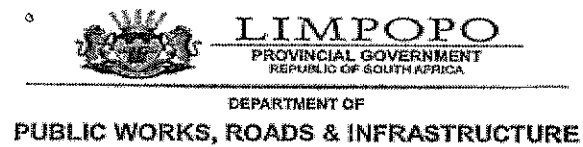
Table 1 List of current projects executed by the tenderer

- Do you have the current projects being executed ☐ YES ☐ NO (Tenderer **MUST** Tick One)
- If Yes, please indicate the details on the table below. Please note that it is **compulsory** to answer the question and if the answer is yes, tenderers **MUST** complete the table (do not write "refer to attachments"). If the question not answered or the table not completed the points will not be allocated.

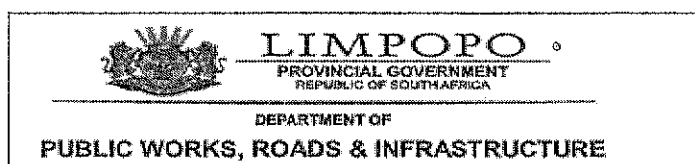
Project Description	Project Value	Start Date	Planned End Date	Client Name	Contact Person Contact Number

TENDER NO.: LDPWRI-20427 – APPOINTMENT OF A CONTRACTOR FOR MADZIVHANDILA COLLEGE OF AGRICULTURE SECURITY UPGRADE – PHASE 1 (MAIN GATE BUILDING)

Project Description	Project Value	Start Date	Planned End Date	Client Name	Contact Person Contact Number



PART C1: AGREEMENT AND CONTRACT DATA



C1.1. FORM OF OFFER AND ACCEPTANCE

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

TENDER NO.: LDPWRI-20427 – APPOINTMENT OF A CONTRACTOR FOR MADZIVHANDILA COLLEGE OF AGRICULTURE SECURITY UPGRADE – PHASE 1

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the tender 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 the 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 PRICE INCLUSIVE OF VALUE ADDED TAX IS (CONTRACT PRICE)

Rand (in words); R.....

(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 & signature of witness Date

Acceptance (To be completed by the employer – not the tenderer)

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 Consultant 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	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work

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 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 of 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 *Consultant*) within five working days of the date of such receipt notifies the *Employer* in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

For the Employer

Signature

Name

Capacity

Name and address of organization

Signature and Name of Witness

Signature

Name

Capacity

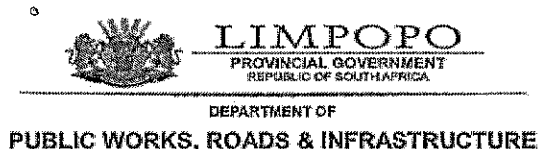
Schedule of Deviations

1 Subject	
Details	
.....	
.....	
.....	
2 Subject	
Details	
.....	
.....	
.....	
3 Subject	
Details	
.....	
.....	
.....	
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.

.....



C1.2 CONTRACT DATA

The Conditions of Contract are clauses 1 to 41 of the **JBCC Series 2000 Principal Building Agreement (Edition 6.2 May 2018)** published by the Joint Building Contracts Committee.

Copies of these conditions of contract may be obtained from the Association of South African Quantity Surveyors (011-3154140), Master Builders Association (011-205-9000; 057- 3526269) South African Association of Consulting Engineers (011-4632022) or South African Institute of Architects (051-4474909; 011-4860684; 053-8312003;)

The JBCC Principal Building Agreement makes several references to the Contract Data for specific data, which together with these conditions collectively describe the risks, liabilities, and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the JBCC Principal Building Agreement.

The contractor shall achieve in the performance of the contract the Contract Participation Goals (CPG) relating to the engagement of targeted enterprises as established in the **CIDB Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts Gazette Notice No. 36190 of 25 February 2013.**"

Payment for labour intensive Component of Works

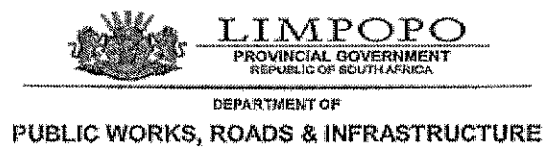
Payment for works identified in the Scope of Works as being labour-intensive shall only be made in accordance with the provisions of the Contract if the works are constructed strictly in accordance with the provisions of the Scope of Work. Any payment for such works shall not relieve the Contractor in any way from his obligations either in contract or in delict.

Linkage of Payment to Submission of Project Data

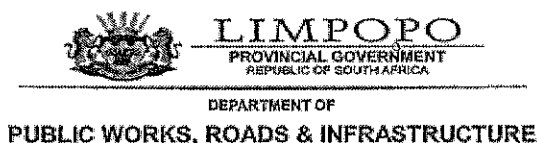
The Contractor's payment invoices shall be accompanied by labour information for the corresponding period in a format specified by the employer. If the contractor chooses to delay submitting payment invoices, labour returns shall still be submitted as per frequency and timeframe stipulated by the Employer. The contractor's invoices shall not be paid until all pending labour information has been submitted.

Applicable Labour Laws

The current Ministerial Determination (also downloadable at www.epwp.gov.za), Expanded Public Works Programmes, issued in terms of the Basic Condition 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 workers.



PART C2: PRICING DATA



C2.1 Pricing Instruction

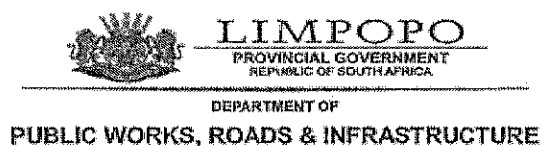
- The Bills of Quantities have been drawn up in accordance with the Standard System of Measuring Building Work in accordance with the provisions of the Model Bills of Quantities or Electrical Work, published by the South African Association of Quantity Surveyors, (July, 2005).
- The agreement is under the JBCC N/S Subcontractor Agreement for use with the JBCC PBA (Edition 4.1 code 2101 March 2005) form of contract with Preliminaries (Code 2103 May 2005) incorporating the State Provisions of cl 41.0.
- It will be assumed that prices included in the Bills of Quantities are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders.
- The prices and rates in these Bills of Quantities are fully inclusive prices for the work described under the items. Such prices and rates cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the Contract Data, as well as overhead charges and profit. These prices will be used as a basis for assessment of payment for additional work that may have to be carried out.
- An item against which no price is entered will be considered to be covered by the other prices or rates in the Bills of Quantities. A single lump sum will apply should a number of items be grouped together for pricing purposes.
- The Contract Data and the standard form of contract referenced therein must be studied for the full extent and meaning of each and every clause set out in Section 1 (Preliminaries) of the Bills of Quantities.
- The Bills of Quantities is not intended for the ordering of materials. Any ordering of materials, based on the Bills of Quantities, is at the Contractor's risk.
- The shall set a minimum of 5 % of the project value for sub-contractor determine the amount to be paid for the Contract Participation Goal (CPG).
- Those parts of the contract to be constructed using labour-intensive methods have been marked in the bill of quantities with the letters LI in a separate column or as a prefix or suffix against every item so designated. The works, or parts of the works so designated are to be constructed using labour-intensive methods only. The use of plant to provide such works, other than plant specifically provided for in the scope of works, is a deviation from 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.
- Where minimum labour intensity is specified by the design the contractor is expected to use their initiative to identify additional activities that can be done labour-intensively in order to comply with the set minimum labour intensity target.
- 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.



LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

PART C2.2: BILLS OF QUANTITIES



PART C3 SCOPE OF WORKS

PART C3.1: SPECIAL NOTES TO TENDERERS

The following special conditions are for compliance and attention to tenderers:

- 1.1. LDPWR&I reserve the right to call interviews with short-listed tenderers before final selection.
- 1.2. LDPWR&I reserve the right to conduct supplier due diligence prior to final award or at any time during the contract period. This may include surprise site visits.
- 1.3. LDPWR&I reserve the right to appoint the tenderer that proves to be fully capable and qualified to handle and execute the job.
- 1.4. The proposals submitted must be in line with the detailed specification.
- 1.5. LDPWR&I reserve the right to cancel or withdraw this tender if:
 - i. Due to changed circumstances, there is no longer a need for this services; or
 - ii. Funds are no longer available to cover the total envisaged expenditure; or
 - iii. No acceptable tenders are received; or
 - iv. There is a material irregularity in the tender process.
- 1.6. In the case of sub-contracting or joint venture agreement, LDPWR&I will enter into a single contract with the principal tenderer.
- 1.7. Tenderers who are not registered on Central Supplier Database (CSD) must register before submission of tenders.
- 1.8. Any of the tender document in pencil or erasable ink will not be acceptable and will automatically disqualify the submitted tender.
- 1.9. Successful tenderer will be required to sign and enter into a formal contract upon the award.
- 1.10. Notwithstanding shortcomings and/or inconsistencies, if any, in this specification, which is only a minimum specification, a tenderer shall make provision for a complete solution that will deliver the required service efficiently and cost-effectively.
- 1.11. Tender documents must be submitted physically to the closing address as reflected on the Request for Quotations.
- 1.12. Quotations received after the closing date and time will not be accepted for consideration.
- 1.13. This request for tender document contains confidential information about LDPWR&I, which has been provided to supply potential tenderers with the data necessary to provide a holistic response.
- 1.14. No part of the contents may be used, copied, disclosed or conveyed in whole or in part to any party, in any manner whatsoever without the prior written permission of LDPWR&I.
- 1.15. Any reproduction or transmission of information contained in this document except for the sole purpose of responding to this tender is strictly prohibited.
- 1.16. References to LDPWR&I must not be made in any literature, promotional material, and brochures or sales presentations without the express written consent of LDPWR&I.
- 1.17. The client reserves the right not to award more than one project per tenderer, should the highest tenderer already been awarded a project, the second highest scoring tenderer will be considered.

1.18. Attachments for Specific Goals Points (**Must be submitted in order for claimed points to be awarded**)

- I. Persons who had no franchise in national elections prior to 1983 and 1993-
(Attach Directors 's certified copy of South African ID & CK as proof)
- II. Promotion of Women owned enterprises - (Attach Director's certified copy of
South African ID & CK)
- III. Disabled persons-(Attach letter /Medical certificate from Healthcare professional)
- IV. Promotion of SMMEs -(Attach Financial statement as proof for SMME turnover)
- V. Enterprise located in Limpopo Province-(Attach proof of enterprise address/Lease
agreement as proof of enterprise residential address)
- VI. Promotion of youth-(Attach Directors 's certified copy of South African ID as
proof)
- VII. South African owned enterprises –(Attach Directors 's certified copy of South
African ID as proof + company registration documents)

PART C3.2: THE EXPANDED PUBLIC WORKS PROGRAMME – SCOPE OF WORKS

Employers objective

The employer's objectives are to deliver public infrastructure using labour intensive methods in accordance with EPWP Guidelines

Use of local Workers for LI designated activities

Labour-intensive works shall be constructed/maintained using local workers who are temporarily employed in terms of this Scope of Work

Competencies of LI Management and Supervisory staff

Contractors shall engage supervisory and management staff in labour-intensive works that have completed the skills programme including Foremen/Supervisors at NQF "National Certificate: Supervision of Civil Engineering Construction Processes" and Site Agent/Manager at NQF level 4 "Manage labour-intensive Construction Processes" or equivalent QCTO qualifications.

Ministerial Determination



Ministerial
Determination 4 Expa

Provision of Hand tools

The Contractor shall provide his labour force with hand tools of adequate quality, sufficient in numbers and make the necessary provisions to maintain the tools in good and safe working conditions

Wage Dispute (Contractor default to pay participants)

Any dispute between the Contractor and EPWP Workers, regarding delayed payment or default in payment of fair wages, if not resolved immediately may compel the Employer to intervene.

The Employer may, upon the Contractor defaulting payment, pay the moneys due to the workers not honoured in time, out of any moneys due or which may become due to the Contractor under the Contract.

Reporting requirement of Contractor

The Contractor should submit the following at the beginning of the Contract:

- (a) Contracts of all the workers employed on the contracts including their certified identity documents;
- (b) Proof of Registration for COIDA and UIF;
- (c) OHS Files

The Contractor shall submit monthly returns/reports as specified below:

- (a) Signed Muster rolls/pay sheets of temporary workers and permanent staff detailing the number, category, gender, rate of pay and daily attendance.
- (b) Copies of certified identity documents of workers
- (c) Number of persons who have attended training including nature and duration of training provided
- (d) Assets created, rehabilitated or maintained in accordance with indicators in the EPWP M&E framework
- (e) Plant utilization returns
- (f) Progress report detailing production output compared to the programme of works

PART C4: THE EXPANDED PUBLIC WORKS PROGRAMME – PARTICULAR SPECIFICATION

EPWP Special Project Specification

As much as is economically feasible all work shall be implemented by employing Labour Intensive Construction methods. Over and above the normal Building and Allied works to be implemented by employing skilled and unskilled labour the works specified in the "Guidelines for the Implementation of Labour-Intensive Infrastructure Projects under the Expanded Public Works Programme (EPWP)" shall be undertaken using Labour Intensive Construction methods.

Requirement for Sourcing and engagement of Labour

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.

The minimum rate of pay set for the EPWP is **R 121.28** per task or per day.

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.
- (c) 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 of the EPWP Infrastructure Guidelines.

The Contractor shall, through all available community structures, inform the local community of the labour intensive works and the employment opportunities presented thereby. Preference must be given to people with previous practical experience in construction and / or who come from households:

- 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) those who are not in receipt of any social security pension income

Employment demographics

The Contractor shall endeavour to ensure that the expenditure on the employment of temporary workers is in the following proportions:

- a) 60 % women;
- b) 55% youth who are between the ages of 18 and 35; and
- c) 2% on persons with disabilities.

SANS 1914-5



SANS1914-5 -
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CONSTRUCTION METHODS

Labour Intensive Specification in the Guidelines pertaining to “Earth works”: GENERIC LABOUR-INTENSIVE SPECIFICATION

The Generic Labour-intensive specification below is the same as SANS 1921-5, Construction and management requirement for works contracts- Part 5: Earth works activities which are to be performed by hand and should be included in the scope of works without amendment or modification as set out below.

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

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.

HAND EXCAVATEABLE MATERIAL

Hand excavatable 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° with respect to the horizontal) into the material being used.

Table 1: 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 up to 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 geological pick; requires many blows for excavation.	Stiff	Can be indented by thumbnail; 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 thumbnail with difficulty; slight indentation produced by blow of a geological pick point.

TRENCH EXCAVATION

All hand excavatable material in trenches having a depth of less than 1,5 metres shall be excavated by hand.

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.

EXCAVATION

All hand excavatable material including topsoil classified as hand excavatable 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.

CLEARING AND GRUBBING

Grass and small bushes shall be cleared by hand.

SHAPING

All shaping shall be undertaken by hand.

LOADING

All loading shall be done by hand, regardless of the method of haulage.

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.

Item
No

Quantity

Rate

Amount

SECTION NO.1

BILL NO. 1

PRELIMINARIESNOTES

- i) The agreement is to be the JBCC Series 2000 Principal Building Agreement (Edition 4.1 Code 2101 March 2005) prepared by the Joint Building Contracts Committee
- ii) The preliminaries are to be the JBCC Series 2000 Preliminaries prepared by the Joint Building Contracts Committee, Code 2103 May 2005 Edition and shall be deemed to be incorporated herein
- iii) Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary
- iv) Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading
- v) Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable")
- vi) If Alternative A as set out in clause B10.3 hereinafter is to be used for the adjustment of the preliminaries each item priced is to be allocated to one or more of the three categories, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount in proportion to time

**SECTION A: PRINCIPAL BUILDING AGREEMENT
READ IN CONJUNCTION WITH THE CONTRACT DATA**

Carried to Collection

Section No. 1
Bill No. 1
Preliminaries

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

R

Definitions (A1)

1 Definitions and interpretation (clause 1)

F:..... V:..... T:.....

Item

Objective (A2)

2 Offer acceptance and performance (clause 2)

F:..... V:..... T:.....

Item

Preparation (A3-A14)

3 Documents (clause 3)

F:..... V:..... T:.....

