



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
PUBLIC WORKS, ROADS & INFRASTRUCTURE

BID NUMBER: LDPWRI- B/20369

**APPOINTMENT OF CONTRACTOR FOR THE UPGRADING OF KOSHUIS
IN MOKOPANE IN THE WATERBERG DISTRICT THROUGH THE
FRAMEWORK CONTRACT CATEGORY A**

for the

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

Issued by:

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

Contact Person: General Queries

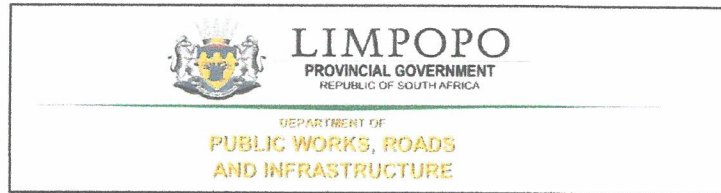
Name : Mr NJ Motsopye,
Tel No. : 015 284 7126
Email : motsopyen@dpw.limpopo.gov.za

Technical: Technical Queries

Name : Mr. Richard Nthabalala
Tel No. : 015 284 7375
Email : nthabalalar@dpw.limpopo.gov.za

Name of the Bidder :

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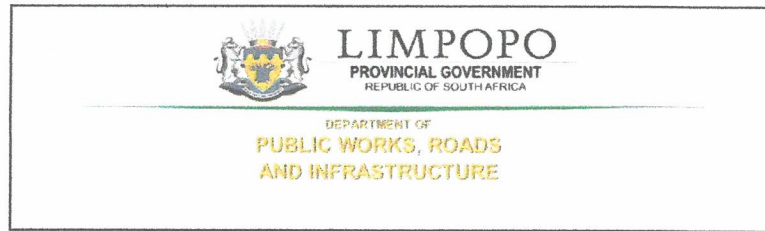
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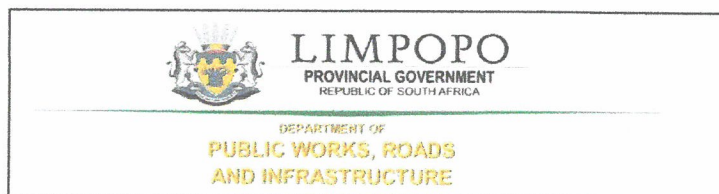
PART T1: TENDERING PROCEDURE

T1.1 Tender Notice and Invitation to Tender

The Limpopo Department of Public Works, Roads and Infrastructure invites tenderers from contractors appointed on the framework agreement on category A for **THE UPGRADING OF KOSHUIS IN MOKOPANE IN THE WATERBERG DISTRICT** for a period of 24 months. It is estimated that tenderers must have a CIDB contractor grading designation of **7 GB** 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

Project Name	THE UPGRADING OF KOSHUIS IN MOKOPANE IN THE WATERBERG DISTRICT for a period of 24 months.		
Tender Number	LDPWRI- B/20369		
Tender documents availability	Limpopo Department of Public Works, Roads and Infrastructure website		
Address for submission of tenders	DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE. Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699.		
Closing date of the tender	As per Tender invite		
Closing time of the tender	As per Tender invite		
Compulsory briefing meeting (<i>Tenderers must sign the attendance register in the name of the tendering entity. Addenda (if any) will be issued only to those tendering entities appearing on the attendance register</i>)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
	Meeting venue	As per Tender invite	
	Date	As per Tender invite	
	Time:	As per Tender invite	
Evaluation criteria	<ol style="list-style-type: none"> 1. Compliance with mandatory or compulsory requirements 2. Risk assessment on current projects 3. Price 4. Preference 		
Mandatory or Compulsory Requirements (<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 7 GB 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 www.cidb.org.za) which are reproduced without amendment or alteration for the convenience of tenderers as an Annex to this Tender Data.</p> <p>The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.</p> <p>The contractor shall achieve in the performance of the contract the Contract Participation Goals (CPG) relating to the engagement of targeted enterprises as established in the CIDB Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts Gazette Notice No. 36190 of 25 February 2013. In this case, contractor shall provide a minimum Contract Participation Goal (CPG) of 5% of the total project value and develop targeted enterprises stated under C3 of this document.</p> <p>The following variations, amendments and additions to the Standard Conditions of Tender as set out in the Tender Data below shall apply to this tender. Add the following to clauses in Standard Conditions of Tender:</p>
C.1.1	The Employer is the Department of Public Works, Roads and Infrastructure

C.1.2	<p>The Tender Part T1: Tendering procedures T1.1 Tender notice and invitation to tender T1.2 Tender data</p> <p>Part T2: Returnable documents T2.1 List of returnable documents T2.2 Returnable schedules</p> <p>The Contract Part C1: Agreements and contract data C1.1 Form of offer and acceptance C1.2 Contract data C1.3 Joint Venture Agreement (If Applicable)</p> <p>The Contract Part C2: Pricing data C2.1 Pricing instructions C2.2 Bills of Quantities</p> <p>Part 3: Scope of work C3.1 Special Notes to Bidders C3.2 OHS Specifications</p> <p>Part 4: Site information C4 Drawings</p>
C.1.4	<p>All communications related to this bid 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>Eligibility in respect of CIDB grading</p> <p>Only tenderers who are appointed on framework agreement category A and registered with the Construction Industry Development Board (CIDB) with designation of 7 GB 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>Cost of tendering</p> <p>The tenderer accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements</p>
C.2.7	<p>Compulsory site briefing</p> <p>A compulsory briefing meeting will be held as per Tender invite</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>

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CONTRACT No. LDPWRI-B/20369

C.2.11	<p>Alterations to the documents</p> <p>Bidders are required to not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations</p>
C.2.12	<p>Alternative tender offer</p> <p>No alternative tender offer is permitted in this tender.</p>
C.2.13.2	<p>Replace sub-clause C.2.13.2 with the following; Return all returnable documents to the employer after completing them in their entirety by writing in non-erasable black ink</p>
C.2.13.3	Parts of each tender offer communicated on paper shall be submitted as an original
C.2.13.4	The tender shall be signed by a person duly authorized to do so.
C.2.13.5	<p>The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are:</p> <p>Location of tender box: DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE. Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699 Identification details: Sealed Tender with Tender reference number, Title of Tender and the closing date and time of the tender.</p>
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 12 weeks or 90 days .
C.2.16.2	The tender accepts that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period stated in C.2.16 lapses before the employer evaluating tender, the contractor reserves the right to review the price based on Consumer Price Index (CPI).
C.3.1	<p>The tenderer is required to indicate how they claim points for each preference point system and attached relevant supporting documents. The specific goals for claiming of preference points include the following:</p> <ul style="list-style-type: none"> - Persons who had no franchise in national elections prior to 1983 and 1993 - Women - Disabled persons - Promotion of SMMEs - Enterprise located in Limpopo Province - Promotion of youth
	<p>CIDB Grading Certificate</p> <p>Tenders are required to provide proof of registration with the CIDB register of contractors indicating the category of registration, grading as well as the CRS number of the tenderer.</p> <p>Letter of Good Standing</p> <p>Tender are required to submit, bound with the tender submission, a letter of good from the compensation commissioner indicating that the bidder is in good standing.</p>

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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.3.4.1	Tenders will not be opened immediately after the closing time for tenders.
C.3.11	<p>The tenderers will be evaluated in four stages</p> <ul style="list-style-type: none"> (i) Stage 1: Compliance with mandatory requirements as stated in Part T1.1 (ii) Stage 2: Risk assessment on current projects (iii) Stage 3: Price (iv) Stage 4: Preference <p>The technical capacity (functionality) of the contractors will not be evaluated any further during evaluation of the RFQ. However, the contractors will be required to declare the status of their key staff and any administrative compliance. In cases where there are changes in the key staff, the contractor should provide CVs and qualifications of the new staff to LDPWR&I. The new staff should have similar skills, qualifications and experience as the staff submitted during tender. Similarly, the contractors will be expected to provide an update on any changes in their administrative compliances – and should submit the required SBD document in such cases.</p> <p>The award will only be issued to contractors with valid Tax Clearance certificates, active CIDB grading and the contractor who meets all the legislative requirement – this shall be verified by SCM in line with the departmental SCM Policy.</p> <p>The total value of current projects for a contractor under consideration cannot exceed the twice the maximum value of their relevant CIDB grade.¹</p> <ul style="list-style-type: none"> a) Stage 1: Administrative Compliance: The Compliance or compulsory documents and returnables 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. b) Stage 2: Risk assessment on current projects <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>

Stage 3 and 4:

The procedure for final evaluation of responsive tenders is Method 2 (Financial offer and preference). The total number of tender evaluation points (T_{EV}) shall be determined in accordance with the following formula.

$$T_{EV} = N_{FO} + N_P$$

- a) N_{FO} is the number of tender evaluation points awarded for the financial offer made. The score for financial offer is calculated using the following formula:

$$P = A * \left(1 - \frac{(P_o - P_m)}{P_m}\right)$$

Where:

A is 80 since the estimated financial value of works inclusive of VAT is equals or is less than R 50,000,000.00.

