

**TENDER NUMBER: LDPWRI- B/20403**

**APPOINTMENT OF CONTRACTOR FOR THE COMPLETION OF  
EPHRAIM MOGALE COST CENTRE IN THE SEKHUKHUNE DISTRICT**

**For the**

**DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**

**THROUGH THE FRAMEWORK CONTRACT CATEGORY C  
(3GB AND ABOVE)**

**Issued by:**

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

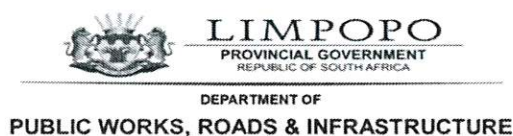
**Contact Person: General Queries**

Name : Mr NJ Motsopye,  
Tel No. : 015 284 7126  
Email : [motsopyen@dpw.limpopo.gov.za](mailto:motsopyen@dpw.limpopo.gov.za)

**Technical: Technical Queries**

Name : Mr. Richard Nthabalala  
Tel No. : 015 284 7375  
Email : [nthabalalar@dpw.limpopo.gov.za](mailto:nthabalalar@dpw.limpopo.gov.za)

**Name of the Tenderer:.....**



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**LIMPOPO**  
PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF  
PUBLIC WORKS, ROADS & INFRASTRUCTURE

## **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 COMPLETION OF EPHRAIM MOGALE COST CENTRE IN THE SEKHUKHUNE DISTRICT** for a period of 6 months. It is estimated that tenderers must have a CIDB contractor grading designation of **3GB** or higher.

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

<b>Project Name</b>	<b>COMPLETION OF EPHRAIM MOGALE COST CENTRE IN THE SEKHUKHUNE DISTRICT</b> for a period of 6 months.	
<b>Tender Number</b>	LDPWRI- B/20403	
<b>Tender documents availability</b>	Limpopo Department of Public Works, Roads and Infrastructure website	
<b>Address for submission of tenders</b>	DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE.  Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699.	
<b>Closing date of the tender</b>	<b>As per Tender invite</b>	
<b>Closing time of the tender</b>	<b>As per Tender invite</b>	
<b>Compulsory briefing meeting</b> ( <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 checked="" type="checkbox"/> No <input type="checkbox"/>	
	Meeting venue	<b>As per Tender invite</b>
	Date	<b>As per Tender invite</b>
	Time:	<b>As per Tender invite</b>
<b>Evaluation criteria</b>	<ol style="list-style-type: none"> <li>1. Compliance with mandatory or compulsory requirements</li> <li>2. Risk assessment on current projects</li> <li>3. Price</li> <li>4. Preference</li> </ol>	
<b>Mandatory or Compulsory Requirements</b> ( <i>failure to submit or comply with these requirements will lead to automatic disqualification</i> )	Only tenderers who are appointed on category A registered with the Construction Industry Development Board (CIDB) with designation of <b>3 GB</b> or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations are eligible to have their tenders evaluated	
	Completed and signed Form of Offer	



## 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 <a href="http://www.cidb.org.za">www.cidb.org.za</a>) 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 <b>No. 36190 of 25 February 2013</b>. In this case, contractor shall provide a <b>minimum Contract Participation Goal (CPG) of 5%</b> 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><b>The Tender</b>  <b>Part T1: Tendering procedures</b>  T1.1 Tender notice and invitation to tender  T1.2 Tender data</p> <p><b>Part T2: Returnable documents</b>  T2.1 List of returnable documents  T2.2 Returnable schedules</p>
	<p><b>The Contract Part C1: Agreements and contract data</b>  C1.1 Form of offer and acceptance  C1.2 Contract data  C1.3 Joint Venture Agreement (If Applicable)</p> <p><b>The Contract Part C2: Pricing data</b>  C2.1 Pricing instructions  C2.2 Bills of Quantities</p> <p><b>Part 3: Scope of work</b>  C3.1 Special Notes to Tenderers</p>

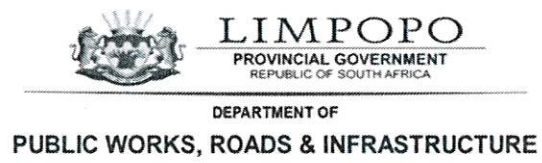
C.1.4	<p>All communications related to this tender should be directed to the persons indicated under Enquires on this tender document.</p> <p>Attention is also drawn to the fact that verbal information, given by the Employer's agent during site visits/clarification meetings or at any other time prior 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.
C1.6.2	A competitive negotiation procedure will not be followed.
C1.6.3	A two-stage system will not be followed.
C.2.1	<p><b>Eligibility in respect of CIDB grading</b></p> <p>Only tenderers who are appointed on framework agreement category A and registered with the Construction Industry Development Board (CIDB) with designation of <b>3GB</b> or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, are eligible to have their tenders evaluated.</p>
C2.2	<p><b>Cost of tendering</b></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><b>Compulsory site briefing</b></p> <p>A compulsory briefing meeting will be held <b>as per Tender invite</b></p> <p>Tenderers must sign the attendance list in the name of the tendering entity. Addenda (if any) will be issued only to those tendering entities appearing on the attendance list.</p>
C.2.11	<p><b>Alterations to the documents</b></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><b>Alternative tender offer</b></p> <p>No alternative tender offer is permitted in this tender.</p>
C.2.13.2	<p><b>Replace sub-clause C.2.13.2 with the following;</b></p> <p>Return all returnable documents to the employer after completing them in their entirety by writing in <b>non-erasable black ink</b></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.



**TENDER NO.: LDPWRI-20403 - COMPLETION OF EPHRAIM MOGALE COST CENTRE IN THE SEKHUKHUNE DISTRICT FOR THE LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**

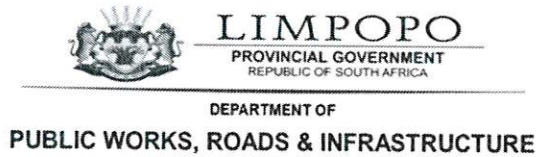
C.2.13.5	<p>The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are:</p> <p><b>Location of tender box: DEPARTMENT OF PUBLIC WORKS, ROADS &amp; INFRASTRUCTURE.</b>  <b>Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699</b>  <b>Identification details:</b> Sealed Tender with Tender reference number, Title of Tender and the closing date and time of the tender.</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 <b>12 weeks or 90 days</b> .
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"> <li>- Persons who had no franchise in national elections prior to 1983 and 1993 - <b>Attach Directors 's certified copy of South African ID &amp; CK</b></li> <li>- Promotion of Women owned enterprises - <b>Attach Director's certified copy of South African ID &amp; CK</b></li> <li>- Disabled persons - <b>Attach letter/medical certificate from Healthcare Professional</b></li> <li>- Promotion of SMMEs - <b>Attach latest Financial Statement</b></li> <li>- Enterprise located in Limpopo Province - <b>Attach proof of Enterprise Address/Lease agreement</b></li> <li>- Promotion of youth - <b>Attach Directors 's certified copy of South African ID</b></li> <li>- South African owned enterprises - <b>Attach Directors 's certified copy of South African ID &amp; CK</b></li> </ul>
	<p><b>CIDB Grading Certificate</b></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><b>Letter of Good Standing</b></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 <b>not</b> be opened immediately after the closing time for tenders.

C.3.2.2	<p>The tenderers will be evaluated in four stages</p> <ul style="list-style-type: none"> <li>(i) Stage 1: Compliance with mandatory requirements as stated in Part T1.1</li> <li>(ii) Stage 2: Risk assessment on current projects</li> <li>(iii) Stage 3: Price</li> <li>(iv) Stage 4: Preference</li> </ul> <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&amp;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> <ul style="list-style-type: none"> <li>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.</li> <li>b) Stage 2: Risk assessment on current projects</li> </ul> <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> <ul style="list-style-type: none"> <li>c) Stage 3 and 4: Price and Preference</li> </ul> <p>The procedure for final evaluation of responsive tenders is Method 2 (Financial offer and preference). The total number of tender evaluation points (<math>T_{EV}</math>) shall be determined in accordance with the following formula.</p> $T_{EV} = N_{FO} + N_P$ <p><math>N_{FO}</math> 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><math>P_m</math> is the lowest Comparative tender price</p> <p><math>P_o</math> is the comparative price under consideration</p> <p><math>N_P</math> 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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## 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 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 Signed Record of Addenda to tender documents (if applicable)
- 2.4 Signed Proposed Amendments and Qualifications (if applicable)
- 2.5 Proof of Specific Goals for award of the Preference Points
- 2.6 SBD 1 – Completed and signed
- 2.7 SBD 6.1 – Completed and signed
- 2.8 Declaration on the Status of Administrative Compliance - Completed and Signed
- 2.9 CIDB grading certificate – 3GB or Higher
- 2.10 CSD Report
- 2.11 Declaration of current projects
- 2.12 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, 2.2, 2.3, 2.4 and 2.8
- II. The tenderer who appears on National Treasury's list of black listed entities.

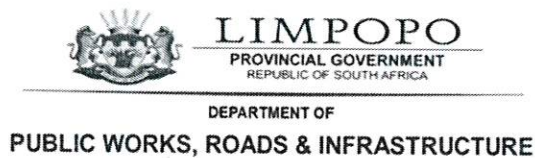


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DEPARTMENT OF  
**PUBLIC WORKS, ROADS & INFRASTRUCTURE**

**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.	Record of Addenda	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	Proposed Amendments and Qualifications	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	Proof of Specific Goal for Award of the Preference Points	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	SBD 1	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	SBD 6.1	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	Declaration on the Status of Administrative Compliance	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	CIDB Grading Certificate: 3GB or higher	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	CSD Report	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	Declaration of Current Projects	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	JV Agreement (if applicable)	<input type="checkbox"/> Yes <input type="checkbox"/> No



## 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 \_\_\_\_\_

Enterprise \_\_\_\_\_



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REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF  
**PUBLIC WORKS, ROADS & INFRASTRUCTURE**

**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:

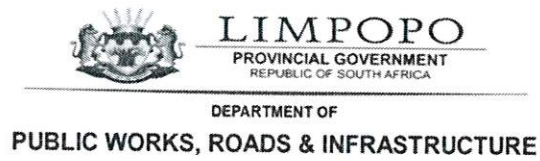
	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Position \_\_\_\_\_

Tenderer \_\_\_\_\_



## 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**

<b>YOU ARE HEREBY INVITED TO TENDER FOR REQUIREMENTS OF THE LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE</b>									
<b>TENDER NUMBER:</b>	LDPWRI-B/20403	<b>CLOSING DATE</b>	As per Tender Advert	<b>CLOSING TIME:</b>	11:00am				
<b>DESCRIPTION</b>	<b>COMPLETION OF EPHRAIM MOGALE COST CENTRE IN THE SEKHUKHUNE DISTRICT</b>								
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.									
<b>TENDERING PROCEDURE ENQUIRIES MAY BE DIRECTED TO</b>									
CONTACT PERSON	Mr. NJ Motsopye								
TELEPHONE NUMBER	0152847126	E-MAIL ADDRESS	motsopyen@dpw.limpopo.gov.za						
CONTACT PERSON (TECHNICAL)	Mr. Richard Nthabalala								
TELEPHONE NUMBER	015 284 7375	E-MAIL ADDRESS	nthabalalar@dpw.limpopo.gov.za						
<b>SUPPLIER INFORMATION</b>									
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				
<table border="1"> <tr> <td>ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?</td> <td> <input type="checkbox"/> Yes      <input type="checkbox"/> No                      [IF YES ENCLOSE PROOF]                 </td> <td>ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?</td> <td> <input type="checkbox"/> Yes   <input type="checkbox"/> No                      [IF YES, ANSWER THE QUESTIONNAIRE BELOW]                 </td> </tr> </table>						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]
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]						
<b>QUESTIONNAIRE TO TENDERING FOREIGN SUPPLIERS</b>									
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

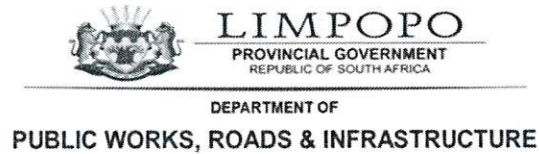
<b>1. TENDER SUBMISSION:</b>
1.1. TENDERS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE TENDERS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. <b>ALL TENDERS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE TENDER DOCUMENT.</b>
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.
1.4. <b>THE SUCCESSFUL TENDERER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</b>
<b>2. TAX COMPLIANCE REQUIREMENTS</b>
2.1 TENDERERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 TENDERERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
2.4 TENDERERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE TENDER.
2.5 IN TENDERS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
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.
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."

**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**

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#### **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:** .....

.....

.....



DEPARTMENT OF  
PUBLIC WORKS, ROADS & INFRASTRUCTURE[illegible]

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**

1. Do you have the current projects being executed 

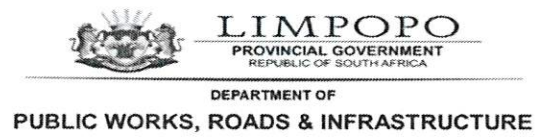
YES	NO
-----	----

 (Tenderer **MUST** Tick One)
2. 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.