Item

4 Design responsibility (clause 4)

F:..... V:..... T:.....

Item

5 Employer's agents (clause 5)

F:..... V:..... T:.....

Item

6 Site representative (clause 6)

F:..... V:..... T:.....

Item

7 Compliance with regulations (clause 7)

F:..... V:..... T:.....

Item

8 Works risk (clause 8)

F:..... V:..... T:.....

Item

9 Indemnities (clause 9)

F:..... V:..... T:.....

Item

10 Works insurance (clause 10)

F:..... V:..... T:.....

Item

11 Liability insurances (clause 11)

F:..... V:..... T:.....

Item

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12	Effecting insurance (clause 12) F:..... V:..... T:.....	Item
13	No clause (clause 13) F:..... V:..... T:.....	Item
14	Security (clause 14) F:..... V:..... T:.....	Item
<u>Execution (A15-A22)</u>		
15	Preparation for and execution of the works (clause 15) F:..... V:..... T:.....	Item
16	Access to the works (clause 16) F:..... V:..... T:.....	Item
17	Contract instructions (clause 17) F:..... V:..... T:.....	Item
18	Assignment (clause 19) F:..... V:..... T:.....	Item
19	Setting out of the works (clause 18) F:..... V:..... T:.....	Item
The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments.		
20	Nominated subcontractors (clause 20) F:..... V:..... T:.....	Item

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21	Selected subcontractors (clause 21) F:..... V:..... T:.....	Item
22	Employer's Direct Contractors (clause 22) F:..... V:..... T:.....	Item
23	Contractor's Domestic Sub-Contractors (Clause 23) F:..... V:..... T:.....	Item
<u>Completion (A24-A30)</u>		
24	Practical completion (clause 24) F:..... V:..... T:.....	Item
25	Works completion (clause 25) F:..... V:..... T:.....	Item
26	Final completion (clause 26) F:..... V:..... T:.....	Item
27	Latent defects liability period (clause 27) F:..... V:..... T:.....	Item
28	Sectional completion (clause 28) F:..... V:..... T:.....	Item
29	Revision of date of practical completion (clause 29) F:..... V:..... T:.....	Item

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30	Penalty for non-completion (clause 30) F:..... V:..... T:.....	Item
<u>Payment (A31 - A35)</u>		
31	Interim payment to the contractor (clause 31) F:..... V:..... T:.....	Item
32	Adjustment to the contract value (clause 32) F:..... V:..... T:..... Notwithstanding the provisions of clause 32.13 fluctuations in costs shall not be adjusted as per heyillet formular (CPA)	Item
33	Recovery of expense and loss (clause 33) F:..... V:..... T:.....	Item
34	Final account and final payment (clause 34) F:..... V:..... T:.....	Item
35	Payment to other parties (clause 35) F:..... V:..... T:.....	Item
<u>Cancellation (A36-A39)</u>		
36	Cancellation by employer - contractor's default (clause 36) F:..... V:..... T:.....	Item
37	Cancellation by employer - loss and damage (clause 37) F:..... V:..... T:.....	Item
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38 Cancellation by contractor - employer's default (clause 38)

F:..... V:..... T:.....

Item

39 Cancellation - cessation of the works (clause 39)

F:..... V:..... T:.....

Item

Dispute (A40)

40 Settlement of disagreements and disputes (clause 40)

F:..... V:..... T:.....

Item

Contract variables (A41)

41 The schedule:Pre-tender information (clause 41)

F:..... V:..... T:.....

Item

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

41.1.1

Employer:

DEPARTMENT OF PUBLIC WORKS LIMPOPO

Postal Address:
Private Bag x 9490
POLOKWANE
0700

Physical Address:
43 Church Street
Polokwane
0699

Tel . (015) 284-7000 Fax (015) 284 7044
E-mail :

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41.1.2

Principal Agent:

DEPARTMENT OF PUBLIC WORKS LIMPOPO

Postal Address:
Private Bag x 9490
POLOKWANE
0700

Physical Address:
43 Church Street
Polokwane
0699

Tel . (015) 284-7000 Fax (015) 284 7044
E-mail :

41.1.3

Other Agents: Architect

DEPARTMENT OF PUBLIC WORKS LIMPOPO

Postal Address:
Private Bag x 9490
POLOKWANE
0700

Physical Address:
43 Church Street
Polokwane
0699

Tel . (015) 284-7000 Fax (015) 284 7044
E-mail :

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41.1.4

Other Agents : Quantity Surveyors

DEPARTMENT OF PUBLIC WORKS LIMPOPO

Postal Address:
Private Bag x 9490
POLOKWANE
0700

Physical Address:
43 Church Street
Polokwane
0699

Tel . (015) 284-7000 Fax (015) 284 7044
E-mail :

41.2 CONTRACT DETAILS

41.2.1 Works Description:

The work consist of the construction of a new
single storey library building approximately
950m2 and site works

41.2.2 Site Description:

The site is at

41.2.3 Work for installation by direct contractors:

N/A

**41.2.4 This agreement is for a government contract:
contract where there are specific option that
are**

applicable to a state organ only

Yes

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

Approximately within 14 (fourteen) calendar days from the date of the letter of acceptance

41.2.6 Period for the commencement of the works is immediately after the contractor takes possession of the site

41.2.7 Completion in sections are required

No

41.2.8 Intended date of practical completion and the penalty per calendar day for the works as a whole:

8 calendar months from the date of the possession of the site and penalties will be 0.05% of the contract sum

Penalty per calendar day:
0.05% of the Contract Sum per calendar day on which the completion of the work may be in arrears

SPECIAL COMPLETION REQUIREMENTS

Not applicable

42 41.2.9 Arbitration rules as recommended by the Association of Arbitrators (SA)

F:..... V:..... T:.....

Item

43 41.2.10 The law applicable to this agreement shall be that of

South Africa

F:..... V:..... T:.....

Item

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41.3 INSURANCES

44 41.3.1 Contract work's insurance

All risk and Public Liability Insurance for this contract shall be taken out by the Contractor in the joint names of the contractor and the employer. The cost of this insurance will be paid by the Contractor. Any excess in respect of a claim is to be paid for by the contractor

Item

45 41.3.2 Supplementary insurance:

Contractor shall be responsible for the taking out his own insurances for all plant and machinery used in the execution of this contract. The cost of this insurance shall be borne by the contractor.

F..... V.....
T.....

Item

46 41.3.3 Public liability insurance to be effected by contractor See clause 42.3.1

F:..... V:..... T:.....

Item

41.4 DOCUMENTS

41.4.1 Waivers of contractors lien is required

Yes

41.4.2 Number of construction document copies to be supplied free of charge: Three

41.4.3 State other system if document is not drawn up in accordance with the Standard System of Measuring Building Work (6th Edition) (Revised) 1999

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41.4.4 Number of days for submission of priced documents:

7 working days

Notwithstanding the provisions of Clause 41.4.4, no payments will be certified unless the priced document are agreed with the Quantity surveyors.

41.4.5 JBCC N/S Subcontract Agreement are to be included in the documents:

No

41.4.6 Alternative if contract value is not adjusted using CPAP:

Prices and rates shall remain firm and fixed, there shall be no adjustment of the tender amounts

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

Payment will be made 21 days after issue of a payment certificate.

The Contractor shall issue a Tax Invoice immediately to enable the Employer to process payment. For accounting purposes, the Employer's VAT number as required by current legislation on the Tax invoice is to be advised

SECTION B: PRELIMINARIES

Definition and interpretation (B1)

47 Definition and interpretation (B1.1 - B1.6.5)

F:..... V:..... T:.....

Item

Documents (B2)

48 Checking of documents (B2.1)

F:..... V:..... T:.....