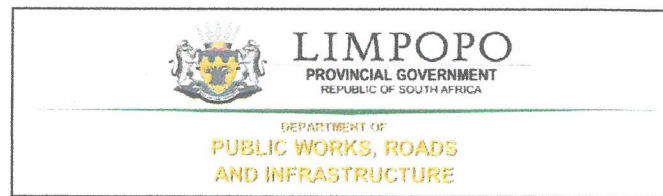
P is the points awarded to the bid under consideration

P_m is the lowest Comparative bid price

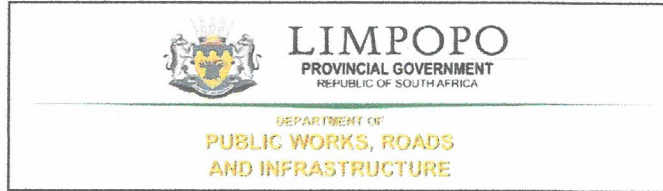
P_o is the comparative price under consideration

- b) N_P is the number of tender evaluation points awarded for preferences claimed in accordance with the Preferencing Schedule in 3.18

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PART T2: RETURNABLE DOCUMENTS



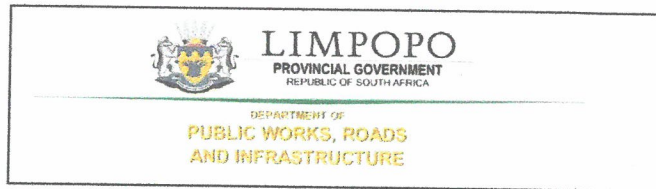
T2.1 : LIST OF RETURNABLE DOCUMENTS

The following documents will form part of the documents submitted to the Contractors as part of the Request for Proposals:

- 2.1 Fully completed Form of Offer
- 2.2 Bills of Quantities
- 2.3 Proof of specific goal for award of the preference points as determined on the Request for Proposal
- 2.4 SBD 6.1.
- 2.5 Declaration on the status of Administration compliance.
- 2.6 CIDB grading certificate
- 2.7 CSD Report
- 2.8 Tax clearance certificate
- 2.9 Declaration of current projects

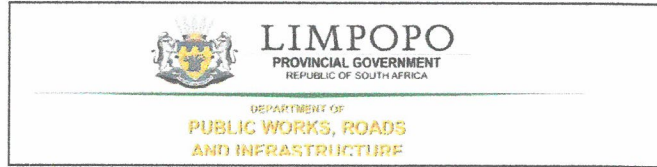
Failure by the service provider to submit or complete item 2.1 or 2.2 will render their proposal not responsive and will not be considered.

The bidder should also not appear on the National Treasury's list of black listed entities



T 2.2 : RETURNABLE SCHEDULE

	Document Name	Returnable document
1.	Preferencing schedule:	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.	Proposed amendments and qualifications (if applicable)	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	SBD 1: Invitation to tender	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	SBD 6.1: Reference Points claim form in terms of the Preferential Procurement Regulations 2017 or amended	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	Form of offer	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	CSD summary report	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	Original tax clearance certificate or tax pin	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	Priced bills of quantities	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	Proof of CIDB class grading: 7GB or higher.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	Declaration with regard to current projects	<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.

.....

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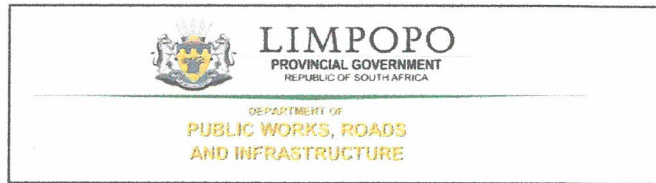
.....

.....

Signed _____ Date _____

Name _____ Position _____

Enterprise _____



Record of Addenda to tender documents

We confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:		
	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

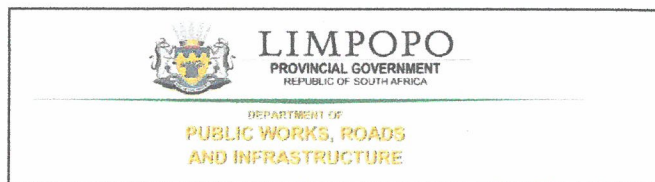
Attach additional pages if more space is required.

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

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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

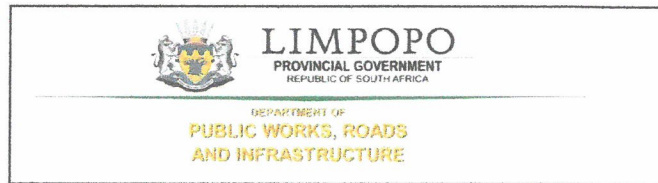
Date

Name

Position

Tenderer

THE UPGRADING OF KOSHUIS IN MOKOPANE IN THE WATERBERG DISTRICT FOR THE LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE
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SBD 1

PART A: INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE					
BID NUMBER:	LDPWRI-B/20369	CLOSING DATE	As per Tender Advert	CLOSING TIME:	11:00am
DESCRIPTION	THE UPGRADING OF KOSHUIS IN MOKOPANE IN THE WATERBERG DISTRICT FOR THE LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE.					
Physical address: Corner River and Blaauwberg Streets, Ladanna, 0699.					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO					
CONTACT PERSON	Mr. NJ Motsopye				
TELEPHONE NUMBER	0152847126	E-MAIL ADDRESS	motsopyen@dpw.limpopo.gov.za		
CONTACT PERSON (TECHNICAL)	Mr. Richard Nthabalala				
TELEPHONE NUMBER	0152847375	E-MAIL ADDRESS	nthabalalar@dpw.limpopo.gov.za		
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]	
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					

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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 BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
- 1.3. THIS BID 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. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS 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 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS 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 BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS 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."

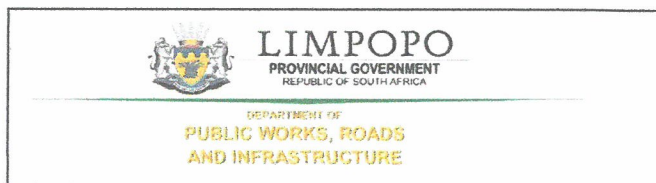
NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

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

DATE:



SBD 6.1

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 To be completed by the organ of state

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

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

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

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

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

2. DEFINITIONS

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

$$Ps = 80 \left(1 - \frac{Pt - Pmin}{Pmin} \right) \quad \text{or} \quad Ps = 90 \left(1 - \frac{Pt - Pmin}{Pmin} \right)$$

80/20 or 90/10

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:

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

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 (All races in SA)	-	6		
Women(Attach Director's certified copy South African ID as proof)	-	3		

Handwritten signature

THE UPGRADING OF KOSHUIS IN MOKOPANE IN THE WATERBERG DISTRICT FOR THE LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE
CONTRACT No. LDPWRI-B/20369

Disabled persons (Attach letter from Health Professional as proof)	-	2		
Promotion of SMMEs(Attach Financial statement as proof)	-	2		
Enterprises located in Limpopo Province(Attach proof of address/Lease agreement)	-	4		
Promotion of youth(Attach Director's certified copy South African ID as proof)	-	1		
Promotion of enterprises located in rural areas(Attach proof of address)	-	1		
Promotion of enterprises located in the relevant District(Attach proof of address)	-	1		

DECLARATION WITH REGARD TO COMPANY/FIRM

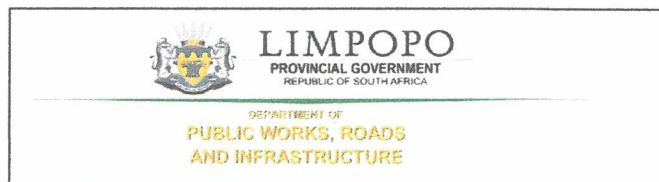
- 4.3. Name of company/firm.....
- 4.4. Company registration number:
- 4.5. TYPE OF COMPANY/ FIRM
- ☐ Partnership/Joint Venture / Consortium
 - ☐ One-person business/sole propriety
 - ☐ Close corporation
 - ☐ Public Company
 - ☐ Personal Liability Company
 - ☐ (Pty) Limited
 - ☐ Non-Profit Company
 - ☐ State Owned Company
- [TICK APPLICABLE BOX]

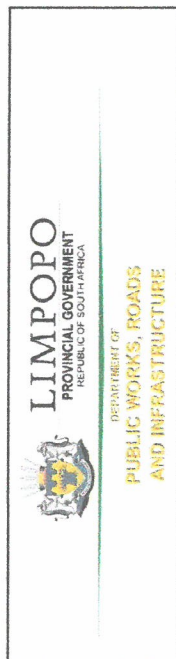
THE UPGRADING OF KOSHUIS IN MOKOPANE IN THE WATERBERG DISTRICT FOR THE LIMPOPO DEPARTMENT OF
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- 4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised 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:

**THE UPGRADING OF KOSHUIS IN MOKOPANE IN THE WATERBERG DISTRICT FOR THE LIMPOPO DEPARTMENT OF
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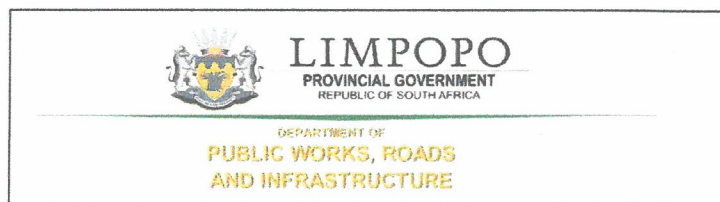
DECLARATION OF CURRENT PROJECTS					
<p>Current value refers to current value of projects for both General Building (GB) and Civil Engineering (CE).</p> <p>Please list the current projects which your company is busy executing in the table below.</p> <p><i>If no projects at the moment the tender must indicate/write on this table</i></p> <p>Table 1 List of current projects executed by the bidder</p> <p>1. Do you have the current projects being executed Yes/No?</p> <p>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, complete the table. If the question not answered or the table not completed the points will not be allocated.</p>					
Project Description	Project Value	Start date	Planned end date	Client Name	Contact Person number



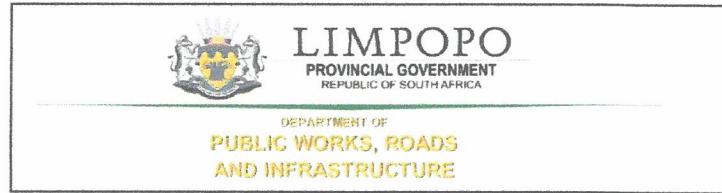
LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

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

THE CONTRACT



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:

THE UPGRADING OF KOSHUIS IN MOKOPANE IN THE WATERBERG 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 bidder)

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

.....