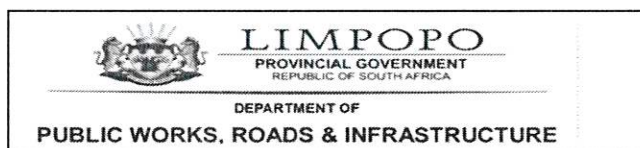
Project Description	Project Value	Start Date	Planned End Date	Client Name	Contact Person Contact Number

TENDER NO.: LDPWRI-20403 - COMPLETION OF EPHRAIM MOGALE COST CENTRE IN THE SEKHUKHUNE DISTRICT FOR THE LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE



## 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:

#### COMPLETION OF EPHRAIM MOGALE COST CENTRE IN THE SEKHUKHUNE DISTRICT

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

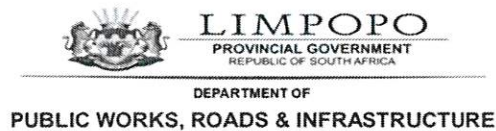
1 Subject .....	
Details .....	
.....	
.....	
.....	
2 Subject .....	
Details .....	
.....	
.....	
.....	
3 Subject .....	
Details .....	
.....	
.....	
.....	
4 Subject .....	
Details .....	
.....	
.....	
.....	

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.

.....





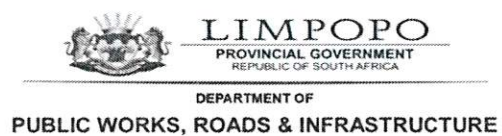
## C1.2 CONTRACT DATA

The Conditions of Contract are clauses 1 to 41 of the **JBCC Series 2000 Principal Building Agreement (Edition 4.1 of March 2005)** published by the Joint Building Contracts Committee.

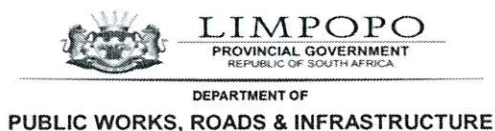
Copies of these conditions of contract may be obtained from the Association of South African Quantity Surveyors (011-3154140), Master Builders Association (011-205-9000; 057- 3526269) South African Association of Consulting Engineers (011-4632022) or South African Institute of Architects (051-4474909;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

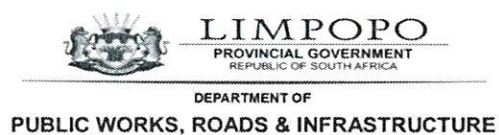


## PART C2: PRICING DATA



## 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).



## PART C2.2: BILLS OF QUANTITIES



**DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**  
**BILLS OF QUANTITIES**  
**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO. 1</u></b>			
	<b><u>BILL NO. 1</u></b>			
	<b><u>PRELIMINARIES</u></b>			
	<b><u>NOTE</u></b>			
	i) The agreement is to be the JBCC Series 2000 Principal Building Agreement (Edition 4.1) prepared by the Joint Building Contracts Committee, March 2005			
	ii) The preliminaries are to be the JBCC Series 2000 Preliminaries prepared by the Joint Building Contracts Committee, March 2005 edition and shall be deemed to be incorporated herein			
	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			
	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			
	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			
	vii) Any reference to the words "Tender" or "Tenderer" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder"			
	<b>Carried Forward</b>		R	
	Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES			

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

<p style="text-align: right;">Brought Forward</p> <p><b><u>SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT</u></b></p> <p><b><u>Definitions (A1)</u></b></p> <p>1 Definitions and interpretation (clause 1)</p> <p>Clause 1.1 Definition of "<b>Agreement</b>" is amended by replacing it with the following:</p> <p><b>Agreement</b> means the agreement arising from the signing of the Form of Offer and Acceptance by the parties.</p> <p>Clause 1.1 Definition of "<b>Bills of Quantities</b>" is amended by adding the following:</p> <p>"...and the Pricing Instructions contained in the Pricing Data" after the word measuring system.</p> <p>Clause 1.1 Definition of "<b>Contract Documents</b>" is amended by adding the following:</p> <p>".....this Agreement and all other documents referenced therein.." after the word this document</p> <p>Clause 1.1 Definition of "<b>Contract Drawings</b>" is amended by replacing it with the following:</p> <p><b>Contract Drawings</b> means the drawings upon which the tender was accepted and used in preparing the bills of quantities and are available for viewing at the offices of the Principal Agent at the time of tender</p> <p>Clause 1.1 Definition of "<b>Contract Sum</b>" is amended by replacing it with the following:</p>		R	
<p><b>Contract Sum</b> means the total of prices in the Form of Offer and Acceptance.</p> <p>Clause 1.1 Definition of "<b>Schedule</b>" is amended by adding the following:</p> <p>".....and in the <b>Contract Data</b>". at the end on the sentence ending with <b>agreement</b></p> <p>Clause 1.1 Definition of "<b>Commencement Date</b>" is added:</p>			
<p>Carried Forward</p>		R	
<p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p>			

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

<p style="text-align: center;"><b>Brought Forward</b></p> <p>"Commencement date" means the date that the agreement, made in terms of the Form of Offer and Acceptance, comes into effect</p> <p>Clause 1.1 Definition of "<b>Construction Guarantee</b>" is amended by replacing it with the following:</p> <p>"<b>Construction guarantee</b>" means guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule</p> <p>Clause 1.1 Definition of "<b>Construction Period</b>" is amended by replacing it with the following:</p> <p>"<b>Construction period</b>" means the period commencing on the commencement date and ending on the date of practical completion</p> <p>Clause 1.1 Definition of "<b>Corrupt Practice</b>" is added:</p> <p>"<b>Corrupt Practice</b>" means the offering , giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution</p> <p>Clause 1.1 Definition of "<b>Fraudulent Practice</b>" is added:</p> <p>"<b>Fraudulent Practice</b>" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.</p>		R	
<p>Clause 1.1 Definition of "<b>Interest</b>" is amended by replacing it with the following:</p> <p>"<b>Interest</b>" means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999).</p>			
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p>		R	

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

<b>Brought Forward</b>			R	
<p>Clause 1.1 Definition of "<b>Principal Agent</b>" is amended by replacing it with the following:</p> <p><b>"Principal Agent"</b> means the person or entity appointed by the <b>employer</b> and named in the <b>schedule</b>. In the event of a <b>principal agent</b> not being appointed, then all the duties and obligations of a <b>principal agent</b> as detailed in the <b>agreement</b> shall be fulfilled by a representative of the <b>employer</b> as named in the <b>schedule</b>.</p> <p>Clause 1.1 Definition of "<b>Security</b>" is amended by replacing it with the following:</p> <p><b>Security</b>" means the form of security provided by the <b>employer</b> or <b>contractor</b>, as stated in the <b>schedule</b>, from which the <b>contractor</b> or <b>employer</b> may recover expense or loss</p> <p>1.6 Any notice given may be delivered by hand, sent by prepaid registered post or telefax. Notice shall be presumed to have been duly given when:</p> <p>1.6.4 No clause</p>				
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
<b><u>Objective and Preparation (A2 - A14)</u></b>				
2	Offer, acceptance and performance (clause 2)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
<b>Carried Forward</b>			R	
<p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p>				



**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

Section No. 1  
PRELIMINARIES  
Bill No. 1  
PRELIMINARIES

**BILLS OF QUANTITIES**  
**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

Section No. 1  
PRELIMINARIES  
Bill No. 1  
PRELIMINARIES

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
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COMPLETION OF EPHRAIM MOGALE COST CENTRE

	<b>Brought Forward</b>			R	
9	Indemnities (clause 9)				
	Clause 9.0 is amended by adding Clause 9.1.4:				
	The <b>contractor</b> indemnifies and holds harmless the <b>employer</b> against all liability, losses, claims, damages, penalties, actions, proceedings or judgments (collectively referred to as "Losses") arising from any infringement of letters, patent design, trademark, name, copyright or other protected rights in respect of any machine, plant, work, materials, thing, system or method of using, fixing, working or arrangement used or fixed or supplied by the <b>contractor</b> , but such indemnity shall not cover any use of the equipment of part thereof otherwise than in accordance with the provisions of the specification. All payments and royalties payable in one sum or by installments or otherwise shall be included by the <b>contractor</b> in the price and shall be paid by him to those to whom they may be payable. The <b>contractor</b> shall reimburse the <b>employer</b> for all legal and other costs and expenses, including without limitation attorney's fees on attorney-client scale incurred by the <b>employer</b> in connection with investigation, defending or settling any Losses in connection with pending or threatening litigation in which the <b>employer</b> is a party.				
	Fixed	Item			
	Value Related	Item			
	Time Related	Item			
10	Works insurances (clause 10)				
	Clause 10.0 is amended by the addition of the following clauses				
	<b>10.5 Damage to the Works</b>				
	(a) Without in any way limiting the <b>contractor's</b> obligations in terms of the contract, the <b>contractor</b> shall bear the full risk of damage to and/or destruction of the <b>works</b> by whatever cause during construction of the <b>works</b> and hereby indemnifies and holds harmless the <b>employer</b> against any such damage. The <b>contractor</b> shall take such precautions and security measures and other steps for the protection and security of the <b>works</b> as the				
	<b>Carried Forward</b>			R	
	Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES				

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
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<p style="text-align: right;"><b>Brought Forward</b></p> <p><b>contractor</b> may deem necessary</p> <p>b) The <b>contractor</b> shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the <b>works</b> and to rebuild, restore, replace and/or repair the <b>works</b></p> <p>(c) The <b>employer</b> shall carry the risk of damage to or destruction of the <b>works</b> and material paid for by the <b>employer</b> that is the result of the excepted risks as set out in 10.6</p> <p>(d) Where the <b>employer</b> bears the risk in terms of this contract, the <b>contractor</b> shall, if requested to do so, reinstate any damage or destroyed portions of the <b>works</b> and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof</p> <p><b>10.6 Injury to Persons or loss of or damage to Properties</b></p> <p>(a) The <b>contractor</b> shall be liable for and hereby indemnifies the <b>employer</b> against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the <b>works</b> unless due to any act or neglect of any person for whose actions the <b>employer</b> is legally liable</p> <p>(b) The <b>contractor</b> shall be liable for and hereby indemnifies the <b>employer</b> against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the <b>site</b>, whether belonging to or under the control of the <b>employer</b> or any other body or person, arising out of or in the course of or by reason of the execution of the <b>works</b> unless due to any act or neglect of any person for whose actions the <b>employer</b> is legally liable</p> <p>c) The <b>contractor</b> shall, upon receiving a <b>contract instruction</b> from the <b>principal agent</b>, cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the <b>employer</b> shall be entitled to</p> <p style="text-align: right;"><b>Carried Forward</b></p>		R	
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<p style="text-align: right;"><b>Brought Forward</b></p> <p>cause it to be made good and to recover the cost thereof from the <b>contractor</b> or to deduct the same from amounts due to the <b>contractor</b></p> <p>(d) The <b>contractor</b> shall be responsible for the protection and safety of such portions of the premises placed under his control by the <b>employer</b> for the purpose of executing the <b>works</b> until the issue of the <b>certificate of practical completion</b></p> <p>(e) Where the execution of the <b>works</b> involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the <b>contractor</b> shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the <b>works</b> has been completed</p> <p>(f) The <b>contractor</b> shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the <b>works</b></p> <p><b>10.7 High risk insurance</b></p> <p>In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:</p>		R	
<p><b>10.7.1 Damage to the works</b></p> <p>The <b>contractor</b> shall, from the commencement date of the <b>works</b> until the date of the <b>certificate of practical completion</b> bear the full risk of and hereby indemnifies and holds harmless the <b>employer</b> against any damage to and/or destruction of the <b>works</b> consequent upon a catastrophic ground movement as mentioned above. The <b>contractor</b> shall take such precautions and security measures and other steps for the protection of the <b>works</b> as he may deem necessary</p>			
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p>		R	