Item

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49	<p>These bills of quantities contain pages and annexures as indexed on the flyleaf</p> <p>The items in these bills of quantities are to be read and priced in conjunction with and the descriptions regarded as amplified by the Model Preambles for Trades as recommended and published by the Association of South African Quantity Surveyors, 1997 edition, and no claim arising from brevity of description of items fully described in the said Model Preambles for Trades will be entertained</p>	Item		
50	<p>Provisional bills of quantities (B2.2)</p> <p>F:..... V:..... T:.....</p>	N/A		
51	<p>Availability of construction documentation for contracts based on provisional bills of quantities (B2.3)</p> <p>F:..... V:..... T:.....</p>	Item		
52	<p>Interests of agents (B2.4)</p> <p>F:..... V:..... T:.....</p>	Item		
53	<p>Priced documents (B2.5)</p> <p>F:..... V:..... T:.....</p>	Item		
54	<p>Tender submission (B2.6)</p> <p>F:..... V:..... T:.....</p>	Item		
55	<p>Notwithstanding anything contained in this clause tenders shall be valid for a period of 45 days from the closing date of tenders</p> <p>F:..... V:..... T:.....</p> <p><u>The site (B3)</u></p>	Item		
56	<p>Defined works area (B3.1)</p> <p>F:..... V:..... T:.....</p>	Item		
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57	The area of the works to be occupied by the contractor, any restriction on the area and the limit of access or exit will be pointed out to the contractor by the principal agent at the official site briefing meeting.	Item
58	Geotechnical investigation (B3.2) Geotechnical information will be made available to the successful bidder at the site handover meeting F:..... V:..... T:.....	Item
59	Inspection of the site (B3.3) It remains the responsibility of the bidder to visit the project site on his / her own to check and acquaint themselves with the site and its conditions before submitting a tender as no claims will be entertained later.	Item
60	No claims for extras arising from the contractor having failed to comply with this clause will be entertained F:..... V:..... T:.....	Item
61	Existing premises occupied (B3.4) F:..... V:..... T:.....	Item
62	Previous work - dimensional accuracy (B3.5) F:..... V:..... T:.....	Item
63	Previous work - defects (B3.6) F:..... V:..... T:.....	Item
64	Services - known (B3.7) F:..... V:..... T:.....	Item
65	Services - unknown (B3.8) F:..... V:..... T:.....	Item

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66	Protection of trees etc (B3.9)	
	F:..... V:..... T:.....	Item
67	Articles of value (B3.10)	
	F:..... V:.....	
	T:.....	Item
68	Inspection of adjoining properties etc (B3.11)	
	F:..... V:..... T:.....	Item
	<u>Management of contract (B4)</u>	
69	Management of the works (B4.1)	
	F: V: T:	
	Item
70	Progress meetings (B4.3)	
	F:..... V:..... T:.....	Item
71	Technical meetings (B4.4)	
	F:..... V:..... T:.....	Item
	<u>Samples and shop drawings and manufacturer's instructions (B5)</u>	
72	Samples of materials (B5.1)	
	F:..... V:.....	
	T:.....	Item
73	Workmanship samples (B5.2)	
	F:..... V:.....	
	T:.....	Item
74	Shop drawings (B5.3)	
	F:..... V:..... T:.....	Item
	<u>Temporary works and plant (B6)</u>	
75	Deposits and fees (B6.1)	
	F:..... V:..... T:.....	Item

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76	Enclosure of the works (B6.2)	
	F:..... V:..... T:.....	Item
77	Advertising (B6.3)	
	F:..... V:..... T:.....	Item
78	Plant, equipment, sheds and offices (B6.4)	
	F:..... V:..... T:.....	Item
79	Main notice board (B6.5)	
	F:..... V:..... T:.....	Item
80	Subcontractors notice board (B6.6)	
	F:..... V:..... T:.....	Item
	<u>Temporary services (B7)</u>	
81	Location (B7.1)	
	F:..... V:..... T:.....	Item
82	Water (B7.2)	
	F:..... V:..... T:.....	Item
83	Electricity (B7.3)	
	F:..... V:..... T:.....	Item
84	Telecommunication equipment (B7.4)	
	F:..... V:..... T:.....	Item
85	Ablution facilities (B7.5)	
	F:..... V:..... T:.....	Item
	<u>Prime cost amounts (B8)</u>	
86	Responsibility for prime cost amounts (B8.1)	
	F:..... V:..... T:.....	Item

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Attendance on N/S Subcontractors (B9)

87 General attendance (B9.1)

F:..... V:..... T:.....

Item

88 Special attendance (B9.2)

F:..... V:..... T:.....

Item

89 Commissioning - Fuel, water and power (B9.3)

F:..... V:..... T:.....

Item

Financial aspects (B10)

Statutory taxes, duties and levies (B10.1)

F:..... V:..... T:.....

Item

90 Provision for Value Added Tax (VAT) is made in the Final Summary.

F:..... V:..... T:.....

Item

91 Payment of preliminaries (B10.2)

F:..... V:..... T:.....

Item

92 Adjustment of preliminaries (B10.3)

F:..... V:..... T:.....

Item

93 Payment certificate cash flow (B10.4)

F:..... V:..... T:.....

Item

94 Contractor information supply (B10.5)

F:..... V:..... T:.....

Item

General (B11)

95 Protection of works (B11.1)

F:..... V:..... T:.....

Item

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96	Protection/isolation of existing/sectionally occupied works (B11.2)	F:..... V:..... T:.....	Item
97	Site security (B11.3)	F:..... V:..... T:.....	Item
98	Notice before covering work (B11.4)	F:..... V:..... T:.....	Item
99	Disturbance (B11.5)	F:..... V:..... T:.....	Item
100	Works cleaning and clearing (B11.6)	F:..... V:..... T:.....	Item
101	Vermin (B11.7)	F:..... V:..... T:.....	Item
102	Overhand work (B11.8)	F:..... V:..... T:.....	Item

Schedule of variables (B12)

103	Pre-tender information (B12.1)	F:..... V:..... T:.....	Item
-----	--------------------------------	-------------------------	------

Information necessary for elections and completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder. Where no information is given it shall mean that either no details or specific requirements are available or that the clause is not relevant to this specific contract

12.1.1 Provisional bills of quantities (B2.2)

The quantities are provisional:

No

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12.1.2 Availability of construction documentation (B2.3)
Construction documentation is complete

Yes

12.1.3 Interest of agents (B2.4)
N/A

12.1.4 Defined works area (B3.1)

See site information

12.1.5 Geotechnical investigation (B3.2)

To obtain from the Project Architect

Geotechnical information will be made available to the
successful bidder at the site handover meeting

12.1.6 Existing premises occupied (B3.4)

12.1.7 Services - known (B3.7)

Existing services and points of connection will
be pointed out to the successful contractor by
the principal agent

12.1.8 Protection of trees (B3.9)

12.1.9 Inspection of adjoining properties (B3.11)

12.1.10 Enclosure of the works (B6.2)

12.1.11 Offices (B6.4.3)

The contractor shall provide, maintain and remove on
completion of the work an office for the exclusive use of
the SEO minimum size 4 x 6 x 3m high internally,
suitably insulated and ventilated, provided with electric
lighting and fitted with boarded floor, desk,
chair, drawing chair, drawing board and lockup drawer
for drawings. The office shall be kept clean and fit for
use at all times

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12.1.12 Main notice board (B6.5)

The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m, all constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick all round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines, deep blue. All wording shall be inscribed in deep blue painted "sans serif" lettering

12.1.13 Subcontractors notice board (B6.6)

A notice board is required

No

12.1.14 Water (B7.2)

Contractor to provide

12.1.15 Electricity (B7.3)

Contractor to provide

12.1.16 Telecommunications (B7.4)

Contractor to provide

12.1.17 Ablution facilities (B7.5)

Contractor to provide

12.1.18 Special attendance (B9.2)

12.1.19 Protection of the works (B11.1)

12.1.20 Protection of existing/sectionally occupied works (B11.2)

Protection is required

Yes

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12.1.21 Disturbance (B11.5)

The contractor's attention is drawn to the fact that certain portions of the Works will be constructed in the vicinity of built up areas, The contractor shall exercise all necessary precautions to ensure the safety and convenience of the public.

104 Post tender information (B12.2)

F:..... V:..... T:.....

Item

12.2.1 Payment of preliminaries

Alternative selected: (B)

12.2.2 Adjustment of preliminaries

Alternative selected: (A)

12.2.3 Additional agreed preliminaries item
N/A

SECTION C: SPECIFIC PRELIMINARIES

105 **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 authorized representative

F:..... V:..... T:.....

Item

106 **OVERTIME**

Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorized in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer.