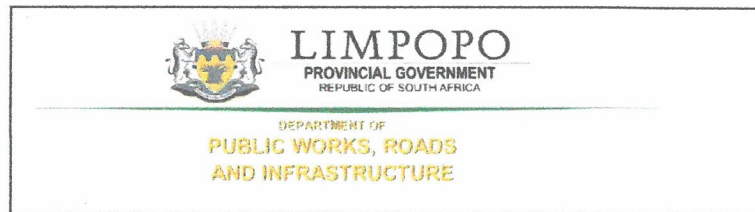
.....

.....

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.

.....



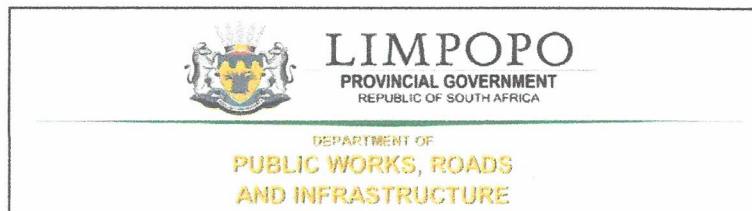
C2.1 CONTRACT DATA

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.

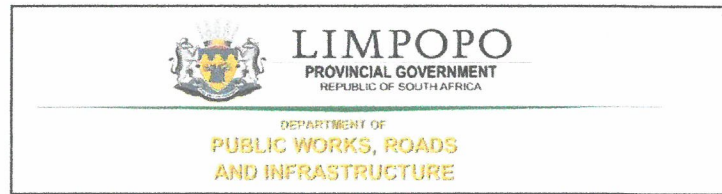
The contractor shall achieve in the performance of the contract the Contract Participation Goals (CPG) relating to the engagement of targeted enterprises as established in the **CIDB Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts Gazette Notice No. 36190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



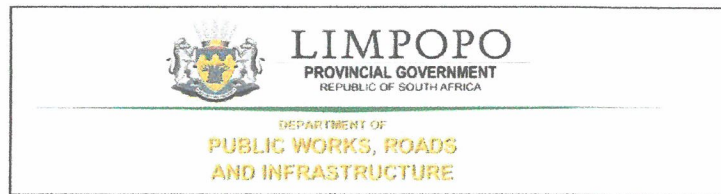
PART C2: PRICING DATA

C2.1 Pricing instruction

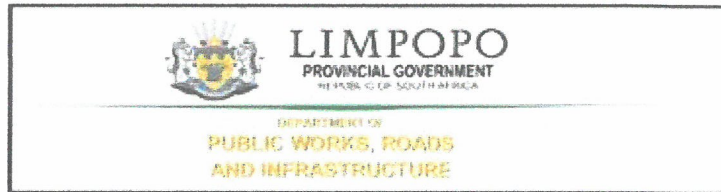
- The Bills of Quantities have been drawn up in accordance with the Standard System of Measuring Building Work in accordance with the provisions of the Model Bills of Quantities or Electrical Work, published by the South African Association of Quantity Surveyors, (July, 2005).
- The agreement is under 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



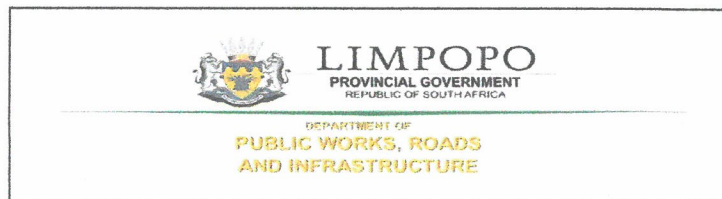
PART C3 SCOPE OF WORKS



PART C3.1: SPECIAL NOTES TO BIDDERS

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

- 1.1. LDPWR&I reserve the right to call interviews with short-listed bidders 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 bidder 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 bid 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 bids are received; or
 - iv. There is a material irregularity in the Bid process.
- 1.6. In the case of sub-contracting or joint venture agreement, LDPWR&I will enter into a single contract with the principal bidder.
- 1.7. Bidders who are not registered on Central Supplier Database (CSD) must register before submission of bids.
- 1.8. Any completion of the bid document in pencil or erasable ink will not be acceptable and will automatically disqualify the submitted bid.
- 1.9. Successful bidder 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 bidder shall make provision for a complete solution that will deliver the required service efficiently and cost-effectively.
- 1.11. Bid 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 bid document contains confidential information about LDPWR&I, which has been provided to supply potential bidders 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 bid 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.



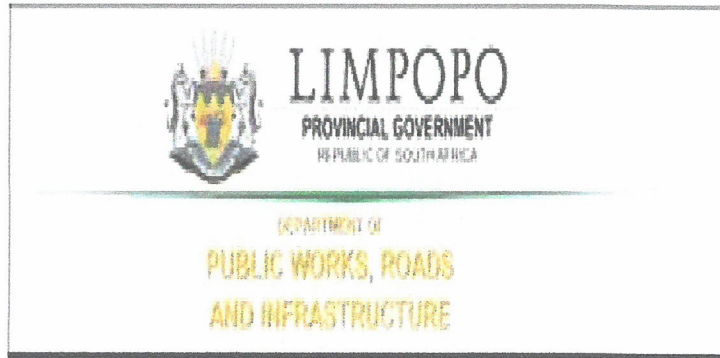
PART C3.2: OHS SPECIFICATIONS



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PART C4 SITE INFORMATION



C4.1 DRAWINGS

Item No	Quantity	Rate	Amount
<u>BILL NO. 1</u>			
<u>PRELIMINARIESNOTES</u>			
<u>SECTION NO.1</u>			
i)		The agreement is to be the JBCC Series 2000 Principal Building Agreement (Edition 4.1 Code 2101 March 2005) prepared by the Joint Building Contracts Committee	
ii)		The preliminaries are to be the JBCC Series 2000 Preliminaries prepared by the Joint Building Contracts Committee, Code 2103 May 2005 Edition and shall be deemed to be incorporated herein	
iii)		Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary	
iv)		Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading	
v)		Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable")	
vi)		If Alternative A as set out in clause B10.3 hereinafter is to be used for the adjustment of the preliminaries each item priced is to be allocated to one or more of the three categories, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount in proportion to time	
Carried to Collection			
Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES AND GENERAL			R

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

Definitions (A1)

1 Definitions and interpretation (clause 1)

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

Item

Objective (A2)

2 Offer acceptance and performance (clause 2)

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

Item

Preparation (A3-A14)

3 Documents (clause 3)

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

Item

4 Design responsibility (clause 4)

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

Item

5 Employer's agents (clause 5)

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

Item

6 Site representative (clause 6)

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

Item

7 Compliance with regulations (clause 7)

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

Item

8 Works risk (clause 8)

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

Item

9 Indemnities (clause 9)

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

Item

10 Works insurance (clause 10)

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

Item

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11	Liability insurances (clause 11) F:..... V:..... T:.....	Item
12	Effecting insurance (clause 12) F:..... V:..... T:.....	Item
13	No clause (clause 13) F:..... V:..... T:.....	Item
14	Security (clause 14) F:..... V:..... T:.....	Item
Execution (A15-A22)		
15	Preparation for and execution of the works (clause 15) F:..... V:..... T:.....	Item
16	Access to the works (clause 16) F:..... V:..... T:.....	Item
17	Contract instructions (clause 17) F:..... V:..... T:.....	Item
18	Assignment (clause 19) F:..... V:..... T:.....	Item
19	Setting out of the works (clause 18) F:..... V:..... T:.....	Item

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THE UPGRADING OF KOSHUIS OFFICE COMPLEX
IN WATERBERG DISTRICT

28	Sectional completion (clause 28) F:..... V:..... T:.....	Item
29	Revision of date of practical completion (clause 29) F:..... V:..... T:.....	Item
30	Penalty for non-completion (clause 30) F:..... V:..... T:.....	Item
<u>Payment (A31 - A35)</u>		
31	Interim payment to the contractor (clause 31) F:..... V:..... T:.....	Item
32	Adjustment to the contract value (clause 32) F:..... V:..... T:..... Notwithstanding the provisions of clause 32.13 fluctuations in costs shall not be adjusted as per heyillet formular (CPA)	Item
33	Recovery of expense and loss (clause 33) F:..... V:..... T:.....	Item
34	Final account and final payment (clause 34) F:..... V:..... T:.....	Item
35	Payment to other parties (clause 35) F:..... V:..... T:.....	Item

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THE UPGRADING OF KOSHUIS OFFICE COMPLEX
IN WATERBERG DISTRICT

Cancellation (A36-A39)

36 Cancellation by employer - contractor's default (clause 36)

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

Item

37 Cancellation by employer - loss and damage (clause 37)

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

Item

38 Cancellation by contractor - employer's default (clause 38)

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

Item

39 Cancellation - cessation of the works (clause 39)

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

Item

Dispute (A40)

40 Settlement of disagreements and disputes (clause 40)

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

Item

Contract variables (A41)

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

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

Item

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

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LDPWRI-B/20369
THE UPGRADING OF KOSHUIS OFFICE COMPLEX
IN WATERBERG DISTRICT

41.1.1
Employer:

DEPARTMENT OF PUBLIC WORKS LIMPOPO

Postal Address:
Private Bag x 9490
POLOKWANE
0700

Physical Address:
43 Church Street
Polokwane
0699

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

41.1.2
Principal Agent:

DEPARTMENT OF PUBLIC WORKS LIMPOPO

Postal Address:
Private Bag x 9490
POLOKWANE
0700

Physical Address:
43 Church Street
Polokwane
0699

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

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THE UPGRADING OF KOSHUIS OFFICE COMPLEX
IN WATERBERG DISTRICT

41.1.3

Other Agents: Architect

DEPARTMENT OF PUBLIC WORKS LIMPOPO

Postal Address:
 Private Bag x 9490
 POLOKWANE
 0700

Physical Address:
 43 Church Street
 Polokwane
 0699

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

41.1.4

Other Agents : Quantity Surveyors

DEPARTMENT OF PUBLIC WORKS LIMPOPO

Postal Address:
 Private Bag x 9490
 POLOKWANE
 0700

Physical Address:
 43 Church Street
 Polokwane
 0699

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

41.2 CONTRACT DETAILS

41.2.1 Works Description:

The work consist of the Upgrading of The
 Koshuis Office Complex in Mokopane
 (Waterberg District) and site works

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THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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41.2.2	Site Description: The site is at			
41.2.3	Work for installation by direct contractors: N/A			
41.2.4	This agreement is for a government contract: contract where there are specific option that are applicable to a state organ only	Yes		
41.2.5	Date on which possession of the site is intended to be given: Approximately within 14 (fourteen) calender days from the date of the letter of acceptance			
41.2.6	Period for the commencement of the works is immediately after the contractor takes possession of the site			
41.2.7	Completion in sections are required	No		
41.2.8	Intended date of practical completion and the penalty per calender day for the works as a whole: 24 calendar months from the date of the possession of the site and penalties will be 0.05% of the contract sum			
Carried to Collection				
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THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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Penalty per calender day:
0.05% of the Contract Sum per calendar day on
which the completion of the work may be in arrears

SPECIAL COMPLETION REQUIREMENTS

Not applicable

42 41.2.9 Arbitration rules as recommended by the
Association of Arbitrators (SA)
F:..... V:..... T:.....