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<p>When so instructed to do so by the principal agent, the contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works, at the contractor's own costs.</p> <p><b>10.7.2 Injury to persons or loss of or damage to property</b></p> <p>The <b>contractor</b> shall be liable for and hereby indemnifies and holds harmless the <b>employer</b> against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above</p> <p>The <b>contractor</b> shall be liable for and hereby indemnifies the <b>employer</b> against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the <b>site</b>, whether belonging to or under the control of the <b>employer</b> or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract</p> <p><b>10.7.3</b> It is the responsibility of the <b>contractor</b> to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the <b>contractor's</b> obligations in terms of the contract, the <b>contractor</b> shall, within twenty-one (21) <b>calendar days</b> of the <b>commencement date</b> but before commencement of the <b>works</b>, submit to the <b>employer</b> proof of such insurance policy, if requested to do so</p> <p><b>10.7.4</b> The <b>employer</b> shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the <b>contractor's</b> default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the <b>contractor</b> or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the <b>employer</b> and the <b>contractor</b> and for this purpose all these contracts shall be considered one indivisible whole</p>			
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	Brought Forward		R	
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
11	Liability insurances (clause 11)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
12	Effecting insurances (clause 12)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
13	No clause (clause 13)	Item		
14	Security (clause 14)			
	14.0 Replace the entire clause 14.0 with the following:			
	14.0 Security			
	14.1 In respect of contracts with a <b>contract sum</b> up to R1 million, the <b>security</b> to be provided by the <b>contractor</b> to the <b>employer</b> will be a payment reduction of five per cent (5%) of the value certified in the <b>payment certificate</b> (excluding VAT)			
	14.1.1 The payment reduction of the value certified in a <b>payment certificate</b> shall be <i>mutatis mutandi</i> in terms of 31.8(A)			
	14.1.2 The <b>employer</b> shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the <b>employer</b> complies with the provisions of 33.4 in which event the <b>employer's</b> entitlement shall take precedence over his obligations to refund the payment reduction <b>security</b> or portions			
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<p style="text-align: right;"><b>Brought Forward</b></p> <p><b>security</b></p> <p>thereof to the <b>contractor</b></p> <p>14.2 In respect of contracts with a <b>contract sum</b> above R1 million, the <b>contractor</b> shall have the right to select the <b>security</b> to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the <b>schedule</b>. Such <b>security</b> shall be provided to the <b>employer</b> within twenty-one (21) <b>calendar days</b> from <b>commencement date</b>. Should the <b>contractor</b> fail to select the <b>security</b> to be provided or should the <b>contractor</b> fail to provide the <b>employer</b> with the selected <b>security</b> within twenty-one (21) <b>calendar days</b> from <b>commencement date</b>, the <b>security</b> in terms of 14.7 shall be deemed to have been selected.</p> <p>14.3 Where the <b>security</b> as a cash deposit of ten per cent (10%) of the <b>contract sum</b> (excluding VAT) has been selected:</p> <p>14.3.1 The <b>contractor</b> shall furnish the <b>employer</b> with a cash deposit equal in value to ten per cent (10%) of the <b>contract sum</b> (excluding VAT) within twenty-one (21) <b>calendar days</b> from <b>commencement date</b>.</p> <p>14.3.2 Within twenty-one (21) <b>calendar days</b> of the date of <b>practical completion</b> of the <b>works</b> the <b>employer</b> shall reduce the cash deposit to an amount equal to three per cent (3%) of the <b>contract value</b> (excluding VAT), and refund the balance to the <b>contractor</b>.</p> <p>14.3.3 Within twenty-one (21) <b>calendar days</b> of the date of <b>final completion</b> of the <b>works</b> the <b>employer</b> shall reduce the cash deposit to an amount equal to one per cent (1%) of the <b>contract value</b> (excluding VAT) and refund the balance to the <b>contractor</b>.</p> <p>14.3.4 On the date of payment of the amount in the final <b>payment certificate</b>, the <b>employer</b> shall refund the remainder of the cash deposit to the <b>contractor</b>.</p> <p>14.3.5 The <b>employer</b> shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the <b>employer</b> complies with the provisions of 33.4 in which event the <b>employer's</b> entitlement shall take precedence over his obligations to refund the cash deposit <b>security</b> or portions thereof to the <b>contractor</b>.</p> <p>14.3.6 The parties expressly agree that neither the <b>employer</b> nor the <b>contractor</b> shall be entitled to cede the rights to the deposit to any third party.</p> <p style="text-align: right;"><b>Carried Forward</b></p>		R	
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<p>14.4 Where <b>security</b> as a variable <b>construction guarantee</b> of ten percent (10%) of the <b>contract sum</b> (excluding VAT) has been selected:</p> <p>14.4.1 The <b>contractor</b> shall furnish the <b>employer</b> with an acceptable variable <b>construction guarantee</b> equal in value to ten per cent (10%) of the <b>contract sum</b> (excluding VAT) within twenty-one (21) <b>calendar days</b> from <b>commencement date</b></p> <p>14.4.2 The variable <b>construction guarantee</b> shall reduce and expire in terms of the Variable <b>Construction Guarantee</b> form included in the invitation to tender</p> <p>14.4.3 The <b>employer</b> shall return the variable <b>construction guarantee</b> to the <b>contractor</b> within fourteen (14) <b>calendar days</b> of it expiring</p> <p>14.4.4 Where the <b>employer</b> has a right of recovery against the <b>contractor</b> in terms of 33.0, the <b>employer</b> shall issue a written demand in terms of the variable <b>construction guarantee</b></p> <p>14.5 Where <b>security</b> as a fixed <b>construction guarantee</b> of five per cent (5%) of the <b>contract sum</b> (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the <b>payment certificate</b> (excluding VAT) has been selected:</p> <p>14.5.1 The <b>contractor</b> shall furnish a fixed <b>construction guarantee</b> to the <b>employer</b> equal in value to five per cent (5%) of the <b>contract sum</b> (excluding VAT)</p> <p>14.5.2 The fixed <b>construction guarantee</b> shall come into force on the date of issue and shall expire on the date of the last certificate of <b>practical completion</b></p> <p>14.5.3 The <b>employer</b> shall return the fixed <b>construction guarantee</b> to the <b>contractor</b> within fourteen (14) <b>calendar days</b> of it expiring</p> <p>14.5.4 The payment reduction of the value certified in a <b>payment certificate</b> shall be in terms of 31.8(A) and 34.8</p> <p>14.5.5 Where the <b>employer</b> has a right of recovery against the <b>contractor</b> in terms of 33.0, the <b>employer</b> shall be entitled to issue a written demand in terms of</p>		
Carried Forward	R	
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<p style="text-align: right;"><b>Brought Forward</b></p> <p>the fixed <b>construction guarantee</b> or may recover from the payment reduction or may do both</p> <p>14.6 Where <b>security</b> as a cash deposit of five per cent (5%) of the <b>contract sum</b> (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the <b>payment certificate</b> (excluding VAT) has been selected:</p> <p>14.6.1 The <b>contractor</b> shall furnish the <b>employer</b> with a cash deposit equal in value to five per cent (5%) of the <b>contract sum</b> (excluding VAT) within twenty-one (21) <b>calendar days</b> from <b>commencement date</b></p> <p>14.6.2 Within twenty-one (21) <b>calendar days</b> of the date of <b>practical completion</b> of the <b>works</b> the <b>employer</b> shall refund the cash deposit in total to the <b>contractor</b></p> <p>14.6.3 The payment reduction of the value certified in a <b>payment certificate</b> shall be <i>mutatis mutandi</i> in terms of 31.8(A)</p> <p>14.6.4 Where the <b>employer</b> has a right of recovery against the <b>contractor</b> in terms of 33.0, the <b>employer</b> may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both</p> <p>14.7 Where <b>security</b> as a payment reduction of ten per cent (10%) of the value certified in the <b>payment certificate</b> (excluding VAT) has been selected:</p> <p>14.7.1 The payment reduction of the value certified in a <b>payment certificate</b> shall be <i>mutatis mutandi</i> in terms of 31.8(B)</p> <p>14.7.2 The <b>employer</b> shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the <b>employer</b> complies with the provisions of 33.4 in which event the <b>employer's</b> entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the <b>contractor</b></p> <p>14.8 Payments made by the guarantor to the <b>employer</b> in terms of the fixed or variable <b>construction guarantee</b> shall not prejudice the rights of the <b>employer</b> or <b>contractor</b> in terms of this <b>agreement</b></p> <p>14.9 Should the <b>contractor</b> fail to furnish the <b>security</b></p> <p style="text-align: right;"><b>Carried Forward</b></p>		R	
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	in terms of 14.2 the <b>employer</b> , in his sole discretion, and without notification to the <b>contractor</b> , is entitled to change the <b>contractor's</b> selected form of <b>security</b> to that of a ten per cent (10%) payment reduction of the value certified in the <b>payment certificate</b> (excluding VAT), where after 14.7 shall be applicable			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b><u>Execution (A15 - A23)</u></b>			
15	Preparation for and execution of the works (clause 15)			
	Clause 15.1.1 is amended by replacing it with:			
	No clause			
	Clause 15.1.2 is amended by replacing it with:			
	The <b>security</b> selected in terms of 14.0			
	Clause 15.1 is amended by the addition of the following clause:			
	15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993) or latest edition, revision and amendments, within twenty-one (21) <b>calendar days</b> of <b>commencement date</b>			
	Clause 15.2.1 is amended by replacing it with the following clause:			
	Give the <b>contractor</b> possession of the <b>site</b> within ten (10) <b>working days</b> of the <b>contractor</b> complying with the terms of 15.1.			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
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		<b>Brought Forward</b>		R	
16	Access to the works (clause 16)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
17	Contract instructions (clause 17)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
18	Setting out of the works (clause 18)				
	<p><i>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</i></p> <p><i>The contractor shall perform tolerance control checks regularly throughout the contract period and report on this at regular interval to the Principal Agent in the approved format. Should the contractor fail to comply with this requirement to the satisfaction of the the Principal Agent, progressively as the structure is being constructed, the Employer will commission a Registered Land Surveyor to do so on the Contractor's behalf and at the Contractor's Expense.</i></p>				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
19	Assignment (clause 19)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
		<b>Carried Forward</b>		R	
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	<b>Brought Forward</b>		R	
20	Nominated sub-contractors (clause 20)			
	Clause 20.0			
	Clause 20.1.3 is amended by replacing it with the following:			
	No Clause			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
21	Selected sub-contractors (clause 21)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
22	Employer's direct contractors (clause 22)			
	<i>The Contractor shall allow the direct contractors and employers agents access to the work, allocate reasonable space in the building for storage of their materials, tools and equipment, all to the satisfaction of the Principal Agent. The contractor shall also allow the direct contractors, etc. free of charge, use of their ablution facilities and water and power supply to the and shall in no way hinder or prevent the execution of their works. Attendance may be priced against the relevant specified items in the bills of quantities.</i>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
23	Contractor's domestic sub-contractors (Clause 23)			
	Fixed	Item		
	<b>Carried Forward</b>		R	
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		<b>Brought Forward</b>		R	
		Value Related	Item		
		Time Related	Item		
		<b><u>COMPLETION</u></b>			
		<b><u>Completion (A24-A30)</u></b>			
24	Practical completion (clause 24)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
25	Works completion (clause 25)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
26	Final completion (clause 26)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
27	Latent defects liability period (clause 27)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
28	Sectional completion (clause 28)				
		Fixed	Item		
		Value Related	Item		
		<b>Carried Forward</b>		R	
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Brought Forward			R
	Time Related	Item	
29	<p>Revision of date of practical completion (clause 29)</p> <p>Clause 29.1.1 shall be deemed to be omitted and replaced by the following:</p> <p>Inclement weather shall be defined as weather in excess of the average rainfall (volume and period) for each calender month over the past ten (10) years as recorded by the nearest commonly recognised weather bureau in the region of the project</p> <p>It shall be deemed that the contractor has adequately allowed in his programme and tendered rates for expenses which might result from delays due to average or below rainfall as described above</p> <p>Add Clause 29.9 as follows:</p> <p>Revision to the date for <b>practical completion</b> shall only be considered when work on the critical path of the agreed programme for the works is delayed."</p> <p>Add Clause 29.10 as follows:</p> <p>Clause 29.10 - Acceleration</p> <p>Clause 29.10.1 Irrespective of whether or not the <b>principal agent</b> rules that the <b>contractor</b> is entitled to an extension of time or a revision of the date for <b>practical completion</b>, the <b>principal agent</b> shall nevertheless, at any time, be entitled to instruct the <b>contractor</b> in writing to accelerate the progress of the remaining <b>works</b> to ensure that the <b>works</b> are completed by the original date for <b>practical completion</b> or revised date as the case may be.</p> <p>Clause 29.10.2 Upon receipt of such instruction, the <b>contractor</b> shall take all necessary steps to ensure that the <b>works</b> are completed timeously including the provision by him of additional resources, plant, manpower, etc and the working overtime or additional overtime beyond that contemplated at the time of tender (at all times adhering to the</p>		
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		regulations and requirements of all authorities) and by all other adequate and proper means and methods. The <b>contractor</b> shall prove that such steps are being taken if called upon to do so.			
		Clause 29.10.3 The <b>contractor's</b> entitlement to compensation arising out of or in respect of any revision to the date for <b>practical completion</b> that may have been granted by the <b>principal agent</b> or alternatively where the <b>principal agent</b> has instructed the <b>contractor</b> to accelerate, shall be adjudicated strictly in terms of clause 32.			
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
30	Penalty for non-completion (clause 30)				
	Clause 30 is amended by replacing reference to 36.3 at end of sentence with 36.0				
	The penalty per calender day shall be calculated at 0.05% of contract sum excluding contingency allowance and CPAP				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
	<b><u>Payment (A31 - A35)</u></b>				
31	31.5.2 Security adjustments in terms of 14.0 or 31.8				
	31.8 Amend as follows:				
	31.8(A) Where a <b>security</b> is selected in terms of 14.1; 14.5 or 14.6, the value of the <b>works</b> in terms of 31.4.1 and of the <b>materials and goods</b> in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:				
	31.8(A).1 Ninety-five per cent (95%) of such value in interim <b>payment certificates</b> issued up				
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<p style="text-align: right;"><b>Brought Forward</b></p> <p><b>payment</b> to the date of <b>practical completion</b></p> <p>31.8.(A).2 Ninety-seven per cent (97%) of such value in interim <b>payment certificates</b> issued on the date of <b>practical completion</b> and up to but excluding the date of <b>final completion</b></p> <p>31.8(A).3 Ninety-nine per cent (99%) of such value in interim <b>payment certificates</b> issued on the date of <b>final completion</b> and up to but excluding the final <b>payment certificate</b> in terms of 34.6</p> <p>31.8(A).4 One hundred per cent (100%) of such value in the final <b>payment certificate</b> in terms of 34.6 except where the amount certified is in favour of the <b>employer</b>. In such an event the payment reduction shall remain at the adjustment level applicable to the final <b>payment certificate</b>.</p> <p>31.8(B) Where security is a payment reduction in term of 14.7 has been selected the value of the <b>works</b> in terms of 31.4.1 and <b>materials and goods</b> in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>31.8(B).1 Ninety per cent (90%) of such value in interim <b>payment certificates</b> issued up to the date of <b>practical completion</b></p> <p>31.8(B).2 Ninety-seven per cent (97%) of such value in interim <b>payment certificates</b> issued on the date of <b>practical completion</b> and up to but excluding the date of <b>final completion</b></p> <p>31.8(B).3 Ninety-nine per cent (99%) of such value in interim <b>payment certificates</b> issued on the date of <b>final completion</b> and up to but excluding the final <b>payment certificate</b> in terms of 34.6</p> <p>31.8(B).4 One hundred per cent (100%) of such value in the final <b>payment certificate</b> in terms of 34.6 except were the amount certified is in favour of the <b>employer</b>. In such an event the payment reduction shall remain at the adjustment level applicable to the final <b>payment certificate</b></p> <p style="text-align: right;"><b>Carried Forward</b></p>		R	
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Brought Forward		R	
32	Clause 31.9 is amended by replacing "seven (7) <b>calender</b> days" with "thirty (30) <b>calender</b> days" and by deleting the words "subject to the <b>contractor</b> giving the <b>employer</b> a tax invoice for the amount due"		
	31.12 Delete the following: "Payment shall be subject to the <b>employer</b> giving the <b>contractor</b> a tax invoice for the amount due."		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
32	Adjustment to the contract value (clause 32)		
	Clause 32.0		
	Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence:		
	"due to no fault of the <b>contractor</b> "		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
33	Recovery of expense and loss (clause 33)		
	Fixed	Item	
	Value Related	Item	
	Time Related	Item	
Carried Forward		R	
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	Brought Forward		R	
	<b><u>Cancellation (A36-A39)</u></b>			
36	<p>Cancellation by employer - contractor's default (clause 36)</p> <p>Clause 36.1 is amended by the additions of the following clauses:</p> <p>36.1.3 refuses or neglects to comply strictly with any of the conditions of contract</p> <p>36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa</p> <p>36.1.5 in the judgement of the <b>employer</b>, has engaged in <b>corrupt or fraudulent practices</b> in competing for or in executing the contract</p> <p>Clause 36.3 is amended by removing the reference to "No clause" and replacing the words "<b>principal agent</b>" with "<b>employer</b>"</p> <p>Clause 36.0 is amended by the addition of the following clause:</p> <p>Clause 36.7 Notwithstanding any clause to the contrary, on cancellation of this <b>agreement</b> either by the <b>employer</b> or the <b>contractor</b>; or for any reason whatsoever, the <b>contractor</b> shall on written instruction, discontinue with the <b>works</b> on a date stated and withdraw himself from the <b>site</b>. The <b>contractor</b> shall not be entitled to refuse to withdraw from the <b>works</b> on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	Carried Forward		R	
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	<b>Brought Forward</b>			R	
37	<p>Cancellation by employer - loss and damage (clause 37)</p> <p>Clause 37.3.5 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"</p> <p>Clause 37.0 is amended by the addition of the following clause:</p> <p>37.5 Notwithstanding any clause to the contrary, on cancellation of this <b>agreement</b> either by the <b>employer</b> or the <b>contractor</b>; or for any reason whatsoever, the <b>contractor</b> shall on written instruction, discontinue with the <b>works</b> on a date stated and withdraw himself from the <b>site</b>. The <b>contractor</b> shall not be entitled to refuse to withdraw from the <b>works</b> on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p> <p style="text-align: right;">Fixed</p> <p style="text-align: right;">Value Related</p> <p style="text-align: right;">Time Related</p>	Item			
		Item			
		Item			
38	<p>Cancellation by contractor - employer's default (clause 38)</p> <p>Clause 38.5.4 is amended by replacing "ninety (90)" with "one-hundred and twenty (120)"</p> <p>Clause 38.0 is amended by the addition of the following clause:</p> <p>Clause 38.7 Notwithstanding any clause to the contrary, on cancellation of this <b>agreement</b> either by the <b>employer</b> or the <b>contractor</b>; or for any reason whatsoever, the <b>contractor</b> shall on written instruction, discontinue with the <b>works</b> on a date stated and withdraw himself from the <b>site</b>. The <b>contractor</b> shall not be entitled to refuse to withdraw from the <b>works</b> on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p> <p style="text-align: right;">Fixed</p> <p style="text-align: right;">Value Related</p> <p style="text-align: right;">Time Related</p>	Item			
		Item			
		Item			
	<b>Carried Forward</b>			R	
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	<b>Brought Forward</b>		R	
39	Cancellation - cessation of the works (clause 39)			
	Clause 39.3.5 is amended by the addition of the following at the end of the sentence: "within one-hundred and twenty (120) <b>working days</b> of completion of such report"			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b><u>Dispute Settlement (A40)</u></b>			
40	Disputes Settlement (clause 40)			
	Clause 40.2.2 is amended by replacing "one (1) year" with "three (3) years"			
	Clause 40.6 is amended by removing the reference to:			
	No clause			
	Clause 40.7.1 is amended by replacing "(10)" with "(15)" and by the addition of the following:			
	Whether or not mediation resolves the dispute, the parties shall bear their own cost concerning the mediation and equally share the costs of the mediator and related costs.			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b><u>State Provision (A41)</u></b>			
41	State Substitutions (clause 41)			
	Delete in the Substitute Provisions (41.0 State Clauses) clauses 40.2.1, 40.2.2, 40.3, 40.4, 40.5 and 40.6 and replace with the following:			
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		R	
<b>Brought Forward</b>			
40.1 Should any dispute between the <b>employer</b> , his <b>agents</b> or <b>principal agent</b> on the one hand and the contractors on the other arise out of this <b>agreement</b> , such dispute shall be referred to adjudication.			
40.2 Adjudication shall be conducted in accordance with the edition of the JBCC Rules for Adjudication current at the time when the dispute is declared. The party, which raises the dispute, shall select three adjudicators from the panel of adjudicators published by the South African Institution of Civil Engineering or Association of Arbitrators (Southern Africa), determine their hourly fees and confirm that these adjudicators are available to adjudicate the dispute in question. The other party shall then select within 7 days one of the three nominated adjudicators, failing which the chairman for the time being of the Association of Arbitrators (Southern Africa) shall nominate an adjudicator. The <b>adjudicator</b> shall be appointed in terms of the Adjudicators Agreement set out in C1.4 .			
40.3 If provided in the <b>schedule</b> , a dispute shall be finally settled by a single Arbitrator to be agreed on between the parties or, failing such agreement within 28 days after referring the dispute to Arbitration, an Arbitrator nominated by the chairman for the time being of the Association of Arbitrators (Southern Africa). Any such reference shall be deemed to be a submission to the arbitration of a single arbitrator in terms of the Arbitration Act (Act No 42 of 1965, as amended), or any legislation passed in substitution therefore. In the absence of any other agreed procedure, the arbitration shall take place in accordance with the Rules for the Conduct of Arbitrations issued by the Association of Arbitrators (Southern Africa) which are current at the time of the referral to arbitration. The Arbitrator shall, in his award, set out the facts and the provisions of the contract on which his award is based.			
40.4 If the <b>schedule</b> provides for court proceedings to finally resolve disputes, disputes shall be determined by court proceedings.			
Fixed	Item		
<b>Carried Forward</b>			
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	Brought Forward		R	
	<b><u>Documents (B2)</u></b>			
44	Checking of documents (B2.1)			
	<i>These bills of quantities:</i>			
	(1) contain pages and annexes as indexed, and;			
	(2) are in multiple procurement format, i.e. all trades are fully measured with minor budgetary allowances			
	<i>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, 2008 edition, as recommended and published by the Association of South African Quantity Surveyors and no claim arising from brevity of description of items fully described in the said Model Preambles for Trades will be entertained</i>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
45	Provisional bills of quantities (B2.2)			
	Yes			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
46	Availability of construction documentation (B2.3)			
	<i>The minor budgetary allowances included in this document will be separately procured, based on multiple procurement of selected sub-contractors during the construction period</i>			
	Fixed	Item		
	Value Related	Item		
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		<b>Brought Forward</b>		R	
		Time Related	Item		
47	Interests of agents (B2.4)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
48	Priced documents (B2.5)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
49	Tender submission (B2.6)				
	<i>Notwithstanding anything contained in this clause tenders shall be valid for a period of ninety (90) days from the closing date of tenders</i>				
	<i>Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance C1.1"</i>				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
	<b><u>The site (B3)</u></b>				
50	Defined works area (B3.1)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
51	Geotechnical investigation (B3.2)				
		Fixed	Item		
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	<b>Brought Forward</b>		R	
	Value Related	Item		
	Time Related	Item		
52	Inspection of the site (B3.3)			
	<i>Tenderers are instructed to familiarise themselves before submission of their tender with regard to the relevant local site conditions, site accessibility, the nature of operations required, availability of labour and any conditions pertaining thereto, together with conditions relating to unloading, carting and storage of materials, equipment and tools required for the works.</i>			
	<i>No claims for extras arising from the contractor having failed to comply with this clause will be entertained</i>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
53	Existing premises occupied (B3.4)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
54	Previous work - dimensional accuracy (B3.5)			
	<i>Work executed under a previous contract and the extent thereof will be pointed out to the contractor by the principal agent on handing over of the site</i>			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
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		<b>Brought Forward</b>		R	
55	Previous work - defects (B3.6)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
56	Services - known (B3.7)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
57	Services - unknown (B3.8)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
58	Protection of trees, etc (B3.9)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
59	Articles of value (B3.10)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
60	Inspection of adjoining properties, etc (B3.11)				
		Fixed	Item		
		Value Related	Item		
		<b>Carried Forward</b>		R	
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	<b>Brought Forward</b>		R	
	Time Related	Item		
	<b><u>Management of contract (B4)</u></b>			
61	Management of the works (B4.1)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
62	Programming for the works (B4.2)			
	Clause B4.2 is hereby amended by the addition of the following:			
	Programme:			
	The contractor and the principal agent shall agree to a Contract Programme for the control of the Works.			
	The contractor shall submit a draft of the Contract Programme and method statement to the principal agent for approval together with the tender.			
	The contractor shall ensure that the contract programme:			
	1. Shall be prepared and drawn up to comply in all respects with the requirements of this Agreement.			
	2. shall be drawn up using logic developed during the tender period and complies with the planning requirements of the Client.			
	3. shall be in accordance with the dates given herein for possession and practical completion; and			
	4. shall be in sufficient and approved detail to ensure effective control of the work, including all items necessary to enable calculations to be made for the distribution of finance during the cashflow analysis.			
	5. shall be accompanied by a full written method statement			
	The principal agent shall examine and comment on the contract programme and method statement within two			
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<p style="text-align: center;"><b>Brought Forward</b></p> <p>weeks of its submission.</p> <p>Following on these comments the contractor shall amend the contract programme and method statement as may be necessary and submit the final contract programme and method statement to the principal agent for approval within a further two weeks thereafter.</p> <p>The contract programme shall be processed by computer and be presented to the principal agent in the form of logic charts and bar charts in such a way as to determine the critical path and the float on non-critical activities. All supporting printouts must be available to the principal agent on demand.</p> <p>The acceptance by the principal agent of the contract programme, or any revision thereof, does not necessarily sanction the accuracy or validity of the network logic, the correctness of individual activities in terms of description or duration, the comprehensiveness of networks or the discrepancies between drawings and any other documents presented by the contractor, and in no way relieves the responsibility of the contractor to comply with the requirements of the Agreement.</p> <p>No policy decisions other than the planning requirements, procedures and policies provided, will be enforced on the contractor regarding construction of the project and the contractor shall be responsible at all times for ensuring the accuracy, validity and reasonableness of programming information.</p> <p>Documentation will not be available in complete detail at the date of award of the contract. Non-availability of information will not be deemed an excuse for non-presentation of programmes. In the event of inadequate information, the contractor shall estimate the predicted time applications on available information and quality the submission accordingly.</p> <p>Development of the contract programme and method statement</p> <p>Within two weeks of award of the contract, the contractor shall submit an updated contract programme and written method statement which shall include the latest information in sufficient detail to permit comprehensive monitoring.</p> <p>Progress of the works will be monitored by the principal</p>		R	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p>		R	