F:..... V:..... T:.....

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AS BUILT DRAWINGS

The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the principal agent and the structural engineer for their records.

F:..... V:..... T:.....

Item

108

SITE INSTRUCTIONS

Site instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor

F:..... V:..... T:.....

Item

109

LABOUR RECORD

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 subcontractors on the works each day.

F:..... V:..... T:.....

Item

110

PLANT RECORD

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.

F:..... V:..... T:.....

Item

111

NON CESSION OF MONIES

The contractor shall not cede nor assign his rights or claims to any monies due or to become due under this contract

F:..... V:..... T:.....

Item

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112	BLACK ECONOMIC EMPOWERMENT The contractor shall study and acquaint himself with the guidelines of the Black Economic Empowerment Act, and demonstrate his compliance with the requirements of the Act. F:..... V:..... T:.....	Item
113	LOCAL LABOUR The contractor shall make use of local labour. It is desirable by the Employer that all unskilled labour be recruited from the local areas of the vicinity of the Works. The contractor will demonstrate his effort to fulfill compliance with this requirement F:..... V:..... T:.....	Item
114	LABOUR DESK The contractor shall establish a labour desk on site with a dedicated office of maximum 9m2 with and including a desk, 2 chairs and electricity. From the labour desk, the contractor will appoint a dedicated community liaison officer. The community liaison officer will be employed by and will report to the contractor, who will in turn forward such reports to the Principal Agent. F:..... V:..... T:.....	Item
115	SITE ACCOMMODATION. Provide 2 office facilities for Principal Agent Representative and one for Resident Clerk of Works (to include desk, 2chairs and Electricity per office) Provide meeting Facility to accommodate 12 chairs Provide Ablution facilities for the above F:..... V:..... T:.....	Item
116	HEALTH AND SAFETY ACT (Act 85 of 1993) Compliance with the Occupational Health and Safety Act (Act 85 of 1993) and all relevant and applicable regulations, especially the Construction Health & Safety Act (Act 85 of 1993) (as amended) for the duration of the contract	Item

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117	Provisions of OH&S Plan prior to commencement of works as well as a full consolidated copy of such plan at the completion of construction work inclusive of a record of all drawings, designs, copies of statutory appointments, material used and other similar information concerning completed contract	Item		
118	Implementation of approved OHS Plan for duration of contract, including daily/weekly inspections, monthly meetings, required audits, consolidated health and safety file, etc	Item		
119	Registration with Compensation Fund or approved /licensed compensation insurer	Item		
120	Full time competent employee of the Contractor as safety construction supervisor and assistant safety construction supervisors for duration of contract	Item		
121	Health and safety training and induction requirements of all persons entering the site	Item		
122	HIV AND AIDS POLICY Observation of all legislation, policies and by-laws regulating the "AIDS" endemic and "HIV" prevention, treatment and observation	Item		
	<u>Provision of Training Allowance in terms of EPWP prescripts</u>			
123	Training allowance paid to targeted labour in terms of formal training days	PDT		
124	Extra over for the administration payment of training allowances to targeted labour (25% of training allowance)	Item		Not Priced
125	Transport and accommodation of workers for training where it is not possible to undertake the training in close proximity to the site (Provisional Sum)	Item		Not Priced
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Item
No

Quantity

Rate

Amount

SECTION NO.2

BILL NO. 1

DEMOLITIONS

For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades

REMOVAL OF EXISTING WORK:

NATURE OF WORK: Tenderers are advised to visit the site and to satisfy themselves as to the nature and extent of the work to be done and provide in their tenders any items not specifically mentioned which they may deem necessary for the proper completion of the work.

DIMENSIONS The Contractor is advised to take all dimensions affecting the existing buildings on the site, as he will be held solely responsible for all new work being of the correct size.

PIPES, ETC Special care is to be taken not to interfere unnecessarily with any supply pipes or other piping that may be met with and found necessary to disconnect or cut, are to be effectively stopped off and any new connections that may be necessary are to be made with proper fittings and to the satisfaction of the Principal Agent to whom due notice must be given of any alterations to the existing services.

PROTECTION In taking down and removing existing work the utmost care is to be observed to avoid any structural or other damage to the remaining portions of the buildings. The Contractor must also protect all work not removed such as walls, floors, doors, windows or other joinery, loose and fixed fittings and electrical appliances, etc. from damage during the progress of the work and provide all necessary materials for doing so. The Contractor will be held solely responsible for any damage to persons or property and for the safety of the structure throughout the whole of this Contract and must make good at his own expense any damage that may occur.

OLD USABLE MATERIALS from the

Carried to Collection

R

Section No. 2

Bill No. 1

Alterations

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

alterations/demolitions are to become the property of the Client. Old materials for re-use are to be carefully removed, stored and protected from injury including making good any damaged or defective parts as required before fixing. Old reusable materials are to be handed over to the Client are to be carefully removed and neatly stacked on site where directed. The remainder of the old materials and all rubbish to be immediately carted away and the site left clean and unencumbered. The Contractor should allow for removing of rubble from site on daily basis, failing which the client might stop the construction until the site has been cleaned. None of the old stock bricks from the pulling down are to be re-used for any new work. Materials to be handed over to the Client should be kept safely and handed over to the School Governing Body or the school principal who shall sign for all materials received.

MATERIALS, ETC The materials to be used and work to be done to be similar in all respects to that described for new work insofar as they concur. All work in making good is to be properly jointed to the existing.

Unless otherwise stated, all usable material from the demolitions should be kept safely and handed over to the school governing body or the school principal who shall sign for all material received.

- 1 Break down and demolish existing structure size approximately 16m² and 3 m high, incl. cutting the foundation wall, strip footings, floor slab, roof covering, steel poles, steel rails etc, removal of surface beds, backfilling, cart away, etc. of all rubble and leaving no visible sign of the building (OLD GUARDHOUSE)

No

1

Carried to Collection

Section No. 2

Bill No. 1

Alterations

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOUSE
FOR DEPARTMENT OF AGRICULTURE**

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Section No. 2

Bill No. 1

Alterations

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Section No. 2

Bill No. 1

Alterations

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u>			
	<u>BILL NO. 1</u>			
	<u>EARTHWORKS (PROVISIONAL)</u>			
	<u>PREAMBLES</u>			
	For Preambles see "Model Preambles For Trades"			
	<u>EXCAVATION, FILLING, ETC OTHER THAN BULK</u>			
	<u>Excavation in earth not exceeding 2m deep</u>			
1	Trenches	m3	20	
2	Holes	m3	4	
	<u>Extra over bulk excavation in earth for excavation in</u>			
3	Soft rock	m3	1	
4	Hard rock	m3	2	
	<u>Extra over all excavations for carting away</u>			
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	11	
	<u>Risk of collapse of excavations</u>			
6	Sides of excavations not exceeding 1,5m deep	m2	16	
	<u>Keeping excavations free of water</u>			
7	Keeping excavations free of water		Item	
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density</u>			
8	As backfilling to foundations	m3	11	
	Carried to Collection			
	Section No. 3			
	Bill No. 1			
	Earthworks (Provisional)			
	MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE FOR DEPARTMENT OF AGRICULTURE			

9	Under floors, steps, pavings, etc	m3	6
	<u>Earth filling supplied by the contractor compacted to 93% Mod AASHTO density</u>		
10	Under floors, steps, pavings, etc	m3	10
	<u>Compaction of surfaces</u>		
11	Compaction of ground surface under floors etc including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	25
	<u>Prescribed density tests on filling</u>		
12	"Modified AASHTO Density" test	No	5
	<u>PROTECTION AGAINST TERMITES</u>		
	<u>Soil insecticide</u>		
13	Poisoning surface of ground in bottoms of trenches, bases, etc	m2	25
14	Poisoning surface of ground or filling under floors, steps, etc. including raking out 75mm deep V-shaped channels against the walls, etc., treated with poison solution, backfilling and ramming	m2	25

Carried to Collection

Section No. 3

Bill No. 1

Earthworks (Provisional)

MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE

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Section No. 3

Bill No. 1

Earthworks (Provisional)

COLLECTION

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Section No. 3

Bill No. 1

Earthworks (Provisional)