Item

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

South Africa
F:..... V:..... T:.....

Item

41.3 INSURANCES

44 41.3.1 Contract work's insurance

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

Item

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- 45 41.3.2 Supplementary insurance:
- Contractor shall be responsible for the taking out his own insurances for all plant and machinery used in the execution of this contract. The cost of this insurance shall be borne by the contractor.

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

Item

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

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

Item

41.4 DOCUMENTS

- 41.4.1 Waivers of contractors lien is required **Yes**

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

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

- 41.4.4 Number of days for submission of priced documents:
7 working days

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

- 41.4.5 JBCC N/S Subcontract Agreement are to be included in the documents: **No**

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41.4.6 Alternative if contract value is not adjusted using CPAP:

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

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

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

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

SECTION B: PRELIMINARIES

Definition and interpretation (B1)

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

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

Item

Documents (B2)

48 Checking of documents (B2.1)

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

Item

49 These bills of quantities contain pages and annexures as indexed on the flyleaf

The items in these bills of quantities are to be read and priced in conjunction with and the descriptions regarded as amplified by the Model Preambles for Trades as recommended and published by the Association of South African Quantity Surveyors, 1997 edition, and no claim arising from brevity of description of items fully described in the said Model Preambles for Trades will be entertained

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50	Provisional bills of quantities (B2.2) F:..... V:..... T:.....	N/A
51	Availability of construction documentation for contracts based on provisional bills of quantities (B2.3) F:..... V:..... T:.....	Item
52	Interests of agents (B2.4) F:..... V:..... T:.....	Item
53	Priced documents (B2.5) F:..... V:..... T:.....	Item
54	Tender submission (B2.6) F:..... V:..... T:.....	Item
55	Notwithstanding anything contained in this clause tenders shall be valid for a period of 45 days from the closing date of tenders F:..... V:..... T:.....	Item
<u>The site (B3)</u>		
56	Defined works area (B3.1) F:..... V:..... T:.....	Item
57	The area of the works to be occupied by the contractor, any restriction on the area and the limit of access or exit will be pointed out to the contractor by the principal agent at the official site briefing meeting.	Item
58	Geotechnical investigation (B3.2) Geotechnical information will be made available to the successful bidder at the site handover meeting F:..... V:..... T:.....	Item

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59	<p>Inspection of the site (B3.3)</p> <p>It remains the responsibility of the bidder to visit the project site on his / her own to check and acquaint themselves with the site and its conditions before submitting a tender as no claims will be entertained later.</p>	Item
60	<p>No claims for extras arising from the contractor having failed to comply with this clause will be entertained</p> <p>F:..... V:..... T:.....</p>	Item
61	<p>Existing premises occupied (B3.4)</p> <p>F:..... V:..... T:.....</p>	Item
62	<p>Previous work - dimensional accuracy (B3.5)</p> <p>F:..... V:..... T:.....</p>	Item
63	<p>Previous work - defects (B3.6)</p> <p>F:..... V:..... T:.....</p>	Item
64	<p>Services - known (B3.7)</p> <p>F:..... V:..... T:.....</p>	Item
65	<p>Services - unknown (B3.8)</p> <p>F:..... V:..... T:.....</p>	Item
66	<p>Protection of trees etc (B3.9)</p> <p>F:..... V:..... T:.....</p>	Item
67	<p>Articles of value (B3.10)</p> <p>F:..... V:..... T:.....</p>	Item

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

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

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<u>Attendance on N/S Subcontractors (B9)</u>			
87	General attendance (B9.1) F:..... V:..... T:.....	Item	
88	Special attendance (B9.2) F:..... V:..... T:.....	Item	
89	Commissioning - Fuel, water and power (B9.3) F:..... V:..... T:.....	Item	
<u>Financial aspects (B10)</u>			
	Statutory taxes, duties and levies (B10.1) F:..... V:..... T:.....	Item	
90	Provision for Value Added Tax (VAT) is made in the Final Summary. F:..... V:..... T:.....	Item	
91	Payment of preliminaries (B10.2) F:..... V:..... T:.....	Item	
92	Adjustment of preliminaries (B10.3) F:..... V:..... T:.....	Item	
93	Payment certificate cash flow (B10.4) F:..... V:..... T:.....	Item	
94	Contractor information supply (B10.5) F:..... V:..... T:.....	Item	
<u>General (B11)</u>			
95	Protection of works (B11.1) F:..... V:..... T:.....	Item	
Carried to Collection			
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**THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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12.1.1	Provisional bills of quantities (B2.2) The quantities are provisional:	Yes		
12.1.2	Availability of construction documentation (B2.3) Construction documentation is complete	Yes		
12.1.3	Interest of agents (B2.4) N/A			
12.1.4	Defined works area (B3.1) See site information			
12.1.5	Geotechnical investigation (B3.2) To obtain from the Project Architect Geotechnical information will be made available to the successful bidder at the site handover meeting			
12.1.6	Existing premises occupied (B3.4)			
12.1.7	Services - known (B3.7) Existing services and points of connection will be pointed out to the successful contractor by the principal agent			
12.1.8	Protection of trees (B3.9)			
12.1.9	Inspection of adjoining properties (B3.11)			
12.1.10	Enclosure of the works (B6.2)			
Carried to Collection				
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106	<p>OVERTIME</p> <p>Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorized in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer.</p> <p>F:..... V:..... T:.....</p>	Item
107	<p>AS BUILT DRAWINGS</p> <p>The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the principal agent and the structural engineer for their records.</p> <p>F:..... V:..... T:.....</p>	Item
108	<p>SITE INSTRUCTIONS</p> <p>Site instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor</p> <p>F:..... V:..... T:.....</p>	Item
109	<p>LABOUR RECORD</p> <p>At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all subcontractors on the works each day.</p> <p>F:..... V:..... T:.....</p>	Item
110	<p>PLANT RECORD</p> <p>At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.</p> <p>F:..... V:..... T:.....</p>	Item

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**THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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111	<p>NON CESSION OF MONIES</p> <p>The contractor shall not cede nor assign his rights or claims to any monies due or to become due under this contract</p> <p>F:..... V:..... T:.....</p>	Item
112	<p>LOCAL LABOUR</p> <p>The contractor shall make use of local labour. It is desirable by the Employer that all unskilled labour be recruited from the local areas of the vicinity of the Works. The contractor will demonstrate his effort to fulfill compliance with this requirement</p> <p>F:..... V:..... T:.....</p>	Item
113	<p>LABOUR DESK</p> <p>The contractor shall establish a labour desk on site with a dedicated office of maximum 9m2 with and including a desk, 2 chairs and electricity. From the labour desk, the contractor will appoint a dedicated community liaison officer. The community liaison officer will be employed by and will report to the contractor, who will in turn forward such reports to the Principal Agent.</p> <p>F:..... V:..... T:.....</p>	Item
114	<p>SITE ACCOMMODATION.</p> <p>Provide 2 office facilities for Principal Agent Representative and one for Resident Clerk of Works (to include desk, 2 chairs and Electricity per office) Provide meeting Facility to accommodate 12 chairs Provide Ablution facilities for the above</p> <p>F:..... V:..... T:.....</p>	Item
115	<p>HEALTH AND SAFETY ACT (Act 85 of 1993)</p> <p>Compliance with the Occupational Health and Safety Act (Act 85 of 1993) and all relevant and applicable regulations, especially the Construction Health & Safety Act (Act 85 of 1993) (as amended) for the duration of the contract</p>	Item
<p>Carried to Collection</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES AND GENERAL</p>		R

THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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116	Provisions of OH&S Plan prior to commencement of works as well as a full consolidated copy of such plan at the completion of construction work inclusive of a record of all drawings, designs, copies of statutory appointments, material used and other similar information concerning completed contract	Item		
117	Implementation of approved OHS Plan for duration of contract, including daily/weekly inspections, monthly meetings, required audits, consolidated health and safety file, etc	Item		
118	Registration with Compensation Fund or approved /licensed compensation insurer	Item		
119	Full time competent employee of the Contractor as safety construction supervisor and assistant safety construction supervisors for duration of contract	Item		
120	Health and safety training and induction requirements of all persons entering the site	Item		
121	HIV AND AIDS POLICY Observation of all legislation, policies and by-laws regulating the "AIDS" endemic and "HIV" prevention, treatment and observation	Item		
<u>Provision of Training Allowance in terms of EPWP prescripts</u>				
122	Training allowance paid to targeted labour in terms of formal training days	PDT		
123	Extra over for the administration payment of training allowances to targeted labour (25% of training allowance)	Item		28,800.00
124	Transport and accommodation of workers for training where it is not possible to undertake the training in close proximity to the site (Provisional Sum)	Item		50,000.00
Carried to Collection			R	
Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES AND GENERAL				