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<p style="text-align: center;"><b>Brought Forward</b></p> <p>agent. The contractor shall liaise with the principal agent in order to provide whatever information is required to facilitate such monitoring.</p> <p>Revisions to the contract programme</p> <p>Revisions to the contract programme may be introduced periodically by the contractor subject to compliance with the contract completion and handover dates.</p> <p>Providing the required consultation between the relevant parties has highlighted the implications of the required changes, the programming strategy on the project may be changed and the changes noted and specified on logic charts delivered to the principal agent. The changes to the programme will be recorded as firm and binding once the principal agent has sanctioned the said changes.</p> <p>A revision to the programme will not invalidate the contractual completion dates and applications for extensions of time will be processed by the principal agent in accordance with the conditions of contract.</p> <p>Should the contractor fail to submit a request for revision to the construction programme , progress monitoring shall be based on the latest revised programme sanctioned by the principal agent.</p> <p>The contractor shall make all his necessary revisions on the approved network sheets clearly marking, inter-alia, the logic changes and duration changes. These will then be processed by the necessary parties and then approved in the normal manner.</p> <p>Progress Monitoring</p>		R	
<p>The contractor shall provide regular progress reports showing actual and expected progress against the latest contract programme. Progress reports shall be submitted at each site progress meeting and shall outline the progress against key target dates and deviation which has occurred against the most recently updated control programme due to the progress reflected in the as-built construction programme.</p> <p>The status of each activity must also be reported as follows:</p>			
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p>		R	