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 2</u>			
	<u>BILL NO 2</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
	<u>PREAMBLES</u>			
	For Preambles see "Model Preambles For Trades"			
	<u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>15Mpa/19mm Concrete</u>			
1	Surface blinding under footings and bases	m3	4	
2	Apron	m3	3	
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>30 MPa/19mm Concrete</u>			
3	Strip footings	m3	6	
4	Base	m3	3	
	<u>REINFORCED CONCRETE</u>			
	<u>30 MPa/19mm Concrete</u>			
5	Slab	m3	6	
6	Surface beds	m3	6	
	<u>TEST BLOCKS</u>			
7	Making and testing a set of three 150 x 150 x 150mm concrete strength test cube (Provisional)	No	3	
	Carried to Collection			
	Section No. 3			
	Bill No. 2			
	Concrete, Formwork & Reinforcement			
	MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE FOR DEPARTMENT OF AGRICULTURE			

Finishing top surfaces of concrete smooth with a wood float

8	Surface beds, slabs, etc	m2	25
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SMOOTH FORMWORK (DEGREE OF ACCURACY II)

Smooth formwork to sides

9	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	46
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10	Edges, risers, ends and reveals, exceeding 300mm high or wide	m	13
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Smooth formwork to soffits

11	Slabs propped up exceeding 1,50m and not exceeding 3,50m high	m2	11
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REINFORCEMENT

Mild steel reinforcement to structural concrete work

12	Steel bar reinforcement of various diameters (100kg/m3)	t	1.00
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Fabric reinforcement

13	Ref 193 mesh steel reinforcement in concrete walls, etc	m2	30
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Carried to Collection

Section No. 3

Bill No. 2

Concrete, Formwork & Reinforcement

MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE

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Section No. 3

Bill No. 2

Concrete, Formwork & Reinforcement

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Section No. 3

Bill No. 2

Concrete, Formwork & Reinforcement

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

R

Brickwork reinforcement

4	75mm Wide reinforcement built in horizontally	m	4
5	150mm Wide reinforcement built in horizontally	m	16

SUPERSTRUCTURE**Brickwork of NFXE bricks (14 MPa nominal compressive strength) in class I mortar in loadbearing walls etc**

6	Half brick walls	m2	21
7	One brick walls	m2	56

BRICKWORK SUNDRIES**Brickwork reinforcement**

8	75mm Wide reinforcement	m	68
9	150mm Wide reinforcement	m	71

Prestressed precast concrete fabricated lintels

10	110 x 75mm Lintels in lengths exceeding 3m	m	60
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Turning pieces to lintels etc

11	110mm Wide turning pieces	m	20
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FIBRE-CEMENT WINDOW SILLS**Natural grey sills in single lengths bedded in class II mortar including metal fixing lugs etc**

12	15 x 150mm Wide sills set flat and slightly projecting	m	15
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Joint forming material in movement joints

13	12mm Fibre board built in vertically between concrete surface and brick skins	m2	14
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FACE BRICKWORK

Carried to Collection

R

Section No. 3

Bill No. 3

Masonry

MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE

External facings in approved face bricks (FBS) with a PC Amount of R 5 500.00 per thousand bricks delivered to site (excluding VAT) pointed with square recessed horizontal and vertical joints

14	Extra over brickwork for face brickwork in foundation	m2	12
15	Extra over brickwork for external face brickwork	m2	120
16	Extra over brickwork for brick-on-edge header course lintels one course high, pointed on face and 110mm soffit	m	15
17	Brick piers	m3	6
18	330mm feature wall	m2	100

Brick-on-edge header course copings, sills, etc of Approved face bricks (FBS) with a PC Amount of R 3 500.00 per thousand bricks delivered to site (excluding VAT) pointed with polished recessed joints on all exposed faces

19	180mm Wide sill sloping and slightly projecting	m	15
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Carried to Collection

Section No. 3

Bill No. 3

Masonry

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

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Masonry

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Bill No. 3

Masonry

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

R

4mm "Derbigum SP" waterproofing

4	To upstands, etc	m2	25
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JOINT SEALANTS ETC

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

5	10 x 15mm In expansion joints in floors including raking out expansion joint filler as necessary as 5/30	m	21
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Section No. 3

Bill No. 4

Waterproofing

MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE

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Section No. 3

Bill No. 4

Waterproofing

COLLECTION

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Section No. 3

Bill No. 4

Waterproofing

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

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Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 6</u>			
	<u>CARPENTRY AND JOINERY</u>			
	<u>PREAMBLES</u>			
	For Preambles see "Model Preambles For Trades"			
	<u>FACIAS, BARGE BOARDS, ETC:</u>			
1.	225 x 10 mm Fibre cement barge board drilled and brass screwed and including steel jointing strips between lengths.	m	70	
	<u>DOORS</u>			
	NOTE All framed and ledged batten doors and combination doors, where battens are utilised, shall only be of construction acceptable SABS, i.e. mortice and tenon where the tenon is exposed on the outside edges of styles and where the tenon is wedged to form a dovetailed shape			
	<u>Semi-solid core door with 3mm thick tampered Hardboard sides and concealed hardware edges</u>			
2	44 mm Door, size 813 x 1900 mm.	No	1	
	<u>Solid core door with 3mm thick tampered Hardboard sides and concealed hardware edges</u>			
3	44 mm Door, size 813 x 2032 mm.	No	1	
	Carried Forward to Summary of Section No. 3		R	
	Section No. 3			
	Bill No. 6			
	Carpentry			
	MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE FOR DEPARTMENT OF AGRICULTURE			

Item
No

Quantity

Rate

Amount

SECTION NO.3

BILL NO 7

**CEILINGS, PARTITIONS AND ACCESS
FLOORING**

PREAMBLES

For Preambles see "Model Preambles For Trades"

SUPPLEMENTARY PREAMBLES

Descriptions:

Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete

Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere

CEILINGS ETC

Cornices

1	75x25mm thick gypsum cornices fixed to wall and ceiling with white cornice adhesive	m	30	
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Section No. 3

Bill No. 7

Ceilings, partitions and Access Flooring

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

R

Item
No

Quantity

Rate

Amount

SECTION NO.3

BILL NO. 8

IRONMONGERY

PREAMBLES

For Preambles see "Model Preambles For Trades"

SUPPLEMENTARY PREAMBLES

Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the architect

Finishes to ironmongery

Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list
BS Satin bronze lacquered
CH Chromium plated
SC Satin chromium plated
SE Silver enamelled
GE Grey enamelled
AS Anodised silver
AB Anodised bronze
AG Anodised gold
ABL Anodised black
PB Polished brass
PL Polished and lacquered
PT Epoxy coated
SD Sanded

Fixing

Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs in brickwork or concrete

References

References in brackets at the end of descriptions refer to the Architect's schedules

LOCKS

Carried to Collection

R

Section No. 3

Bill No. 8

Ironmongery

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

"Union"

1	Three lever double cylinder lockset code 2222 or similar with Gower Handel code CZ682-05 SC complete with striking plate fixed to metal	No	1
2	Four-lever lockset with striking plate fixed to metal	No	1
3	D037D SS or similar Bathroom /WC small case deadlock	No	1

LETTERS, NAMEPLATES, ETC

4	DDS-132 'Female & male' or similiar pictogram on 150 x 150mm stainless steel plate	No	1
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SUNDRIES

"Dorma " or similar approved

5	AL87722AS Hat and coat hook with rubber tip	No	1
6	Approved Aluminium door stop with rubber insert	No	4
7	Overhead surface mounted type door closer with aluminium casing	No	2

"Kimberley Clark" or similar approved

8	Approved soap dispenser, top-up system with 800ml capacity fixed against wall in positions as shown on detail layouts and details, all as per manufactureres spec	No	1
9	Approved toilet paper dispenser fixed against wall as per manufacturers specifications	No	1
10	425792 'Kim dry' towel dispenser rail fixed against wall as per manufacturers spec	No	1