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IN WATERBERG DISTRICT

Item No		Quantity	Rate	Amount
	<u>SECTION NO.2</u>			
	<u>BILL NO. 1</u>			
	<u>DEMOLITIONS, ETC</u>			
	<u>View site</u>			
	Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained			
	<u>Explosives</u>			
	No explosives whatsoever may be used for demolition purposes unless otherwise stated			
	<u>General</u>			
	Water supply pipes and other piping in ground that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings to the satisfaction of the principal agent			
	Unless otherwise described all materials are to become the property of the contractor and are to be removed from the site			
	<u>REMOVAL OF EXISTING WORK:</u>			
	<u>Breaking up and removing</u>			
1	75 mm Thick unreinforced concrete surface beds, paving etc	m2	700	
	Carried to Collection			
	Section No. 2 DEMOLITIONS ETC Bill No. 1 DEMOLITIONS,ETC			
			R	

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IN WATERBERG DISTRICT

2	85 mm Thick concrete block paving on sand bedding	m2	146
	Note: The following items are to remain the property of the employer and are to be carefully taken out, temporarily stored, transported over a distance of approximately 7km and handed over:		
	1. Paving blocks		
3	Excavation in earth not exceeding 2m deep to remove sewer piping (Provisional)	m3	3
4	Concrete Kerbs	m	200

Carried to Collection

Section No. 2
DEMOLITIONS ETC
Bill No. 1
DEMOLITIONS,ETC

R

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

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

TEMPORARY BARRIERS, SCREENS, ETC

Temporary barriers, screens, etc including removal

- 1 Dust screen 2m high between concrete floor and ceiling, of suitable timber framing with 375 micron polyethylene sheeting stapled on on one side, including corners, ends, etc

m 30

REMOVAL OF EXISTING WORK

Breaking up and removing unreinforced concrete

- 2 75mm Thick aprons

m2 512

Carried to Collection

Section No. 3
BUILDINGS
Bill No. 1
ALTERATIONS

R

THE UPGRADING OF KOSHUIS OFFICE COMPLEX
IN WATERBERG DISTRICT

	<u>Taking out doors, windows, etc, including thresholds, sills, etc, setting aside for re-use and later refixing new timber doors including door frames in similar old position</u>		
3	Timber single door and timber frame 813 x 2,032 m high overall from one brick wall	No	112
4	Timber single door and timber frame 900 x 2,032 m high overall from one brick wall	No	8
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>		
5	Pitched roof 5,44 x 4,35 x 0,7m high overall, of timber trusses and purlins, corrugated sheet steel covering, ceilings and cornices, eaves soffit covering, fascias, barge boards, gutters and rainwater pipes	No	1
6	Pitched roof 30 x 12 x 1,8m high overall, of timber trusses and purlins, corrugated sheet steel covering, ceilings and cornices, eaves soffit covering, fascias, barge boards, gutters and rainwater pipes	No	3
7	Lean to roof, roof 5,44 x 3,45 x 0,5m high overall, of timber trusses and purlins, corrugated sheet steel covering, ceilings and cornices, eaves soffit covering, fascias, barge boards, gutters and rainwater pipes	No	2
8	Ceilings to roofs	m2	2,160
9	Drywall partitions 0,80m high	m	77
10	Drywall partitions 1,10m high	m	77
11	Drywall partitions 2m high	m	12

Carried to Collection

Section No. 3
BUILDINGS
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THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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	<u>Taking out and removing sundry joinery work, fittings, etc</u>		
12	Timber skirtings	m	940
	<u>Taking up and removing wood block floor coverings, vinyl floor coverings, carpets, etc and preparing screeds for new floor coverings</u>		
13	Vinyl tile floor covering including wood block floor covering	m2	3,032
	<u>Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes</u>		
14	Tiles to walls	m2	582
15	Tiles to floors	m2	559
	<u>Taking out and removing piping, including cutting off as necessary, holderbats and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>		
16	Steel piping not exceeding 50mm external diameter	m	120
17	Steel piping exceeding 100 mm and not exceeding 150 mm external diameter	m	89
	<u>Taking out and removing sanitary fittings, tanks, geysers, etc, including disconnecting from pipes, traps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>		
18	Stainless steel sink and drainer including timber cupboard 1200 x 600 x 1200mm high	No	4
19	Vitreous china wash hand basin	No	27

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Bill No. 1
ALTERATIONS

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20	Vitreous china WC pan with cistern and flush pipe	No	37	
21	Vitreous china wall hung urinal with flush valve and flush pipe	No	12	
22	150 Litre geyser from wall	No	4	
<u>MAKING GOOD OF FINISHES ETC</u>				
<u>Making good cement screeds</u>				
23	Floors where half brick walls removed	m	55	
<u>Making good internal cement plaster</u>				
24	Walls where half brick walls removed	m2	4	
25	Walls where one brick walls removed	m2	4	
26	Remedial works according to Structural Engineer's instructions on walls where appearance of cracks appear	m2	30	
27	Remedial works according to Structural Engineer's instructions on walls where expansion joints is destroyed	m2	40	
<u>OPENINGS THROUGH EXISTING WALLS ETC</u>				
Carried to Collection				
Section No. 3 BUILDINGS Bill No. 1 ALTERATIONS				
				R

THE UPGRADING OF KOSHUIS OFFICE COMPLEX
IN WATERBERG DISTRICT

	<u>Breaking out for and forming openings through brick walls for new doors and frames, including prestressed concrete lintels, making good cement plaster on both sides and into reveals and with 20 MPa concrete thresholds with steel trowelled finish (new doors and frames and making good paintwork elsewhere)</u>		
28	Opening for door with steel frame 813 x 2032 mm high overall through half brick wall	No	3
	<u>Sundries</u>		
29	Cutting toothings and bonding new brickwork to existing	m2	10
	<u>Terracotta face bricks pointed with recessed horizontal and vertical joints</u>		
30	Extra over brickwork for face brickwork in patches	m2	10
31	Cutting toothings and bonding new face brickwork to existing	m2	10
	Note: The following items are to remain the property of the employer and are to be carefully taken out, temporarily stored, transported over a distance of approximately ?km and handed over:		
32	1. Timber doors including timber frames	No	120
33	2. Steel door frames from toilets	No	12
34	3. Ironmongery from doors	No	112
35	4. Sanitary ware - (Wash hand basin and Water closet with Cistern and urinals)	No	36
36	5. Geyser	No	3

Carried to Collection

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Section No. 3
BUILDINGS
Bill No. 1
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THE UPGRADING OF KOSHUIS OFFICE COMPLEX IN WATERBERG DISTRICT

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Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 2</u>			
	<u>FOUNDATIONS</u>			
	For preambles see "Model Preambles for Trades (2008 Edition)"			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Soil poisoning</u>			
	Ant and weed poisoning will be applied in accordance to SABS/SANS specifications by Registered and Approved Specialists who will issue a five (5) year guarantee. The contractor will only be paid for this items once they have produced the said certificate to the Principal Agent and all is in order in this regard.			
	<u>EARTHWORKS</u>			
	<u>SOIL POISONING</u>			
	<u>Soil insecticide to be executed with SABS compliance by a firm of specialists under a 5 year guarantee</u>			
1	Drilling and injecting Ant and Termites poisoning in 16 mm diameter drilled holes 1 meter apart below floors and aprons	m	310	
2	Spraying of the Termites poisoning inside the timber roof	m2	2,527	
3	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	502	
	Carried Forward to Summary of Section No. 3			
	Section No. 3			
	BUILDINGS			
	Bill No. 2			
	FOUNDATIONS			
			R	

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 3</u>			
<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
For preambles see "Model Preambles for Trades (2008 Edition)"			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Cost of tests</u>			
The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor and to the approval of the architect. (Test cubes are measured separately)			
<u>Breeze concrete</u>			
Breeze concrete shall consist of twelve parts clean dry furnace ash, free from coal or other foreign matter, to one part cement (12:1), the ash graded up to particles which will pass a 16,5mm ring from a minimum which fails to pass a 4,75mm mesh. The finer materials from the screening are to be first mixed with the cement into a mortar and the ash added afterwards and thoroughly incorporated			
<u>Formwork</u>			
Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use			
		Carried to Collection	R
Section No. 3 BUILDINGS Bill No. 3 CONCRETE, FORMWORK & REINFORCEMENT			

The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself

Formworks to soffits of solid slabs etc shall be deemed to be slabs not exceeding 250mm thick unless otherwise described

Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described

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

UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACE

15 Mpa/19mm concrete

1	Aprons cast in panels on waterproofing	m3	38
2	Thickening down edge of apron 110mm deep x 200mm wide (net), including preparing ground or earth filling, necessary formwork, etc	m	418

TEST CUBES

3	Allow for preparing a set of three (3) concrete strength test cubes, each size 150 x 150 x 150mm, sending them to an approved Testing Laboratory for testing and paying all charges in connection therewith (Provisional).	Sets	8.0
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CONCRETE SUNDRIES

Carried to Collection

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CONCRETE, FORMWORK & REINFORCEMENT

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<u>Face bricks</u> Bricks shall be ordered timeously to obtain uniformity in size and colour <u>Pointing</u> Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc <u>SAMPLES</u> Samples of all masonry building units, shall consist of a minimum of 6 units <u>SUPERSTRUCTURE</u> <u>Brickwork of NFP bricks in class II mortar</u>				
1	One brick walls	m2	148	
<u>BRICKWORK SUNDRIES</u> <u>Brickwork reinforcement</u>				
2	150mm Wide reinforcement built in horizontally	m	260	
Carried to Collection				R
Section No. 3 BUILDINGS Bill No. 4 MASONRY				



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Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 5</u>			
<u>ROOF COVERINGS, ETC.</u>			
For preambles see "Model Preambles for Trades (2008 Edition)"			
<u>SUPPLEMENTARY PREAMBLES</u>			
All items are measured net unless otherwise described			
<u>Flashings, trimming plates, etc.</u>			
Prices to include for all cutting and waste and relevant fixing material, unless otherwise described			
All rates for flashings, trimmings, etc., to include for forming drips and closed ends to troughs of sheet steel roof covering where applicable			
All items are unless otherwise described measured net			
<u>PROFILED METAL SHEETING AND ACCESSORIES</u>			
<u>RCP101/2 0.5 mm Z150 spelter galvanised corrugated steel sheets with "Chromadeck" finish of approved standard colour on one side and standard grey backing finish on reverse side, fixed to timber purlins</u>			
1	Roof covering with pitches not exceeding 25 degrees	m2	2,650
2	Roof covering to flat roofs	m2	70
Carried to Collection			R
Section No. 3 BUILDINGS Bill No. 5 ROOF COVERING, ETC.			