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<p style="text-align: center;"><b>Brought Forward</b></p> <p>Target - If the activity is not complete, the latest predicted completion date shall be supplied.</p> <p>Start - If the activity has commenced, the actual date shall be supplied.</p> <p>Finish - If the activity is complete, the actual completion date shall be supplied.</p> <p>Problems which may occur during execution of the contract must be specifically identified in progress reports under a separate section of the contractor's report.</p> <p>Should problems occur during the execution of the contract or the scope of work be increased or decreased, the contractor may be requested to increase the extent or the detail of the programme.</p> <p>The principal agent may recommend action to be taken by the contractor, including the revision of resource levels, but this information will not be binding on the contractor unless the recommendations are enforced in terms of the conditions of contract by the principal agent and will in no way relieve the contractor's responsibility to comply with the requirements of the Agreement.</p> <p>Extension of time</p> <p>Any extension of time which is granted by the principal agent will be annotated to affect selected activities in the programme and the associated activities will be incorporated by revisions to the programme by the contractor. Should the additional activities or the extension of time on existing activities fall on a non-critical area of the programme, extension will be limited to the activities affected by the said additional activities or extensions and the contract dates shall not be affected. If, however, the additional activities fall on the critical path, the principal agent shall take this into account when granting any extension of time in terms of the conditions of contract.</p> <p>The contractor agrees that the contract completion date (i.e. the date for practical completion) has been stipulated in the contract for the benefit of the employer, so that, without derogating from the generality of the foregoing principle it is provide that:</p> <p>1. The contractor shall not be entitled to deliver the</p> <p style="text-align: center;"><b>Carried Forward</b></p>		R	
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		site and the works to the employer prior to the contract completion date and				
	2.	Should there for any reason be any float period indicated in the contract programme prior to the contractual completion date then this float period shall be utilized to absorb any delays or extensions of time without affecting the contract completion date.				
	3.	The contractor shall, at all times, ensure that, notwithstanding the approval or sanctioning, reviewing or inspection of a programme or any revision of a programme by the principal agent in the foregoing terms, practical completion and completion of the works shall take place strictly in accordance with this Agreement.				
		A defective or faulty programme, even if so sanctioned, approved, reviewed or inspected by the principal agent, shall therefore not constitute a cause for granting an extension of time for completion of the works or for entitling the contractor to the payment by the employer in terms of the contract of any loss, compensation or damage whatsoever.				
		The contractor acknowledges that the principal agent's foregoing participation in the approval of development of, revisions to and updating of the Contract Programme shall take place in consultation with the principal agent. The contractor shall therefore provide the principal agent with such co-operation and/or information and/or access as they may reasonably require for such purposes.				
		Fixed	Item			
		Value Related	Item			
		Time Related	Item			
63	Progress meetings (B4.3)					
		Fixed	Item			
		Value Related	Item			
		Time Related	Item			
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		<b>Brought Forward</b>		R	
64	Technical meetings (B4.4)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
65	Labour and plant records (B4.5)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
	<u>Samples, shop drawings and manufacturer's instructions (B5)</u>				
66	Samp'les of materials (B5.1)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
67	Workmanship samples (B5.2)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
68	Shop drawings (B5.3)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
69	Compliance with manufacturer's instructions (B5.4)				
		Fixed	Item		
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		<b>Brought Forward</b>		R	
		Value Related	Item		
		Time Related	Item		
		<b><u>Temporary works and plant (B6)</u></b>			
70	Deposits and fees (B6.1)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
71	Enclosure of the works (B6.2)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
72	Advertising (B6.3)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
73	Plant, equipment, sheds and offices (B6.4)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
74	Main notice board (B6.5)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
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		<b>Brought Forward</b>		R	
75	Subcontractors notice board (B6.6)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
	<b><u>Temporary services (B7)</u></b>				
76	Location (B7.1)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
77	Water (B7.2)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
78	Electricity (B7.3)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
79	Telecommunication facilities (B7.4)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
80	Ablution facilities (B7.5)				
		Fixed	Item		
		<b>Carried Forward</b>		R	
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	<b>Brought Forward</b>		R	
	Value Related	Item		
81	Time Related	Item		
	<b><u>Prime cost amounts (B8)</u></b>			
82	Responsibility for prime cost amounts (B8.1)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b><u>Attendance on nominated and selected subcontractors (B9)</u></b>			
83	General attendance (B9.1)			
	The schedule rates providing for attendance on <b>nominated subcontractors</b> and other <b>contractors</b> , will be adjusted only if the scope of the work has changed			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
84	Special attendance (B9.2)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
85	Commissioning - Fuel, water and electricity (B9.3)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b>Carried Forward</b>		R	
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	Brought Forward		R	
	<b><u>General (B11)</u></b>			
90	Protection of works (B11.1)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
91	Protection/isolation of existing/sectionally occupied works(B11.2)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
92	Site security (B11.3)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
93	Notice before covering work (B11.4)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
94	Disturbance (B11.5)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
95	Enviromental disturbance (B11.6)			
	Fixed	Item		
	<b>Carried Forward</b>		R	
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		<b>Brought Forward</b>		R	
		Time Related	Item		
		Value Related	Item		
96	Works cleaning and clearing (B11.7)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
97	Vermin (B11.8)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
98	Overhand work (B11.9)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
99	Instruction manuals and guarantees (B11.10)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
100	As built information (B11.11)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
		<b>Carried Forward</b>		R	
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<p style="text-align: center;"><b>Brought Forward</b></p> <p>12.1.5 <b>Geotechnical investigation (B12.1.5)</b></p> <p>The geotechnical report is available for viewing at the offices of the Principal Agent</p> <p style="text-align: right;"><b>No</b></p> <p>12.1.6 <b>Existing premises occupied (B12.1.6)</b></p> <p>[3.4] Specific requirements: The contractor shall execute the works with as little noise and disturbance as possible</p> <p>12.1.6 <b>Existing premises occupied</b></p> <p>[3.4] Specific requirements: The contractor shall execute the works with as little noise and disturbance as possible</p> <p>12.1.7 Previous work - Dimensional accuracy (B12.1.7)</p> <p>[3.5] Details: No additional details</p> <p style="text-align: right;"><b>No</b></p> <p>12.1.8 <b>Previous work - defects</b></p> <p>[3.6] Details: No additional details</p> <p>12.1.9 Services - known (B12.1.9)</p> <p><b>Existing services and points of connection are shown on the site plan and/or will be pointed out on site by the principal agent</b></p> <p>12.1.10 <b>Protection of trees</b></p> <p>[3.9] Specific requirements: No trees to be damaged or removed except those specifically designated in writing by the Architect</p> <p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p>	<p style="text-align: center;"><b>R</b></p>	

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<p style="text-align: right;"><b>Brought Forward</b></p> <p>12.1.11 <i>Inspection of adjoining properties</i></p> <p>[3.11] Specific requirements: None</p> <p>12.1.12 <i>Enclosure of the works</i></p> <p>[6.2} Specific requirements: Areas where work is taking place shall at all times be blocked off by appropriate means</p> <p>12.1.13 <i>Offices</i></p> <p>[6.4.3] Specific requirements: The contractor shall provide, maintain and remove on completion of the works an office for the exclusive use of the principal agent, minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times.</p> <p>12.1.14 <i>Main notice board</i></p> <p>[6.5] Specific requirements: The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick 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 dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering.</p>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES</p>		R	

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<b>Brought Forward</b>				R	
12.1.15 <b>Subcontractors' notice board</b>					
[6.6]	A notice board is required (yes/no)				
NO	Specific requirements:				
12.1.16 <b>Water</b>					
[7.2]	Option A (by <b>contractor</b> ) (yes/no)				
YES					
12.1.17 <b>Electricity</b>					
[7.3]	Option A (by <b>contractor</b> ) (yes/no)				
YES					
12.1.18 <b>Telecommunications</b>					
[7.4]	Telephone (yes/no)				
YES					
	Facsimile (yes/no)				
YES					
	E-mail (yes/no)				
YES					
12.1.19 <b>Ablution facilities</b>					
[7.5]	Option A (by <b>contractor</b> ) (yes/no)				
YES					
	Option B (by <b>employer</b> ) (yes/no)				
NO					
12.1.20 <b>Protection of existing/sectionally occupied works</b>					
[11.2]	Protection is required (yes/no)				
YES					
<b>Carried Forward</b>				R	
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	Brought Forward			R	
	<p>12.1.21 <b>Special attendance</b></p> <p>The contractor must obtain information from all subcontractors at tender stage regarding special attendance that might be required and make allowance for each and every subcontract that requires special attendance</p> <p>[9.2] <b>Subcontractor</b> (1) Details:</p> <p><b>Subcontractor</b> (2) Details:</p> <p><b>Subcontractor</b> (3) Details:</p> <p>12.1.22 <b>Protection of the works</b></p> <p>[11.1] Specific requirements: All work that requires protection during construction must be adequately protected up to practical completion by the <b>contractor</b></p> <p>12.1.23 <b>Disturbance</b></p> <p>[11.5] Specific requirements: The <b>contractor</b> shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the <b>works</b> all necessary temporary dust screens all to the satisfaction of the <b>principal agent</b></p> <p>12.1.24 <b>Environmental disturbance</b></p> <p>[11.6] Specific requirements: None</p>				
103	<p>Post-tender information (B12.2)</p> <p><b>All post-tender information for this section will be determined once tender is awarded</b></p> <p style="text-align: right;">Fixed</p> <p style="text-align: right;">Value Related</p> <p style="text-align: right;">Time Related</p> <p style="text-align: right;">Carried Forward</p>	<p>Item</p> <p>Item</p> <p>Item</p>		R	
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Brought Forward		R
12.2.1 <b>Payment of preliminaries</b>		
[10.2] YES	Option A (prorated) (yes/no)	
NO	Option B (calculated) (yes/no)	
12.2.2 <b>Adjustment of preliminaries</b>		
[10.3] YES	Option A (three categories) (yes/no)	
NO	Option B (detailed breakdown) (yes/no)	
12.2.3 <b>Additional agreed preliminaries items</b>		
Details: None		
Other post tender information (B12.3)		
<b>All post-tender information for this section will be determined once tender is awarded</b>		
Fixed	Item	
Value Related	Item	
Time Related	Item	
<b><u>SECTION C: SPECIFIC PRELIMINARIES</u></b>		
Section C contains specific preliminary items which apply to this contract except where N/A (Not Applicable) appears against an item		
Carried Forward		R
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### Clause C1 - Contract drawings

The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the **works** and the manner in which they are to be executed

Should any part of the drawings not be clearly understood by the the tenderer he shall, before submitting his tender, obtain clarification in writing from the **principal agent**

Fixed

Item

Value Related

Item

## Time Related

Item

106 | **Clause C2 - General Preambles**

The "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the trades is deemed to be included herein and shall be read in conjunction with the bills of quantities and be referred to for the full descriptions of work to be done and materials to be used.