Carried to Collection

Section No. 3

Bill No. 8

Ironmongery

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

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Section No. 3

Bill No. 8

Ironmongery

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Bill No. 8

Ironmongery

MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE

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Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u>			
	<u>BILL NO. 9</u>			
	<u>STRUCTURAL STEELWORK</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions</u>			
	Descriptions of bolts shall be deemed to include nuts and washers			
	Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete			
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
	Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete. Where anchor bolts are described as embedded in sides or soffits of concrete it shall be deemed to include holes through formwork.			
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete.			
	<u>GLAVANISED STEEL COLUMNS AND BEAMS</u>			
	<u>Welded beams in single lengths with flat bearer and connection plates, bolted to brickwork</u>			
1	152 x 89 x 16 I-section beam (parallel flange)	t	1.20	
2	567 x200 x22mm thick End plates including 8 no M16 bolts. bolts included	No	14	
3	600 x 300 mm Deep Haunch with 10mm weld	No	14	
	Carried to Collection			
	Section No. 3			
	Bill No. 9			
	Structural Steel work			
	MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE FOR DEPARTMENT OF AGRICULTURE			

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

4	254 x 254mm x 89kg/m I-section columns	t	8.00
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STEEL TRUSSES

GALVANISED STEEL TRUSSES

Welded roof trusses of angle rafters, tie beams,
rails, struts, braces, cleats, etc and flat bearer,
gusset and connection plates, bolted to steel

5	152 x 89 x 16 parallel flange	t	5.00
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STEEL PURLINS, GIRTS, BRACING, ETC

**GALVANISED STEEL PURLINS, GIRTS,
BRACING, ETC**

Purlins and girts, bolted to steel

6	76 x38 x6,7 chanel (taper flange) purlin	t	3.00
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Carried to Collection

Section No. 3

Bill No. 9

Structural Steel work

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

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Section No. 3

Bill No. 9

Structural Steel work

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Section No. 3

Bill No. 9

Structural Steel work

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

Natural anodised windows as per "AAMSA specification" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete

3	1550 x 1100mm Aluminium windows (W1)	No	4
4	700 x 1100mm aluminium window (W2)	No	4
5	1000 x1100mm aluminium window (W3)	No	2
6	600 x700mm aluminium windows (W4)	No	2

ALUMINIUM DOORS

Natural anodised doors as per "AAMSA specification" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete

7	390 x 890mm aluminium swing door	No	2
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Carried to Collection

Section No. 3

Bill No. 10

Metalwork

MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE

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Section No. 3

Bill No. 10

Metalwork

COLLECTION

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Section No. 3

Bill No. 10

Metalwork

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

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Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u>			
	<u>BILL NO 12</u>			
	<u>TILING</u>			
	<u>PREAMBLES</u>			
	For Preambles see "Model Preambles For Trades"			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	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			
	<u>WALL TILING</u>			
	<u>198 x 198 x 6mm White glazed ceramic wall tiles fixed with an approved tile adhesive to plaster (elsewhere measured) and jointed with waterproofing coloured jointing compound</u>			
1	On vertical surfaces	m2	46	
	<u>FLOOR TILING</u>			
	<u>Approved 600 x 600mm bodied Porcelain floor tiles (PC Amount of R200-00 excluding VAT) fixed on 25mm screed (elsewhere measured) flush pointed with tinted waterproof jointing compound and approved adhesive</u>			
2	On floors and landings	m2	25	
3	Skirting 75mm high (of cut tiles)	m	23	
	Carried Forward to Summary of Section No. 3			
	Section No. 3			
	Bill No. 12			
	Tiling			
	MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE FOR DEPARTMENT OF AGRICULTURE			

Item No		Quantity	Rate	Amount
	<u>SECTION NO 3</u>			
	<u>BILL NO 13</u>			
	<u>PLUMBING AND DRAINAGE (PROVISIONAL)</u>			
	<u>PREAMBLES</u>			
	For Preambles see "Model Preambles For Trades"			
	<u>STORMWATER CHANNEL</u>			
	<u>Rectangular cast in situ concrete surface water channels</u>			
1	100mm Thick shallow equal 'V' shaped rectangular 20MPa concrete drainage channel 1m wide overall including all earthworks, formwork and ref 193 mesh reinforcement cast in panels not exceeding 3m long, backfilling etc and finishing tops and sides smooth with woodfloat	m	1	
2	Extra over for angles, intersections, ends, dressing into sides of catchpits, etc	No	1	
	<u>SANITARY FITTINGS</u>			
	<u>Approved Water Tanks, etc</u>			
3	10000 litre Plastic Water tank for rain harvesting including installation	No	2	
	<u>'Vaal' or equally approved</u>			
4	560x405mm white vitreous china wash hand basin complete with and including two 1/2 elbow action chromium plated pillar taps, one tap hole plug, waste, plug and chain concealed brackets. Provide approved 15mm chromium plated basin mixer and 40mm bottle trap.	No	1	
	Carried to Collection			
	Section No. 3			
	Bill No. 13			
	Plumbing and Drainage (Provisional)			
	MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE FOR DEPARTMENT OF AGRICULTURE			

'Vaal' or equally approved

- | | | | |
|---|---|----|---|
| 5 | wc suite comprising white china pan with p trap, 9 litre low level vitreous china cistern complete with valves syphonic fitting, ball valve and matching flush pipe and heavy duty white single flap seat | No | 1 |
|---|---|----|---|

'Vaal' or equally approved

- | | | | |
|---|---|----|---|
| 6 | Approved flat back wall mounted bowl urinal fixed with matching brackets, one C.P. flush valve complete with flush pipes as required and one approved C.P. plated bottle trap | No | 1 |
|---|---|----|---|

'Franke' sink or equally approved

- | | | | |
|---|--|----|---|
| 7 | Approved 535 x 455mm Type 304 Stainless steel drop sink with 100mm splash back, grid, etc on 25 x 25mm brackets all as supplied by manufacturers installed 500 mm F.F.L, one 20mm C.P hose bib cock 1000mm F.F.L, one 40mm diameter C.P outlet and one 40mm diameter C.P bottle trap | No | 1 |
|---|--|----|---|

- | | | | |
|---|---|----|---|
| 8 | Single bowl 900mm x 500mm Type 304 stainless steel inlay type fixed onto kitchen unit, one approved C.P mixer, one 40mm diameter C.P outlet and one one approved 40mm diameter C.P. bottle trap | No | 1 |
|---|---|----|---|

WASTE UNIONS

Cobra Watertech

- | | | | |
|---|------------------------------|----|---|
| 9 | 40mm 316 CP sink waste union | No | 2 |
|---|------------------------------|----|---|

TRAPS ETC

Traps, etc. including joints to steel pipes and/or fittings unless otherwise described

- | | | | |
|----|--------------------------------|----|---|
| 10 | 40mm Deep seal "P" or "S" trap | No | 3 |
|----|--------------------------------|----|---|

Chromium plated

- | | | | |
|----|---------------------------|----|---|
| 11 | Flexible connectors, etc. | No | 4 |
|----|---------------------------|----|---|

TAPS, VALVES, ETC

Carried to Collection

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Section No. 3

Bill No. 13

Plumbing and Drainage (Provisional)

MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOUSE
FOR DEPARTMENT OF AGRICULTURE

Valves, etc. including joints to steel pipes and/or fittings unless otherwise described

12	15mm Chromium plated full way ballcock shut-off control valve with screw type control	No	4
13	15mm Brass stopcock	No	2

Cobra Watertech or equally approved

14	15mm Chromium sink mixer (Code 266/04/10)	No	1
15	Selene 953, pillartap	No	2

WATER SUPPLIES

Class 1 copper pipes with capillary couplings

16	15mm Pipe fixed in and including chase in walls	m	36
17	22mm Pipe fixed in and including chase in walls	m	20

Extra over copper pipes for capillary fittings

18	15mm Fittings	No	38
19	22mm Fittings	No	48

SUBSOIL DRAINAGE

uPVC pipes

20	50mm Pipes fixed to walls, etc.	m	32
21	110mm Pipes fixed to walls, etc.	m	16
22	110mm Pipes laid in and including trenches not exceeding 1m deep	m	38

Extra over uPVC pipes for fittings

23	50mm Bend	No	20
24	50mm Access bend	No	2

Carried to Collection

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Bill No. 13

Plumbing and Drainage (Provisional)