6	50mm Thick insulation boards fixed concurrent with roof covering etc.	m2	1,473
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Section No. 3
BUILDINGS
Bill No. 5
ROOF COVERING, ETC.

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Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 6</u>			
	<u>CARPENTRY AND JOINERY</u>			
	For preambles see "Model Preambles for Trades (2008 Edition)"			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Pre-fabricated metal connected timber roof trusses</u>			
	<u>All trusses shall be fabricated by an approved truss manufacturer who holds a current Certificate of Competence awarded by the Institute for Timber Construction</u>			
	<u>Timber</u>			
	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			
	<u>Bolts</u>			
	Bolts shall be in accordance with BS 4190 or SABS 135			
	<u>Shear plates, tooth connectors and split rings</u>			
	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"			
	Carried to Collection			
	Section No. 3 BUILDINGS Bill No. 6 CARPENTRY & JOINERY		R	

Washers

Square or round washers of the following dimensions shall be used with all bolts

1. Bolts up to 8mm diameter:

Washers shall be minimum 25mm wide of minimum 2.50mm thickness

2. Bolts up to 12mm diameter:

Washers shall be minimum 36mm wide of minimum 4.00mm thickness

3. Bolts up to 20mm diameter:

Washers shall be minimum 60mm wide of minimum 5.00mm thickness

Metal connector plates

Metal connector plates shall be fabricated out of not less than 1mm thick drawn quality galvanised steel

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

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

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Truss construction

Trusses shall be constructed in jigs specially designed to ensure the correct profile, overhangs and cambers

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

Truss design

All trusses shall be designed by a registered Professional Engineer in accordance with SABS 0163 ("Design of Timber Structures") and Code 0160 ("Loading")

Truss
spacing

The truss centres shall be less than or equal to that as described in this bill for each respective truss

Truss pitch

The truss pitch shall be as described in this bill for each respective truss type

Truss loading

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"

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Shop drawings, design and erection guarantee certificates

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

Dimensions

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

Erection

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

Design system

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 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

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<p><u>Specific specifications for roof trusses</u></p> <p>Unless otherwise described, the following specifications will apply</p> <p>1 All trusses to be with a 25° pitch at approximately 750 mm centres</p> <p>2 The dead load consists of corrugated steel sheet with 50 x 76 purlins</p> <p><u>Rates</u></p> <p>Tendered rates to include for the complete roof construction, including the design of the roof construction, all timber of required grade and type shown on the design, all cutting and waste, cutting to the exact lengths and end angles to manufacture the respective truss type, supply of all connectorplates, fabrication of trusses, checking the completed truss for quality, loading up, transporting to the site of the works and off loading, storing under cover and protecting from the weather, hoisting up in position and erection of the roof truss structure, necessary supervision, submission of all shop drawings, design and erection guarantee certificates, etc. as specified</p> <p><u>ROOFS ETC</u></p> <p><u>Allow for the preparation and submission of the following documents in respect of all buildings</u></p>				
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, SABS specifications adhered to, general procedures and loadings adopted, sizes and grading of timber components, details, etc	Item		
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<p>Section No. 3 BUILDINGS Bill No. 6 CARPENTRY & JOINERY</p>			R	

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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 Project Manager		Item
	<u>Sawn softwood</u>		
4	Roof construction to double pitched roof including wall plates, 114 x 38 mm trusses, intermediate beams, jack rafters, permanent bracing, 50 x 76 mm purlins at 750 mm centres for roof covering, etc (approximately 2650 m2 roof covering area measured on slope) as shown on the architectural drawings		Item
5	38 x 76mm Common rafters in lengths exceeding 2,4m and not exceeding 3,6 m	m	67

EAVES, VERGES, ETC

High density plain fibre-cement flat sheets

6	Everite medium density plain ungrooved Nutec fascia boards, size 300 x 12mm thick, fixed to 38 x 38mm tilter batten and 38 x 38mm support battens between rafters twice screwed with 12 x 40mm countersunk brass screws at 900mm centres to support battens with Chromaprep H-profile fascia joiner between boards and Chromaprep H-profile fascia corner joiners at board ends.	m	310
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DOORS, ETC

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	<u>Wrought Meranti doors hung to steel frames</u>		
7	40mm Framed batten door 813 x 2032mm high of 40 x 100mm top rail and stiles, 16 x 100mm middle ledge and braces and 40 x 200mm bottom rail filled in with 20 x 76mm V-jointed one side boarding and covered on other side with 4mm plywood with veneer to match door let into and including rebates all round including 50 x 76mm weather bar let into and including rebate in door	No	4
	<u>Semi-solid core flush doors with concealed hardwood edges and finished both sides with 3.2mm tempered hardboard suitable for painting and hung to steel door frames</u>		
8	44 mm Door 813 x 2013	No	112
9	44 mm Door 900 x 2013	No	8

KITCHEN CUPBOARDS

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General notes on kitchen cupboards

Interior carcasses, shelves, bottoms, etc to be 16mm thick interior grade particle board with white "Melamine" decorative laminate to all exposed surfaces. All exposed edges to be fitted with 3.2mm thick white "Melamine" edge strips. Carcasses to be fitted at back with 6mm thick white "Masonite" backing
All exposed carcasses, sides, etc to be 16mm thick interior grade particle board with "Royal Cherry Melamine" laminate to all exposed surfaces. All exposed edges to be fitted with 3.2mm thick "Royal Cherry Melamine" edge strips
Kickplates to be 16mm thick interior grade particle board Royal Cherry Renolit decorative laminate to all exposed with surfaces
Doors to be 16mm thick interior grade particle board with two long postformed vertical edges with "Royal Cherry Renolit" decorative laminate on all surfaces
Floor units to be supplied and installed complete with tops and kick plates
Tops of floor units to be 32mm thick "Rustenburg Black" polished granite with rounded leading edges.
Tops for floor units have been measured seperately
All butt edges and edges against walls to be sealed with silicone sealant. Hinges to be "Hettich" type and drawer runners to be of 500mm long metal type "FR602" with nylon runners. All units to supplied and installed complete with approved handles hinges and other ironmongery
The following cupboard fittings have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be deemed to include all components assembling housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, decorative plastic finish glass, ironmongery, metalwork, paint or varnish finishes, etc

KITCHEN CUPBOARDS IN KITCHENETTE

Cupboard Connections

- 10 Floor cupboard type F900, 900 x 550 x 880mm high with sides bottom, division, shelf, back and two hinged doors

No

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3 Extra over ceiling for 600 x 600 mm trap door of 38
 x 76 mm wrought soft wood rebated framing with
 one cross
 brander,covered with ceiling board and fitted flush
 in
 opening, including necessary trimmers around

No 18

Gypsum plasterboard cornices

4 75mm Coved cornices

m 1,786

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CEILINGS, ETC.

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Item No		Quantity	Rate	Amount
	<p><u>SECTION NO 3</u></p> <p><u>BILL NO. 8</u></p> <p><u>IRONMONGERY</u></p> <p>For preambles see "Model Preambles for Trades (2008 Edition)"</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Fixing of door locks, handles, flush bolts, etc. Fixing of all door locks, handles, flush bolts, etc. shall be regarded as fixed to timber door leaves, unless specifically otherwise indicated</p> <p>Preparation of door frames</p> <p>Descriptions for flush bolts, door closers, floor springs, etc. shall be deemed to include all necessary preparations to door frames to accommodate same Tendered rates must make provision for this as no additional claims in this regard will afterwards be entertained</p> <p>En-suite locks All "en-suite" locks shall be ordered to operate in a dedicated master keyed and/or grand master keyed lock system as described Master keyed and/or "grand master keyed" locks are indicated by the following suffixes: MKD Master keyed GMK Grand Master keyed</p>			
	<p>Carried to Collection</p>		R	
	<p>Section No. 3 BUILDINGS Bill No. 8 IRONMONGERY</p>			

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<u>HINGES, BOLTS, ETC</u>		
<u>Manufactured by.....?</u>		
1	"Ref ? "WC indicator bolt	No 36
<u>LOCKS</u>		
<u>Manufactured by.....?</u>		
2	"Ref ? "Cylinder lockset	No 102
<u>SUNDRIES</u>		
3	38mm Diameter rubber door stop (plugged)	No 44
<u>Rubber door mats</u>		
4	600 x 450 x 20mm Door mat laid loose	No 5
<u>BATHROOM FITTINGS</u>		
<u>Manufactured by "Kimberly clark" or similar approved</u>		
5	Ref MR2 Code: 426130 stainless steel lockable toilet roll holder, plugged	No 36
6	Ref Aqaurius code: 6948 soap dispenser, plugged	No 12
<u>Manufactured by.....?</u>		
7	32mm "Ref RS2A" stainless steel back grab rail 670 mm long, plugged	No 8
8	32mm "Ref DL2" stainless steel side grab rail 900mm girth, plugged	No 8
<u>DOOR CLOSERS</u>		
Carried to Collection		
Section No. 3 BUILDINGS Bill No. 8 IRONMONGERY		

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Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 9</u>			
<u>METALWORK</u>			
For preambles see "Model Preambles for Trades (2008 Edition)"			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Descriptions of bolts, anchors, etc</u>			
<p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres</p>			
<u>PRESSED STEEL DOOR FRAMES</u>			
<u>1.2mm Rebated frames suitable for one brick walls</u>			
1	Frame for door 813 x 2032mm high	No	7
Carried Forward to Summary of Section No. 3			R
Section No. 3 BUILDINGS Bill No. 9 METALWORK			