Fixed

Item

Value Related

Item

Time Related

Item

**Carried Forward**

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	Brought Forward		R	
107	<p><b>Clause C3 - Site instructions</b></p> <p>All site instructions issued on site shall be recorded in writing within seven (7) calendar days in site instruction book (A4 size and triplicate carbon format), which is to be provided and maintained by the contractor. The said site instruction book shall be kept on site at all times for the exclusive use of recording site instructions only</p> <p>Site instructions may be issued by the architect or any of the consultants only. Copies of the site instructions are to be submitted to the architect and quantity surveyor within seven (7) calendar days of such recording in the site instruction book</p> <p style="text-align: right;">Fixed</p> <p style="text-align: right;">Value Related</p> <p style="text-align: right;">Time Related</p>	<p>Item</p> <p>Item</p> <p>Item</p>		
108	<p><b>Clause C4 - Trade Names</b></p> <p>Wherever a trade name for any product has been described in the <b>bills of quantities</b>, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the <b>principal agent</b> being obtained prior to the closing date for submission of tenders</p> <p>If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for</p> <p style="text-align: right;">Fixed</p> <p style="text-align: right;">Value Related</p> <p style="text-align: right;">Time Related</p>	<p>Item</p> <p>Item</p> <p>Item</p>		
	Carried Forward		R	
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<b>Brought Forward</b>			R	
<b>Clause C8 - Occupational Health and Safety Act</b>				
<p>The <b>contractor</b> shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993), as well as all new occupational health and safety acts requirement regarding the compliance of Covid 19</p> <p>It is required of the <b>contractor</b> to thoroughly study the <b>latest</b> Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the <b>bills of quantities / lump sum document</b>.</p> <p>The <b>contractor</b> must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the <b>principal agent</b>, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress <b>payment certificate</b> until the <b>contractor</b> provides satisfactory proof of compliance. The <b>contractor</b> shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.</p> <p>Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained.</p>				
<b>PART A-OHS ACT COMPLIANCE-IMPLEMENTATION OF THE HEALTH AND SAFETY - Construction health &amp; safety documentation</b>				
114	<b>Clause C8.1.1</b> - Prepare and compile H&S plan as per site specification Health and safety Specifications (Section C3, Scope of Work), OHS Act & Regulations			
	Fixed	Item		
	Value Related	Item		
<b>Carried Forward</b>			R	
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	<b>Brought Forward</b>		R	
	Time Related	Item		
115	<b>Clause C8.1.2</b> - Allow for the preparation and compilation of the site specific health and safety file, and a health and safety working file			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
116	<b>Clause C8.1.3</b> - Appointment of a Registered Construction health and safety officer for the duration of the Contract as per Section 8(5) of the Construction Regulations 2014			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b>PART B-OHS ACT COMPLIANCE-IMPLEMENTATION OF THE HEALTH AND SAFETY - Personal Protective Clothing &amp; Equipment</b>			
117	<b>Clause C8.2.1</b> - Foot protection (steel toe cap, gum boots, etc)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
118	<b>Clause C8.2.2</b> - Clothing (Overalls Depicting Contractors Company name/identification)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b>Carried Forward</b>		R	
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	Brought Forward		R	
119	<b>Clause C8.2.3</b> - Glove (leather, PVC, Acid Resistant, etc) Item			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
120	<b>Clause C8.2.4</b> - Head Protection: Hardhats with air vents Colour Coded - Supervisory (Red) Labour (Green)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
121	<b>Clause C8.2.5</b> - Ear protection (earmuffs with 30% protective value) Item			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
122	<b>Clause C8.2.6</b> - Eye Protection (Face Shield, Goggles, Spectacles, etc)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
123	<b>Clause C8.2.7</b> - Visibility (luminous high visibility safety vests/ jackets/ bibs/ etc)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
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	Brought Forward		R	
	<b>PART C-OHS ACT COMPLIANCE-IMPLEMENTATION OF THE HEALTH AND SAFETY - Occupational medical surveillance</b>			
128	<b>Clause C8.3.1</b> - Entry Medical Examinations by a SASOHN registered Occupational Health Nurse or a SASOM registered Occupational Medical Practitioner			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
129	<b>Clause C8.3.2</b> - Exit Medical Examination			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
130	<b>Clause C8.3.3</b> -Provision of a first aid kit			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
131	<b>Clause C8.3.4</b> - Provision of a fire-fighting measures			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b>Carried Forward</b>		R	
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	Brought Forward		R	
	<b>PART D-OHS ACT COMPLIANCE-IMPLEMENTATION OF THE HEALTH AND SAFETY Education, training, signage</b>			
132	<b>Clause C8.4.1</b> - Health and safety induction site access cards			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
133	<b>Clause C8.4.2</b> - Basic First Aid training level one			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
134	<b>Clause C8.4.3</b> - Health and Safety representative			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
135	<b>Clause C8.4.4</b> - Construction (firefighting. General information, prohibitory, mandatory, warning, hazchem, photo luminescent, etc)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b>Carried Forward</b>		R	
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	<b>Brought Forward</b>		R	
136	<b>Clause C8.4.5</b> - Health and Safety information display board in site office (emergency evacuation flow diagram, emergency contact numbers, electrical, general, etc)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
137	<b>Clause C8.4.6</b> -Health and safety charts (OHS Act, Basic Conditions of Employment Act)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b>PART E - OHS AC COMPLIANCE - IMPLEMENTATION OF THE HEALTH AND SAFETY Covid-19 Compliance management</b>			
138	<b>Clause C8.5.1</b> - Covid - 19 related signage and posters			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
139	<b>Clause C8.5.2</b> - 2 x 3ply cloth masks			
	Fixed	Item		
	Value Related	Item		
	<b>Carried Forward</b>		R	
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		<b>Brought Forward</b>		R	
		Time Related	Item		
140	<b>Clause C8.5.2-</b> hand sanitizers with 70% alcohol content				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
141	<b>Clause C8.5.3</b> Decontamination agent / surface sanitizers				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
142	<b>Clause C8.5.4</b> Surgical Gloves (for security and cleaning team)				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
143	<b>Clause C8.5.5</b> Non-contact thermometers				
		Fixed	Item		
		Value Related	Item		
		Time Related	Item		
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	<b>Brought Forward</b>		R	
	Time Related	Item		
144	<b>Clause C8.5.6</b> Physical barriers to ensure social distancing (Compliance to Section 22 of the Covid-19 OHS Directive)			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
145	<b>Clause C9 - Viewing of the school areas</b>			
	The <b>site</b> is situated in a school area and the tenderer must arrange with the responsible school staff to obtain permission to enter the <b>site</b> for tendering purposes			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
146	<b>Clause C10 - Commencement of Works in School Areas</b>			
	As the <b>works</b> falls within a school area the <b>contractor</b> must give the responsible staff member notice before commencement of the <b>works</b> . Should the <b>contractor</b> fail to make such arrangements, admission to the <b>site</b> may be refused and any additional costs will be for the <b>contractor's</b> account			
	Fixed	Item		
	Value Related	Item		
	Time Related	Item		
	<b>Carried Forward</b>		R	
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	Brought Forward			R	
147	<b>Clause C11 - Entrance Permits to School Areas</b>				
	As the <b>works</b> falls within a school area the <b>contractor</b> shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under the control of the Principal, or chief security officer				
	Fixed	Item			
	Value Related	Item			
	Time Related	Item			
148	<b>Clause C12 - Security Check of Personnel</b>				
	The <b>principal agent</b> may require the <b>contractor</b> to have his personnel and workmen, or a certain number of them, security classified				
	In the event of the <b>principal agent</b> requesting the removal of a person or persons from the <b>works</b> for security reasons, the <b>contractor</b> shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the <b>works</b> and the <b>site</b> and/or to any document or information relating to the <b>works</b>				
	Fixed	Item			
	Value Related	Item			
	Time Related	Item			
	Carried Forward			R	
Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES					

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

	<b>Brought Forward</b>		R	
149	<b>Clause C13 - HIV/Aids Awareness</b>  It is required of the <b>contractor</b> to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the <b>bills of quantities</b> . Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained  The <b>contractor</b> must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the <b>principal agent</b> , notwithstanding the provisions of Clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress <b>payment certificate</b> until the <b>contractor</b> provides satisfactory proof of compliance. The <b>contractor</b> shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment  <div style="text-align: right;">Fixed</div> <div style="text-align: right;">Value Related</div> <div style="text-align: right;">Time Related</div>	<div style="text-align: right;">Item</div> <div style="text-align: right;">Item</div> <div style="text-align: right;">Item</div>		
150	<b>Clause C13.1 - Awareness Champion</b>  Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification  <div style="text-align: right;">Fixed</div> <div style="text-align: right;">Value Related</div> <div style="text-align: right;">Time Related</div>	<div style="text-align: right;">Item</div> <div style="text-align: right;">Item</div> <div style="text-align: right;">Item</div>		
	<b>Carried Forward</b>		R	
	Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES			



**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

Section No. 1  
PRELIMINARIES  
Bill No. 1  
PRELIMINARIES

**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

### Clause C13.5- Monitoring

Monitoring HIV/AIDS awareness of workers, providing the **principal agent** with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the **construction period** and close out, all in accordance with the HIV/AIDS Specification

Fixed

Item

Value Related

Item

## Time Related

Item

**Carried to Final Summary**

R

Section No. 1  
PRELIMINARIES  
Bill No. 1  
PRELIMINARIES

**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

Item No	Quantity	Rate	Amount
<p><b><u>SECTION NO.2</u></b></p> <p><b><u>BUILDING WORK</u></b></p> <p><b><u>BILL NO.1</u></b></p> <p><b><u>ROOF COVERINGS ETC</u></b></p> <p>For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades.</p> <p>-----</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>General</u></p> <p>All roof coverings, etc., to be with a covering of Z275 galvanising. All holes to be drilled and not punched</p> <p>Where described as with "Chromadek" finish, all sheets, flashings, etc., shall be with "Chromadek" silicone polyester paint for exterior use</p> <p><u>Sizes</u></p> <p>All items are measured net unless otherwise described</p> <p><u>Flashings, trimming plates, etc.</u></p> <p>Prices to include for all cutting and waste and relevant fixing material, unless otherwise described</p>			
<p>All rates for flashings, trimmings, etc., to include for forming drips and closed ends to troughs of sheet steel roof covering where applicable</p> <p>All items are unless otherwise described measured net</p> <p><b><u>PROFILED METAL SHEETING AND ACCESSORIES</u></b></p>			
Carried Forward		R	
<p>Section No. 2 BUILDING Bill No. 1 Roof Coveringss, etc</p>			

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Brought Forward			R
<u>0,5mm thick galvanised corrugated iron roof sheets On</u> <u>76x50mm SAP purlins at max.1200mm centres on</u> <u>timber truss at 900mm centres to engineer's details .</u> <u>Ridge capping -standard factory manufactured ridges</u> <u>and flashings in finish to match roof covering . 114 x</u> <u>38mm timber wall plate .", fixed to roof members by a</u> <u>firm of Specialists who will give a five (5) year</u> <u>guarantee, all in accordance with the manufacturer's</u> <u>instructions</u>			
1	Roof covering with pitch not exceeding 50 degrees	m2	388
2	Ridge capping 550mm girth	m	31
3	Hip capping 550mm girth	m	32
<b><u>STEEL LOUVRES</u></b>			
<u>"NTY Steelworks" or similar approved</u>			
4	Triangular steel louvre size 3000x 500mm high fixed to timber purlins including watertight heading joints, necessary sealing strips, fixing accessories, etc	No	4
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2 BUILDING Bill No. 1 Roof Coveringss, etc			

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO.2</u></b></p> <p><b><u>BUILDING WORK</u></b></p> <p><b><u>BILL NO.2</u></b></p> <p><b><u>CARPENTRY AND JOINERY</u></b></p> <p>For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades.</p> <p>-----</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Particle board:</u></p> <p>Particle board shall comply with the following specifications:</p> <p>a) SABS 1300 Particle board: exterior and flooring type</p> <p>b) SABS 1301 Particle board: interior type</p> <p><u>Joinery:</u></p> <p>Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc</p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p>			
	<p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p><u>Decorative laminate finish:</u></p> <p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 2</p> <p>BUILDING</p> <p>Bill No. 2</p> <p>Capentry and Joinery</p>			



DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Brought Forward		R	
<p><b><u>PREFABRICATED ROOF TRUSSES</u></b></p> <p><u>Pre-fabricated metal connected timber roof trusses</u></p> <p>All trusses shall be fabricated by an approved truss manufacturer who holds a current Certificate of Competence awarded by the Institute for Timber Construction</p> <p><u>Timber</u></p> <p>Timber for trusses to be South African softwood and shall be in accordance with the grades as defined in SABS Specification No 563 or as defined in SABS Specification No 1460</p> <p><u>Bolts</u></p> <p>Bolts shall be in accordance with BS 4190 or SABS 135</p> <p><u>Shear plates, tooth connectors and split rings</u></p> <p>Shear plates, tooth connectors and split rings shall be in accordance with BSS 1759 : 1960 and installed in accordance with the CSIR Publication HOUT 468, "The Design, Manufacturing and Erection of Timber Trusses"</p> <p><u>Washers</u></p> <p>Square or round washers of the following dimensions shall be used with all bolts:</p> <p>1 Bolts up to 8mm diameter: Washers shall be minimum 25mm wide of minimum 2,50mm thickness</p> <p>2 Bolts up to 12mm diameter: Washers shall be minimum 36mm wide of minimum 4,00mm thickness</p> <p>3 Bolts up to 20mm diameter: Washers shall be minimum 60mm wide of minimum 5,00mm thickness</p>			
Carried Forward		R	
<p>Section No. 2 BUILDING Bill No. 2 Carpentry and Joinery</p>			

**DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**  
**BILLS OF QUANTITIES**  
**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

<p style="text-align: right;"><b>Brought Forward</b></p> <p><u>Metal connector plates</u></p> <p>Metal connector plates shall be fabricated out of not less than 1mm thick drawn quality galvanised steel</p> <p>The steel shall have a minimum yield strength of 228MPa and a minimum ultimate tensile strength of 330MPa. The corrosion resisting coating shall be not less than 275g/m2 commercial class hot dipped galvanising as per SABS 934 before stamping</p> <p>All connector plates shall have been tested by the CSIR and be of a size capable of transmitting the forces between members of a truss without exceeding the design values published in the CSIR report</p> <p><u>Truss construction</u></p> <p>Trusses shall be constructed in jigs specially designed to ensure the correct profile, overhangs and cambers</p> <p>Where metal connector plates are used all joints are to be close fitted butt joints made by precision pressing of the metal connector plates into each side of the joint</p> <p><u>Truss design</u></p> <p>All trusses shall be designed by a registered Professional Engineer in accordance with SABS 0163 ("Design of Timber Structures") and Code 0160 ("Loadings")</p> <p><u>Truss spacing</u></p> <p>The truss centres shall be less than or equal to that as described in this bill for each respective truss</p>			R
<p><u>Truss pitch</u></p> <p>The truss pitch shall be as described in this bill for each respective truss type</p> <p><u>Truss loading</u></p> <p>Trusses shall be designed for a live load of 0,50kN/m2 and dead load as specified under the sub-heading "Specific load specifications for roof trusses"</p>			
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 2 BUILDING Bill No. 2 Carpentry and Joinery</p>			R