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

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25	110mm Bend	No	10
26	110mm Tee junction	No	5
27	110 x 50 mm Reducing junction	No	2
<u>THE FOLLOWING IN SEPTIC TANK AND FRENCH DRAIN</u>			
<u>Earthworks for Septic tank and Conservative drain</u>			
28	Excavation in earth excavation 2m and not exceeding 4m deep	m3	1
29	Excavation in earth excavation n.e 2m	m3	1
<u>Earth filling of clean drain rock</u>			
30	As backfilling for drain pipe	m3	1
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 90% Mod AASHTO density</u>			
31	As backfilling to drain pipe	m3	1
<u>Concrete, Formwork and Reinforcement for Septic tank</u>			
32	20Mpa Reinforced Concrete in bottoms	m3	1
33	25Mpa Reinforced Concrete in slab	m3	1
34	Type 193 fabric reinforcement in concrete bottoms	m2	1
35	Type 617 fabric reinforcement in concrete bottoms	m2	1
<u>Masonry for Septic tank</u>			
36	Half Brick wall	m2	1
37	One Brick wall	m2	1
<u>Plastering for Septic tank</u>			
38	13mm thick Cement plaster on brick walls	m2	1

Carried to Collection

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39	610 x 610 x 97kg Type 2B Mild steel Manhole cover and frame	No	1		
	<u>Sundries</u>				
40	110 diameter drain	m	1		
41	Double layer of Geofabric	m2	1		
	<u>FIRE SERVICES</u>				
	<u>Fire appliances including piping, etc</u>				
42	4,5kg DCP dry powder portable fire extinguisher on and including wrought Meranti backboard size 520 x 100 x 22mm thick plugged and screwed to wall and finished with two coats of polyurethane varnish, including 120 x 20 x 2mm mild steel strip bent to form hook	No	1		
43	Fire hose reel complete with 30m rubber hose, chromium plated stopcock, shut-off nozzle and wall bracket bolted to wall with and including expansion bolts	No	1		
	<u>BUDGETARY ALLOWANCES</u>				
44	Water to supply fire appliances		Item		
45	Provide the sum of R 16 500.00 (Fifteen Thousand Rand) for the construction of a 3 x Plinths for the Water Tanks (elsewhere measured)		Item		16 500.00
46	Provide the sum of R 80 000.00 (Eighty Thousand Rand) for the construction of a Septic Tank and French Drain		Item		
	<u>ELECTRIC WATER HEATERS</u>				
47	100 Litre horizontal wall mounted electric water heater	No	1		
	<u>TESTING</u>				
48	Testing soil drainage system		Item		
49	Testing waste pipe system		Item		
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	Plumbing and Drainage (Provisional)				
	MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE FOR DEPARTMENT OF AGRICULTURE				

50 Testing water pipe system

Item

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Plumbing and Drainage (Provisional)

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
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Plumbing and Drainage (Provisional)

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

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One coat primer and two coats exterior quality PVA emulsion paint

On fascias and barge boards

m2

70

ON METAL

One coat undercoat and two coats polyurethane enamel. Sandpaper lightly between coats. Colour to be determined on site

4 On door frames

m2

24

ON WOOD

One coat wood primer, one undercoat and two coats alkyd enamel paint

5 On doors

m2

38

Three coats polyurethane suede varnish

6 On doors

m2

38

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Section No. 3

Bill No. 15

Paintwork

MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
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Bill No. 15

Paintwork

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Bill No. 15

Paintwork

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

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SECTION SUMMARY - BUILDING WORK				
Bill No		Page No		Amount
1	Earthworks (Provisional)	31		
2	Concrete, Formwork & Reinforcement	34		
3	Masonry	38		
4	Waterproofing	41		
5	Roofwork	42		
6	Carpentry	43		
7	Ceilings, partitions and Access Flooring	44		
8	Ironmongery	47		
9	Structural Steel work	50		
10	Metalwork	53		
11	Plastering	54		
12	Tiling	55		
13	Plumbing and Drainage (Provisional)	62		
14	Glazing	63		
15	Paintwork	66		
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Section No. 3 MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE FOR DEPARTMENT OF AGRICULTURE				

Item No		Unit	Quantity	Rate	Amount
	<u>SECTION No. 4</u>				
	<u>BILL NO. 1</u>				
	<u>PROVISIONAL SUMS</u>				
	<u>PREAMBLES</u>				
	For Preambles see "Model Preambles For Trades"				
	<u>ELECTRICAL WORKS</u>				
1	Provide the sum of R 600,000.00 (six hundred thousand Rand) for the supply and installation of Electrical works complete.		Item		600 000.00
2	Add for profit upon above, if required.		Item		
3	Add for attendance		Item		
	<u>MECHANICAL WORKS</u>				
4	Provide the sum of R 150,000.00 (hundred and fifty thousand Rand) for the supply and installation of Mechanical Works including Fire Detection installed complete.		Item		150 000.00
5	Add for profit upon above, if required.		Item		
6	Add for attendance		Item		
	<u>BORE HOLE</u>				
7	Provide the sum of R 200 000.00 (Two Hundred Thousand rand) for the drilling of a Bore Hole including equipping, supply and installation of a 5000 litre "Jojo" or equally approved Tank and a 6m "Jojo" or equally approved Steel Stand including pipe connection to the building and a pressure pump secured in a suitable steel cage complete.		Item		200 000.00
8	Add for profit upon above, if required.		Item		
9	Add for attendance		Item		
	Carried to Collection			R	
	Section No. 4				
	Bill No. 1				
	PROVISIONAL SUMS				
	MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOUSE FOR DEPARTMENT OF AGRICULTURE				

GEOHYDROLOGICAL SURVEY

10 Provide the sum of R50 000.00(Fifty Thousand rand) for Geohydrological survey and the production of borehole reports.

Item 50 000.00

11 Add for profit upon above, if required

Item

12 Add for attendance

Item

JOINERY FITTINGS

13 Provide the sum of R 10 000-00 (Ten thousand Rands) for the supply, delivery and installation of Joinery Fittings complete.

Item 10 000.00

14 Add for profit upon above, if required.

Item

15 Add for attendance

Item

SIGNAGE

16 Provide the sum of R 20 000-00 (Thirty thousand rand) for supply and installation signage complete

Item 20 000.00

17 Add for profit upon above, if required.

Item

18 Add for attendance

Item

BUDGETARY ALLOWANCES

19 Provide the sum of R 220 000-00 (Two hundred and Twenty thousand Rand) for Stormwater Drainage

Item 220 000.00

Carried to Collection

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Section No. 4

Bill No. 1

PROVISIONAL SUMS

MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE

Section No. 4

Bill No. 1

PROVISIONAL SUMS

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Section No. 4

Bill No. 1

PROVISIONAL SUMS

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO 5</u>			
	<u>BILL NO 3</u>			
	<u>FENCING AND GATES</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For Preambles see "Supplementary Model Preambles For Trades"			
	<u>Gates</u>			
1	Galvanised mild steel swinging pedestrian gate to be welded onto 100x100mm square tubing posts with 120x185x15mm heavy duty bullet hinges	No 2		
2	Automatic security boom gate	No 2		
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Bill No. 2				
Fencing and gates				
MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE FOR DEPARTMENT OF AGRICULTURE				

SECTION SUMMARY - EXTERNAL WORKS

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1 General Siteworks

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2 Fencing and gates

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Section No. 5

**MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE
FOR DEPARTMENT OF AGRICULTURE**

Section No	FINAL SUMMARY	Page No	Amount
1	PRELIMINARIES	25	
2	ALTERATIONS	28	
3	BUILDING WORK	67	
4	PROVISIONAL SUMS	70	
5	EXTERNAL WORKS	73	
	Sub-total		R
	<u>Contingencies</u>		
	Allow an Amount of R 200 000.00 (Two hundred Thousand) for contingencies to be used as directed by the Project Manager and to be deducted in full if not used.	Item	200 000.00
	Sub-total		R
	<u>Value Added Tax</u>		
	Allow for Value Added Tax (15%)		R
	CARRIED TO FORM OF OFFER		R
	MADZIVHANDILA COLLEGE OF AGRICULTURE GUARDHOSE FOR DEPARTMENT OF AGRICULTURE		