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Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 11</u>			
<u>TILING</u>			
For preambles see "Model Preambles for Trades (2008 Edition)"			
<u>SUPPLEMENTARY PREAMBLES</u>			
<p>Tiles, mosaics, etc shall be even in shape and size, free from cracks, twists or blemishes and uniform in colour Surfaces shall be clean and free from oil and thoroughly wetted directly before any tiling is commenced. All surfaces shall be prepared as per manufacturer's instructions to form a proper key Where tiles are fixed to plaster or screeds with an adhesive, the adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be straight, continuous and flush pointed with an approved grouting compound Prices are to include for all square cutting and waste, cleaning off on completion and protection from injury. Areas are measured net to face of bare brickwork and concrete. Any additional area caused by the thickness of tiling and screed are to be allowed for in prices</p>			
<u>WALL TILING</u>			
<u>300 x 600 x 12.5mm Matt finished full bodied porcelain tiles (allow the prime cost of R300/m2 for tiles), fixed with suitable adhesive to plaster (plaster elsewhere) with 3mm joints flush pointed with tinted waterproof jointing compound</u>			
1	On walls	m2	686
2	On narrow widths, etc.	m2	1
<u>FLOOR TILING</u>			
Carried to Collection			R
Section No. 3 BUILDINGS Bill No. 11 TILING			

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Sealing of edges

Outer edges of sinks, basins, urinals, etc are to be sealed against adjacent surfaces with "Bayer 400F" silicone

uPVC pressure pipes and fittings

Pipes for water supply shall be of the class stated

Pipes of 50mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings

Pipes of 63mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints

Copper pipes

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

Copper pipes are to be installed in accordance with the latest revision of the code of Practice for Copper Plumbing soldering techniques. Flux, solder, etc to be strictly in accordance with the manufacturer's requirements with special attention to copperflux composition

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Reducing fittings

Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 63mm, 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

Fixing of pipes

Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc, casting in, building or suspending not exceeding 1m below suspension level

Disinfection of water pipework

All water pipework is to be disinfected in accordance with SABS 1200L

Excavations

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

"Hard rock" shall be as defined in "Earthworks"

Laying, backfilling, bedding, etc. of pipes

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

Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following:

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**THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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SABS 1200L : Medium-pressure pipelines
SABS 1200LD : Sewers
SABS 1200LE : Stormwater drainage

Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB :
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 1200LB : Bedding
(Pipes)

Unless otherwise described bedding of rigid pipes shall be class B bedding

General

Descriptions of pipes laid in and including trenches and of inspection chambers, catchpits, etc shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 93% Modified AASHTO density and disposal of surplus material on site

Descriptions of copper service pipes and flexible connecting pipes shall be deemed to include connections to taps, cisterns, etc and to steel pipes

Descriptions of wc pans, slop hoppers, etc shall be deemed to include for joints to soil pipes (pan connectors separately measured)

As-built drawings

Where required, the contractor shall at all times keep an updated set of "as-built" drawings. At completion of the contract the contractor shall hand these drawings to the architect for reproducing onto the originals for handing over to the employer (Provision for allowance of as-built drawings elsewhere)

RAINWATER DISPOSAL

0,6mm Galvanised sheet gutters and rainwater pipes

1	125 x 100mm Eaves gutters with beaded front edge	m	310
2	75 x 100mm Rainwater pipes	m	221

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3	125 x 100mm Rainwater pipes	m	221
4	Extra over eaves gutter for stopped end	No	20
5	Extra over gutter for outlet for 75 x 100mm pipie	No	20
6	Extra over rainwater pipe for bend	No	20
7	Extra over rainwater pipe for shoe	No	20

SANITARY FITTINGS ETC

"Franke" stainless steel

8	1160 x 460mm "Nouveau NVN621" Double end bowl Stainless steel sink with two 460 x 345mm centre bowls on cupboards (Cupboards elsewhere)	No	6
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"Vaal"

9	835 x 558mm "Betta Lux Courier basin box set" Code BET-XBPX08A	No	24
10	"Hibiscus" Vitreous china close-coupled 90° outlet open rim front single flush toilet suite complete with lid and fitments (Parker fittings) Code: VAA-772402WH	No	36
11	Pearl Paraplegic" semi close couple 90° outlet open rim wash-down pan and matching 9 litre cistern complete with lid, fitments, and purpose made c.p. side-flush lever (left or right) Supplied with purpose made urea seat and cover plate. Code: VAA-7300SCWH	No	8
12	Flat back T1 wall urinal with 4,5 litre high level automatic flushing cistern with exposed flush pipe, spreader and waste union	No	16

WASTE UNIONS ETC

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THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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	<u>"Cobra Watertech"</u>		
13	32mm "?" chromium plated basin waste union and "?" chromium plated anti-theft plug	No	24
14	40mm "?" chromium plated bath or sink waste union	No	4
	<u>TRAPS ETC</u>		
15	32mm Rubber reseal "P" or "S" trap	No	24
16	? x ?mm Rubber double bowl wash trough or sink reseal "P" or "S" trap combination	No	4
	<u>TAPS, VALVES, ETC</u>		
17	22m Brass stopcock	No	3
	<u>Manufactured by.....?</u>		
18	15mm "?" chromium plated stopcock	No	116
19	15mm "?" chromium plated basin mixer with pop-up waste and angle flow regulating valves	No	24
20	15mm "?" chromium plated sink mixer	No	6
21	22mm pressure control valve with vacuum breaker	No	3
22	? concealed type urinal flush valve with chromium plated palm press push button and push rod, including "?" flush pipe	No	16

SANITARY PLUMBING

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	<u>Cast iron pipes with spigot and socket joints</u>		
23	110mm pipes	m	40
	<u>Extra over uPVC pipes for fittings</u>		
24	110mm Bend	No	12
25	110mm Junction	No	32
26	110mm Pan connector	No	36
27	110mm Access bend	No	18
	<u>Galvanised steel pipes with screwed and socketed joints</u>		
28	50mm pipes	m	62
	<u>Extra over galvanised steel pipes with screwed and socketed joints for steel fittings</u>		
29	50mm Bush	No	10
	<u>Extra over galvanised steel pipes with screwed and socketed joints for brass fittings</u>		
30	50mm bend	No	8
31	50mm junction	No	8
32	50mm Access bend	No	12
33	50mm Access junction	No	16
	<u>Sundries</u>		
34	Testing waste pipe system		Item

WATER SUPPLIES

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	<u>Class 1 copper pipes with capillary couplings</u>		
35	22mm pipes	m	160
36	22 mm Pipes chased into brickwork including brown paper lagging	m	80
	<u>Extra over class 16 uPVC pressure pipes for fittings with solvent welded joints</u>		
37	22mm elbow	No	23
38	22mm tee	No	46
	<u>Extra over Class 1 copper pipes for galvanised steel fittings</u>		
39	15mm flanged adaptor	No	5
	<u>Extra over Class 1 copper pipes for brass compression fittings</u>		
40	22mm Fittings	No	116
	<u>Flexible service pipes</u>		
41	15mm Service pipe 350mm girth	No	116
	<u>Sundries</u>		
42	Testing water pipe system		Item
	<u>ELECTRIC WATER HEATERS</u>		
	<u>Manufactured by "Kwikot or similar approved"</u>		
43	150mm Litre "?" wall electric water heater	No	4
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AS-BUILT
DRAWINGS

44 Provision of as-built drawings

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<u>SECTION NO. 3</u>			
<u>BILL NO. 13</u>			
<u>MECHANICAL</u>			
For preambles see "Model Preambles for Trades (2008 Edition)"			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Piping</u>			
Pipe diameters are nominal internal unless otherwise stated 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 diameter 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 diameters are given and no claim for extra bushes, reducers, etc will be entertained			
<u>Fixing of pipes</u>			
Unless 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			
<u>Valves</u>			
Descriptions of valves shall be deemed to include flanged or screwed connections to pipes, reducers, supports, etc			
Carried to Collection			R
Section No. 3 BUILDINGS Bill No. 13 MECHANICAL			

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Insulation

Descriptions of insulation shall be deemed to include priming the pipes with zinc chromate primer before the insulation is applied, painting the insulation when completed and applying vapour barrier where specified

AIR CONDITIONING INSTALLATION

SPLIT TYPE UNITS

1	1,2 kW Wall mounted unit with condensor section mounted on external wall	No	30
2	1,8 kW Wall mounted unit with condensor section mounted on external wall	No	4

Carried to Collection

Section No. 3
BUILDINGS
Bill No. 13
MECHANICAL

R

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THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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Section No. 3
BUILDINGS
Bill No. 14
GLAZING

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 15</u>			
<u>PAINTWORK</u>			
For preambles see "Model Preambles for Trades (2008 Edition)"			
<u>PREPARATORY WORK TO EXISTING WORK</u>			
<u>Previously painted plastered surfaces</u>			
Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth			
<u>Previously painted metal surfaces</u>			
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
<u>Previously painted wood surfaces</u>			
Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth			
<u>PAINTWORK ETC TO PREVIOUSLY PAINTED WORK</u>			
<u>One coat low odour premium quality highly washable and stain resistant acrylic emulsion paint, on work in sound condition</u>			
1	On walls	m2	3,993
2	On ceilings and cornices	m2	1,403
Carried to Collection			R
Section No. 3 BUILDINGS Bill No. 15 PAINTING			