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

<p style="text-align: right;"><b>Brought Forward</b></p> <p><u>Shop drawings, design and erection guarantee certificates</u></p> <p>It will be expected from the Contractor to timeously prepare, submit and obtain the necessary approvals from the Representative/Agent in respect of the required shop drawings, design and erection guarantee certificates as specified</p> <p><u>Dimensions</u></p> <p>All dimensions given in the descriptions of the trusses are nominal and actual measurements are to be obtained by actual measurements taken on the site before design or fabrication commences</p> <p><u>Erection</u></p> <p>All trusses are to be hoisted and erected strictly in accordance with the procedures and recommendations of the manual "The Erection and Bracing of Timber roof Trusses" as published by the Institute for Timber Construction and the CSIR, or the SABS Code of Practice "The Design, Manufacture and Erection of Timber Roof Trusses", or as designed and detailed by the designer</p> <p><u>Design system</u></p> <p>The design system as documented in this bill is based on the "MiTek" system and all references given in the descriptions are related to specific type of trusses based on this design system</p> <p>However, Contractors are to note that any design system of similar quality may be used subject to the prior written approval of the Representative/Agent</p> <p><u>Specific specifications for roof trusses</u></p> <p>Unless otherwise described, the following specifications will apply:</p> <ol style="list-style-type: none"> <li>1 All trusses to be with a 10° pitch</li> <li>2 The dead load consists of corrugated roof sheeting and purlins at approximately 1200mm centres</li> </ol>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 2 BUILDING Bill No. 2 Carpentry and Joinery</p>		R	

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Brought Forward			R
<b><u>ROOFS</u></b>			
<b><u>The following in plate nailed timber roof truss construction</u></b>			
<u>The following is applicable in respect of roof trusses</u>			
The references given in the descriptions are to the respective types of trusses detailed on the architect's drawings annexed to these bills of quantities/accompanying these bills of quantities for tender purposes			
Prices for rafters and trusses to include all "Hurricane" clips, steel M-runners and "Permfix" plates, screws, nails, wires, sundry material, etc (bracing, wallplates, purlins and gangboarding are measured separately)			
<u>Allow for the preparation and submission of the following documents in respect of all buildings</u>			
1	Detailed shop drawings indicating truss sizes, truss positions, bracings, details, etc. to be submitted for approval prior the commencement of any fabrication	Item	
2	Design certificate indicating the licensed programme used, SANS specifications adhered to, general procedures and loadings adopted, sizes and grading of timber components, details, etc.	Item	
3	Erection guarantee certificate after the whole completed roof truss structure have been inspected, all defective work have been taken out and made good, etc. to the full satisfaction of the Principal Agent	Item	
<u>Sawn softwood</u>			
4	Roof construction to double pitched roof supplied and erected complete in position with bracing, gangboarding, purlins, eaves purlins, hipped end, rafters etc. for <b>2 classroom approximately 388 .11 m2 on plan</b> (Refer to architect's drawings attached to these bills of quantities)	No	1
<u>Sawn softwood grade 4</u>			
5	38 x 114mm Wall plates	m	85
Carried Forward			R
Section No. 2 BUILDING Bill No. 2 Carpentry and Joinery			



DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

	Brought Forward			R	
6	50 x 220mm Timber Beam	m	85		
	<u>Sundries</u>				
7	Two coats creosote on sawn timbers	m2	362		
	<b><u>EAVES, VERGES, ETC</u></b>				
	<u>"Everite FC77" pressed fibre-cement</u>				
8	15 x 250mm Fascias and barge boards including galvanised steel H-profile jointing strips	m	85		
	<b><u>DOORS, ETC</u></b>				
	<u>Wrought meranti doors hung to steel frames</u>				
9	2032x1626x40mm thick framed sledged batten door of meranti with 3mm tempered hardboard backing and weather bar manufactured according to SABS (D4)	No	2		
	<u>Solid core flush doors with concealed hardwood edges and 4mm thick masonite covering on both sides hung to steel frame</u>				
10	2032x813x40mm thick solid core door with 3mm thick tempred hardboard ,sides concealed hardwood edges ( D2)	No	8		
Carried Forward to Summary of Section No. 2				R	
Section No. 2					
BUILDING					
Bill No. 2					
Carpentry and Joinery					



DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BUILDING WORK</u></b>			
	<b><u>BILL NO.3</u></b>			
	<b><u>CEILING , ETC.</u></b>			
	For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades.			
	-----			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<u>Descriptions:</u>			
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete			
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere			
	<b><u>CEILING CONSTRUCTION, CORNICES, ETC.</u></b>			
	<b><u>Insulation</u></b>			
1	100mm glass fibre insulation blanket to manufacturer's specification, laid on ceiling.	m2	362	
	<u>Sawn softwood</u>			
2	38 x 114mm Ceiling joists (Provisional)	m	362	
	<u>"Rhino" gypsum plasterboard cornices</u>			
3	75mm Coved cornices	m	148	
	<b><u>NAILED UP AND SCREWED UP CEILINGS</u></b>			
	<b>Carried Forward</b>		R	
	Section No. 2 BUILDING Bill No. 3 Ceilings, Partitions and Access Flooring			

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Brought Forward				R
	<u>6mm thick Nutec ceiling board fixed to 50 x 38mm brandering at 600mm centers in one way. Touch up all metal strips nail heads with Metal Primer</u>			
4	Ceilings including 38 x 38mm brandering at 90deg to trusses at maximum centres of 400mm by 32mm long galvanised nails.	m2	362	
5	Extra over ceiling for opening for 610 x 610mm trap door of 50 x 76mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	2	
Carried Forward to Summary of Section No. 2				R
Section No. 2 BUILDING Bill No. 3 Ceilings, Partitions and Access Flooring				

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO.2</u></b></p> <p><b><u>BUILDING WORK</u></b></p> <p><b><u>BILL NO.4</u></b></p> <p><b><u>IRONMONGERY</u></b></p> <p>For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades.</p> <p>-----</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Descriptions</u></p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs</p> <p><u>Finishes to ironmongery</u></p> <p>Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded</p> <p><b><u>CATCHES,CABIN HOOKS, ETC</u></b></p>			
1	<p><u>"Solid"</u></p> <p>4 x UNION hat and coat hooks fixed at 300mm centers to Meranti plank 150mm x 20mm thick x 1200mm long. Plank fixed to wall. (Code: SS 8025SS for hooks)</p> <p><b><u>LOCKS</u></b></p>	No	2	
	<b>Carried Forward</b>		R	
	<p>Section No. 2 BUILDING Bill No. 4 Ironmongery</p>			

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Brought Forward			R
	<u>"Solid" or similar approved</u>		
2	"Code 460/313" Blesbok four lever lockset	No	10
<b><u>DOOR CLOSERS AND FLOOR SPRINGS</u></b>			
	<u>"Dorma" or similar approved</u>		
<b><u>SUNDRIES</u></b>			
	<u>"Solid" or similar approved</u>		
3	Dorma "Code 255" door stop plugged	No	10
4	CALMOC anti theft toilet roll holder or equal approved.	No	1
5	TIDY SYSTEMS 800ml soap dispenser white or equal approved.	No	1
<b><u>PINNING BOARDS, WRITING BOARDS, PROJECTION SCREENS, ETC</u></b>			
	<u>"Vitrex" or similar approved</u>		
6	2400mm x 1200mm pinboard with grey carpet surface, anodized aluminum frame complete with 6mm wall screws and masonry plugs for concealed mounting to wall. All to manufactures' specification. (PARROT or equally approved).	No	2
7	2000mm x 1200mm porcelain white magnetic marker board with anodized aluminum frame and 2x slide-in aluminum 450 x 35mm pentray per board, complete with mounting brackets and plugged and screwed to wall as per manufacture's specification (PARROT or equally approved)	No	2
<b><u>LETTERS, NAMEPLATES, ETC</u></b>			
	<u>"Union" or similar approved</u>		
8	150 x 150mm Stainless steel plate engraved with "toilet" sign (St/Steel)	No	1
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2 BUILDING Bill No. 4 Ironmongery			

**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

Item  
No

Quantity

Rate

Amount

## SECTION NO.2

## BUILDING WORK

# **BILL NO. 5**

## METALWORK

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

## Descriptions

Descriptions of bolts shall be deemed to include nuts and washers. Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete. Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described.

## Drawings

Tenderers are referred to architect's drawings annexed to this document for full details of the windows, doors, etc

## WELDED SCREENS, GATES, ETC

## Gates to external doors

1	Gate and frame 1626 x 2100mm high complete (G1)
---	---

No

2

## STEEL WINDOWS, DOORS, ETC

**Carried Forward**

R

Section No. 2  
BUILDING  
Bill No. 5  
Metalwork



**BILLS OF QUANTITIES**  
**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

"Nty" or similar approved steel residential windows with burglar bars to all sashes

No

1

No

12

R

Section No. 2  
BUILDING  
Bill No. 5  
Metalwork

**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

## SECTION NO.2

## BUILDING WORK

**BILL NO. 6**

## PLASTERING

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

**GRANOLITHIC**

Untinted granolithic on concrete

## SCREEDS

### Screeds on concrete

1	30mm Thick on floors
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m2	362
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### INTERNAL PLASTER

### Cement plaster on brickwork

2 | On narrow widths

m2	302
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**Carried Forward to Summary of Section No. 2**

R

Section No. 2  
BUILDING  
Bill No. 6  
Plastering

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.3</u></b>			
	<b><u>BUILDING WORK</u></b>			
	<b><u>BILL NO.2</u></b>			
	<b><u>TILING</u></b>			
	For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades.			
	-----			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<u>Descriptions</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			
	<b><u>WALL TILING</u></b>			
	<u>Glazed ceramic wall tiles (PC R110.00/m2 VAT excl.) fixed with adhesive to plaster (plaster elsewhere)</u>			
1	On walls	m2	42	
	<b><u>FLOOR TILING</u></b>			
	<u>300 x 300 x 11,5mm Ceramic floor tiles (PC R1000/m2 VAT excl.) laid on 1:5 cement screed with PRO GRIP super Bond Adhesive ( Code EZAD 103) with Pro GRIP waterproof Grout ( Code : EZGR 559) to manufacture's specification .</u>			
2	On floors and landings	m2	1,010	
3	Skirting formed of ceramic tile cut to 300 x 75mm high	m	412	
	<b>Carried Forward to Summary of Section No. 2</b>		R	
	Section No. 2 BUILDING Bill No. 7 Tiling			

**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

### SECTION NO.3

## BUILDING WORK

**BILL NO.8**

## PLUMBING AND DRAINAGE

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

## SUPPLEMENTARY PREAMBLES

"Polycop" polypropylene pipes:

Polypropylene pipes 54mm diameter and under shall be seamless copper coloured class 16 pipes jointed with "Fast-fuse" heat welded thermoplastic or brass compression fittings as designed for use with copper pipes as stated

Pipes shall be firmly fixed to walls etc with coloured nylon snap-in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions

All pipe diameters are nominal external

"Polylink" polypropylene pipes:

Polypropylene pipes 63mm diameter and over shall be class 12 pipes jointed with cast iron "Supraclamp" running joints

Fusion welded bends, once or twice mitred as necessary, and tees shall be factory manufactured

Fusion welded bends and tees shall include jointing to pipes with PVC rubber ring double Z joint couplers

**Carried Forward**

R

Section No. 2  
BUILDING  
Bill No. 8  
Plumbing and Drainage

**DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**  
**BILLS OF QUANTITIES**  
**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

<p style="text-align: center;"><b>Brought Forward</b></p> <p>Branch tees shall include flanged and bolted joints to "Polycop" branch pipes in addition and for brass compression male iron to copper straight couplers</p> <p>Reducers shall include jointing to pipes with PVC rubber ring double Z joint couplers and reducers shall be of sufficient overall length to accommodate same</p> <p>All pipes shall be jointed and fixed strictly in accordance with the manufacturer's instructions</p> <p>All pipe diameters are nominal external</p> <p><u>Concrete pipes:</u></p> <p>Pipes shall be jointed with ogee joints with rubber collars or socket and spigot joints with rubber rings</p> <p><u>Vitrified clay pipes:</u></p> <p>Pipes shall rest on solid ground and, where necessary, pockets of sufficient size shall be cut around joints to enable the jointing to be properly performed or, alternatively, pipes shall be bedded full length on and including unreinforced concrete laid in a semi-dry state immediately before pipes are laid</p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings</p> <p><u>uPVC pipes and fittings:</u></p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed</p> <p><u>uPVC pressure pipes and fittings:</u></p> <p>Pipes for water supply shall be of the class stated</p> <p>Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings</p> <p>Pipes of 50mm diameter and greater shall have sockets and spigots with push in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints</p>		R	
<p><b>Carried Forward</b></p>		R	
<p>Section No. 2 BUILDING Bill No. 8 Plumbing and Drainage</p>			



DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

<p style="text-align: right;"><b>Brought Forward</b></p> <p><u>Copper pipes:</u></p> <p>Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground</p> <p><u>Fixing of pipes</u></p> <p><b>Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls etc, casting in, building in or suspending not exceeding 1m below suspension level</b></p> <p><u>Lead pipes and fittings</u></p> <p>All soldered joints shall be wiped and brass unions shall be used for jointing lead to steel</p> <p><u>Reducing fittings</u></p> <p>Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained</p>		R	
<p><u>Wire gratings</u></p> <p>Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings</p> <p><u>Septic tanks</u></p> <p>Descriptions of septic tanks shall be deemed to include excavation, bedding and jointing, concrete base slabs, jointing to drains and backfilling, compaction, etc all in accordance with the manufacturer's instructions</p>			
<p><b>Carried Forward</b></p> <p>Section No. 2 BUILDING Bill No. 8 Plumbing and Drainage</p>		R	

**DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**  
**BILLS OF QUANTITIES**  
**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

<p style="text-align: center;"><b>Brought Forward</b></p> <p><u>Exposed concrete surfaces</u></p> <p>Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gulley tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster</p> <p><u>Excavations</u></p> <p>No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling</p> <p>"Soft rock" and "hard rock" shall be as defined in "Earthworks"</p> <p><u>Laying, backfilling, bedding, etc. of pipes</u></p> <p>Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions</p> <p>Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200 L : Medium-pressure pipelines LD : Sewers LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB : Earthworks (Pipe trenches) Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding</p> <p><u>Flush pans</u></p> <p>Flush pans shall have straight or side outlets and "P" or "S" traps as necessary</p> <p><u>Stainless steel basins, sinks, wash troughs, urinals, etc.</u></p> <p>Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable</p> <p><u>Waste unions</u></p> <p>Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings</p>		R	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 2 BUILDING Bill No. 8 Plumbing and Drainage</p>		R	

**DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**  
**BILLS OF QUANTITIES**  
**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

Brought Forward			R	
<u>Steel sectional water tanks</u>				
Tanks shall comply with SABS CKS 114				
<u>"Densyl" petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd.</u>				
Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described				
Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including all mastic, tape, "Layflat" sheeting, securing of same, etc				
<b><u>RAINWATER DISPOSAL</u></b>				
<u>0,6mm Galvanised sheet iron with "Chromadek" finish on one side</u>				
1	100 x 125mm Eaves gutters with beaded front edge	m	86	
2	Extra over eaves gutter for angle	No	4	
3	Extra over eaves gutter for stopped end	No	4	
4	Extra over eaves gutter for outlet for 100mm diameter pipe	No	4	
5	100mm Diameter rainwater pipes	m	12	
6	Extra over rainwater pipe for eaves or plinth offset 450mm projection	No	4	
7	Extra over rainwater pipe for shoe	No	4	
<b><u>SANITARY FITTINGS</u></b>				
<u>"Vaal" or similar approved</u>				
8	VAAL POTTERIES vitreous china 510x405mm rounded "Hibiscus" (Or similar approved) wash and basin with two semipunched tap holes, integrated overflow and chain stay hole with 2x wall brackets and bottle traps.	No	1	
Carried Forward			R	
Section No. 2 BUILDING Bill No. 8 Plumbing and Drainage				

**DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**  
**BILLS OF QUANTITIES**  
**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

Brought Forward			R	
9	VAAL POTTERIES vitreous chin "Daisy" (or similar approved) semi-close coupled 90° outlet open rim washdown pan (Code 751400) and matching 9 liter cistern (Code 71165C) complete with lid, fittings and slush pipe.	No	1	
<b><u>WASTE UNIONS ETC</u></b>				
<u>"Cobra Watertech" or similar approved</u>				
10	38mm "Cobra 316" unslopped waste and plug with chain	No	1	
<b><u>TRAPS ETC</u></b>				
<u>"Marley" or similar approved</u>				
11	40mm Flexi butyl rubber trap with reseal "P" trap	No	1	
<u>Chromium plated</u>				
12	32 x 40mm Bottle trap	No	1	
<b><u>TAPS, VALVES, ETC</u></b>				
<u>"Cobra Watertech" or similar approved</u>				
13	Cobra Ref. 166/041 wall type "Star" basin mixer with overarm swivel outlet	No	1	
14	Cobra Watertech 15mm compression type angle regulating valve with 10mm bendable copper outlet tube service connection (Code: 232/350).	No	1	
<b><u>ELECTRIC WATER HEATERS</u></b>				
<u>"Kwikot" or similar approved</u>				
15	ZIP Hydroboil 20 litre instant boiling water unit with white epoxy coated outer case and two-way tap, complete with twin chamber technology. Unit to be installed in accordance with manufacture's specification.	No	1	
16	KWIKOT Superline 400 DUAL 200 liters geyser SANS 151 approved Code DSG-200-5.	No	1	
Carried Forward			R	
Section No. 2 BUILDING Bill No. 8 Plumbing and Drainage				



DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Brought Forward			R
<b><u>FIRE APPLIANCES ETC</u></b>			
<u>'Chubb' or similar approved</u>			
17	9kg Dry chemical powder fire extinguisher, including standard hard wood backing plugged and backing finished with one coat dark stain and two coats clear suede polyurethane varnish	No	4
18	30mm x 20 meters textile strengthened fire hose reel connected to 25mm water supply pipe.	No	1
<b><u>BUDGETARY ALLOWANCES</u></b>			
19	Provide an amount of R80 000 for the construction of septic tanks and a french drains	Item	160,000.00
Carried Forward to Summary of Section No. 2			R
Section No. 2 BUILDING Bill No. 8 Plumbing and Drainage			



**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

## SECTION NO.2

## BUILDING WORK

**BILL NO. 9**

## GLAZING

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

## GLAZING TO STEEL WITH PUTTY

4mm Clear float glass

1	Panes exceeding 0,5m2 and not exceeding 2m2	m2	46
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4mm Rough cast glass

2	Panes exceeding 0,1m2 and not exceeding 0,5m2	m2	2
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TOPS, SHELVES, DOORS, MIRRORS, ETC

4 mm Silvered float glass copper backed mirrors with 10 mm bevelled and polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete

3	CTM 700x450x3mm thick frameless mirror with beveled edges fixed to wall with screws with chrome taps	No	1
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**Carried Forward to Summary of Section No. 2**

Section No. 2  
BUILDING  
Bill No. 9  
Glazing

**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

Section No. 2  
BUILDING  
Bill No. 10  
Paintwork

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Brought Forward			R	
<p><u>Prepare surfaces and remove all loose material, and rinse. Apply flexible crackfiller to holes and cracks, one coat plaster primer and two coats Plascon Professional Copolymer Acrylic paint</u></p> <p><b><u>ON FIBRE-CEMENT</u></b></p> <p><u>One coat plaster primer, two coats of super acrylic PVA Paint . Colour to Architec</u></p>				
3	On ceilings and cornices	m2	363	
<p><u>.One coat plaster primer, two coats of super acrylic PVA Paint . Colour to Architec</u></p>				
4	On fascias and barge boards	m2	20	
<p><u>Two coats Polyacrylic emulsion paint</u></p>				
5	On window sills not exceeding 300 mm girth	m	30	
<p><b><u>ON METAL</u></b></p> <p><u>Plascon Velvaglo Satin to exterior new mild steel (NW 683).Surface to be clean and dry. Remove surface contaminants using Plascon Aquasolv Degreaser (GR 1) with bristle brush or Brillo pads. Rinse thoroughly with tap water until surface is water break-free. Remove rust and millscale by abrasive blasting to ISO 8501 - 01:1988 - Sa2½ or by hand/mechanical wire brushing to St3of the same standard. Allow to dry completely and prime within 4 hours of cleaning. Prime with one coat of Metal Primer (UC 501) with an overcoating time of 16 hours and finish with two coats of Velvaglo Satin (VLO) with 16 hours drying time between coats, for a maintenance cycle of 3 years in a C1 - inland environment.</u></p>				
6	On door frames	m2	12	
7	On windows with burglar bars	m2	50	
8	On gates, grilles, burglar screens, balustrading, etc (both sides measured over the full flat area )	m2	10	
Carried Forward			R	
<p>Section No. 2 BUILDING Bill No. 10 Paintwork</p>				

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Brought Forward			R	
9	On outside of eaves gutters and rainwater pipes before fixing not exceeding 300mm high	m	20	
<b><u>ON WOOD</u></b>				
<u>Three coats matt varnish</u>				
10	On doors	m2	40	
11	On skirtings, rails, cornices etc not exceeding 300 mm girth	m	150	
Carried Forward to Summary of Section No. 2			R	
Section No. 2 BUILDING Bill No. 10 Paintwork				

**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

**Carried to Final Summary**



DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE  
BILLS OF QUANTITIES  
COMPLETION OF EPHRAIM MOGALE COST CENTRE

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.3</u></b>			
	<b><u>BILL NO.1</u></b>			
	<b><u>PAVING</u></b>			
	For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades			
	<b><u>PAVING</u></b>			
	<u>Materials and workmanship must be in accordance to the following SABS 1200 specifications:</u>			
	<b><u>EARTHWORKS</u></b>			
	<u>Site clearance</u>			
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	2,208	
	<u>Earthworks</u>			
2	Rip and scarify ground level to a depth of 150mm and consolidate to 90% mod. AASHTO density (minimum CBR 3)	m2	2,208	
3	Excavate in pickable earth to reduce ground level below paving and set aside for later use	m3	332	
4	Ditto, but cart away excavated material to a dumping place to be found by the contractor (cut to spoil)	m3	166	
5	Extra over excavation for excavation in soft rock	m3	33	
	<b>Carried Forward</b>		R	
	Section No. 3 EXTERNAL WORKS Bill No. 1 PAVING, ETC			

**DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**  
**BILLS OF QUANTITIES**  
**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

		<b>Brought Forward</b>		<b>R</b>	
6	Ditto, but in hard rock	m3	17		
<u>Paving layers</u>					
The following to be natural selected gravel layers evenly spread and consolidated in layers and dimensions as specified and on the drawings. All thicknesses to be consolidated thicknesses.					
Where described as "imported" the gravel to be supplied and carted on by the contractor from an approved borrow pit					
7	150mm Selected filling previously set aside compacted to 93% mod. AASHTO density	m3	332		
8	125mm Imported G7 material compacted to 95% mod. AASHTO density	m3	276		
9	125mm Imported C4 material with and including 3% 32,50 BV cement and consolidated to 97% mod. AASHTO density	m3	276		
10	Provide a sum of R5 000,00 (Five thousand rand) for compaction tests as required by the Engineer as per detail no.23			Item	5,000.00
<b><u>PAVING</u></b>					
<u>Interlocking paving</u>					
11	60mm Thick double interlocking (DZZ) precast grey coloured concrete paving blocks laid in a herringbone pattern on and including 20mm sand founding layer and covered with sandlayer and sweep into joints	m2	2,208		
12	Circular cutting to paving	m	31		
<b>Carried Forward</b>				<b>R</b>	
Section No. 3 EXTERNAL WORKS Bill No. 1 PAVING, ETC					

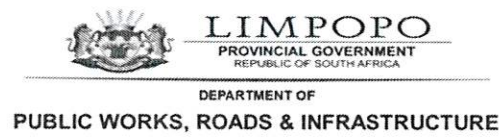
**DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**  
**BILLS OF QUANTITIES**  
**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

<b>Brought Forward</b>			<b>R</b>	
13	Weed-killing treatment of surface under paving	m2	2,208	
	<u>Kerbs, etc</u>			
14	Precast concrete figure 8 mountable kerb (SABS 927), levelled and jointed in 1:5 cement mortar complete with 15Mpa/19mm in situ concrete support blocks size 225 x 150 x 225mm high, at joints at 1,0m centres, including leaving 6mm expansion joints at 10m intervals between kerbs	m	415	
15	Precast concrete figure 7 kerb (SABS 927), levelled and jointed in 1:5 cement mortar complete with 15Mpa/19mm in situ concrete support blocks size 225 x 150 x 225mm high, at joints at 1,0m centres, including leaving 6mm expansion joints at 10m intervals between kerbs	m		
16	Precast concrete figure 7 kerb (SABS 927), circular on plan n.e 4m area levelled and jointed in 1:5 cement mortar complete with 15Mpa/19mm in situ concrete support blocks size 225 x 150 x 225mm high, at joints at 1,0m centres, including leaving 6mm expansion joints at 10m intervals between kerbs	m		
	<u>Sundries</u>			
17	Mass concrete (25MPa) in 60 x 60mm edge filler strip finished smooth on top with a wood float, including all excavation, formwork, etc	m	86	
<b>Carried to Final Summary</b>			<b>R</b>	
Section No. 3 EXTERNAL WORKS Bill No. 1 PAVING, ETC				

**BILLS OF QUANTITIES**

**COMPLETION OF EPHRAIM MOGALE COST CENTRE**

### Carried to Form of Tender



## 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 completion 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

- 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 )