<u>ON EXTERNAL OLD FACE BRICKWORK SURFACE</u>		
<u>Two coats of "Dulux" brick dressing</u>		
3	Walls	m2 2,070
<u>ON METAL SURFACES</u>		
<u>One coat alkyd based zinc phophate primer and two coats premium quality polyurethane enamel paint, on steel</u>		
4	Door frames	m2 8
5	Steel window frames	m2 585
6	Steel piping	m2 23
<u>ON WOOD</u>		
<u>Two coats superior quality clear matt varnish</u>		
7	On doors	m2 164
<u>PAINTWORK ETC TO NEW WORK</u>		
<u>ON INTERNAL FLOATED PLASTER SURFACES</u>		
<u>One coat alkali resistant primer and two coats extremely durable UV-resistant washable pure acrylic emulsion sheen paint with teflon</u>		
8	On internal walls	m2 5,297
<u>ON EXTERNAL FIBRE-CEMENT SURFACES</u>		
<u>One coat primer and two coats low odour premium quality highly washable and stain resistant acrylic emulsion paint for interior use</u>		
9	On ceilings and cornices	m2 757
Carried to Collection		
Section No. 3 BUILDINGS Bill No. 15 PAINTING		

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10	On fascias and barge boards	m2	141
<u>ON INTERNAL GYPSUM PLASTER SURFACES</u>			
<u>One coat primer and two coats low odour premium quality highly washable and stain resistant acrylic emulsion paint for interior use</u>			
11	On ceilings and cornices	m2	1,403
<u>ON WOOD</u>			
<u>Spot priming bare wood surfaces, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint</u>			
12	On doors	m2	441
13	On rafters and purlins	m2	14
<u>ON METAL</u>			
<u>Spot priming bare metal surfaces, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint</u>			
14	On door frames	m2	8
15	On window frames	m2	586
16	On eaves gutters	m2	124
17	On rainwater downpipes	m2	102

Carried to Collection

Section No. 3
BUILDINGS
Bill No. 15
PAINTING

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Section No. 3				
BUILDINGS				
<u>SECTION SUMMARY - BUILDINGS</u>				
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10	PLASTERING	67		
11	TILING	70		
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13	MECHANICAL	83		
14	GLAZING	84		
15	PAINTING	88		
Carried to Final Summary			R	
Section No. 3 BUILDINGS				

Item No	Quantity	Rate	Amount
<u>SECTION NO. 4</u>			
<u>BILL NO. 1</u>			
<u>PAVING</u>			
<u>Materials and workmanship must be in accordance to the following SABS 1200 specifications:</u>			
C	- Site clearance		
D	- Earthworks		
DM	- Earthworks (Roads, subgrade)		
M	- Roads (General)		
ME	- Sub-base		
MF	- Base		
MK	- Kerb and Channeling		
MM	- Ancillary Roadworks		
<u>EARTHWORKS</u>			
<u>Site clearance</u>			
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	2,100
<u>Earthworks</u>			
2	Excavate in pickable earth to reduce ground level below paving and set aside for later use	m3	630
<u>Compaction of surfaces</u>			
3	Compaction of ground surfaces under pavings etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 98% Mod AASHTO density	m2	2,100
<u>Paving layers</u>			
<u>Selected earth filling obtained from the excavations and/or prescribed stock piles on site</u>			
Carried to Collection			R
Section No. 4 SITE WORKS (PROVISIONAL) Bill No. 1 ROADWORK, PAVING AREAS AND PAVING			

THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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4	Subbase course under parking areas etc, compacted to 93% Mod AASHTO density	m2	2,100
5	Subbase course under parking areas etc, compacted to 93% Mod AASHTO density	m2	2,100
<u>PAVING</u>			
<u>75mm Thick 20 Mpa precast concrete interlocking block paving blocks 110 x 220mm grey paving blocks in accordance with SANS 1058, laid to falls on and including 25mm thick sand layer with butt joints in with sand compacted with a vibration compactor</u>			
6	Paving to parking areas etc to fall	m2	2,100
7	Weed-killing treatment of surface under paving	m2	2,100
<u>Kerbs, etc</u>			
8	150 x 300 mm High kerbs (SANS 927 fig 3) with 150 x 150 x300mm unreinforced concrete haunching at back of each joint, including excavation, backfilling,etc	m	600
9	150 x 300 mm High kerbs (SANS 927 fig 3) with 150 x 150 x300mm unreinforced concrete haunching at back of each joint, circular on plan not exceeding 4m radius, formed with short lengths of straight kerbs, including excavation, backfilling,etc	m	60
<u>Road signs</u>			
10	Standard "STOP" sign with 50mm diameter galvanised mild steel post bedded in and including unreinforced concrete base, including any necessary excavation, paint finish,etc	No	4
<u>Paintwork</u>			
11	100mm Wide Line	m	200
12	200mm Wide Line	m	20
13	Arrow 1200 x 2000mm overall	No	4

Carried to Collection

Section No. 4
SITE WORKS (PROVISIONAL)
Bill No. 1
ROADWORK, PAVING AREAS AND PAVING

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14	Numeral or Letter 1200mm high	No	12		
	<u>Concrete Stormwater Channels</u>				
15	550 x 275mm Segmental channel formed therein and finished smooth on exposed surfaces, incl. all excavations, cart away etc.	m	100		
	<u>CARPORTS</u>				
16	RCP101/2 0,5mm Z150 spelter galvanised corrugated steel sheets with "Chromadeck" finish of approved standard colour on one side and standard grey backing finish on reverse side, fixed to steel purlins on flat roof 5000 x 6000mm double parking area including 100 x 100mm square hollow section posts, bearers, etc, the posts 2700mm long with 150 x 150 x 6mm baseplate welded on fixed to and including 15MPa mass concrete bases, including excavation, backfilling, gloss enamel paint to posts, bearers, steel wire strainer,etc	No	70		
	<u>FENCING</u>				
	<u>Steel palisade fence including site clearance and preparation of ground including paintwork both sides measured</u>				
17	Seven spikes Steel palisade fence 2400mm high above ground level over flat or sloping terrain with welding to 76 x 76 x 4mm thick x 3,00m long intermediate and end posts at 3000mm in centres cast into concrete bases, 42 x 42mm x 2,85m long top, middle and bottom horizontal rails with ends welded onto posts and 40mm x 2,4m long palings at 160mm centres v punched to rails at intersections	m	600		
	<u>GATES, ETC.</u>				
Carried to Collection					
Section No. 4					
SITE WORKS (PROVISIONAL)					
Bill No. 1					
ROADWORK, PAVING AREAS AND PAVING					

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Security gates,etc including one coat primer, one undercoat and two finishing coats gloss enamel paint

18 Suitable electrical motor with sliding gate 4800 x 2400mm high of 76 x 76 x 2,5mm thick hollow section frame with two 76 x 50 x 2,5mm mullions, filled in with 20 x 20mm solid section vertical rails at 100mm centres including 20mm solid section guard rail set into and including concrete base, three approved steel roller wheels fixed to bottom rail and with and including heavy sliding gate electric lock catch, electrical motor, 20m cable and electrical connection, for remote access control disc,etc

No

2

Carried to Collection

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Section No. 4
SITE WORKS (PROVISIONAL)
Bill No. 1
ROADWORK, PAVING AREAS AND PAVING

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THE UPGRADING OF KOSHUIS OFFICE COMPLEX
IN WATERBERG DISTRICT

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Item No	Quantity	Rate	Amount
<u>SECTION NO. 5</u>			
<u>BILL NO. 1</u>			
<u>PROVISIONAL AMOUNTS ETC</u>			
<u>PROVISIONAL SUMS FOR SELECTED SUB-CONTRACT WORKS</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>General</u>			
All prime cost amounts and provisional sums are net and include for delivery to site of all articles concerned			
Sub contractors will be treated as domestic sub contractors for the purpose of this contract. They shall be selected sub contractors and the main contractor will be afforded the opportunity to reject such sub contractors prior to appointment provided reasonable justification is given			
<u>Profit</u>			
Where stated, the contractor may allow for profit if required			
<u>General attendance upon selected sub-contractors</u>			
The item "Attendance" which follows each provisional sum for selected sub-contractors work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the selected sub-contractors, the following:			
1. The services as in clause B7 of the Preliminaries			
2. Making good in all trades and cleaning down and removal of rubbish on completion			
Carried to Collection		R	
Section No. 5 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS			

THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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<u>Contingency sums</u>			
Work for which contingency sums are allowed will be measured and valued in accordance with clause A18 of the Conditions of Contract (NPW1) and deducted in whole or in part if not required			
<u>Preliminaries</u>			
The contractor is referred to the Preliminaries for further amplification of "Prime Cost Amounts and Provisional Amounts"			
<u>General Electrical Installation</u>			
1	Provide the sum of R750 000-00 (seven hundred fifty thousand rands) for General Electrical Installation by a Specialist	Item	750,000.00
2	Allow for giving every facility to Specialists as described	Item	
3	Allow for profit on above if required	Item	
<u>Fire escape doors and frames</u>			
4	Provide the sum of R15 000-00 (fifteen thousand rands) for Fire Escape doors and frames by Specialists	Item	15,000.00
5	Allow for giving every facility to Specialists as described	Item	
6	Allow for profit on above if required	Item	
<u>Fire Detection Installation</u>			
7	Provide the sum of R240 000,00 (two hundred and forty thousand rands) for Fire Detection Installation by Specialists	Item	240,000.00
8	Allow for giving every facility to Specialists as described	Item	
9	Allow for profit on above if required	Item	
Carried to Collection			
Section No. 5 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS		R	

THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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<u>Information Technology and Communication (ICT) Installation</u>			
10	Provide the sum of R100 000-00 (one hundred thousand rands) for ICT Installation by Specialists	Item	100,000.00
11	Allow for giving every facility to Specialists as described	Item	
12	Allow for profit on above if required	Item	
<u>Joinery Fittings Installation</u>			
13	Provide the sum of R260 000-00 (two hundred sixty thousand rand) for Joinery Fittings by Specialists	Item	260,000.00
14	Allow for giving every facility to Specialists as described	Item	
15	Allow for profit on above if required	Item	
<u>Drilling and Equipping of Borehole</u>			
16	Provide the sum of R450 000-00 (four hundred fifty thousand rands) for Drilling and Equipping of a Borehole by Specialists	Item	450,000.00
17	Allow for giving every facility to Specialists as described	Item	
18	Allow for profit on above if required	Item	
<u>Landscaping</u>			
19	Provide the sum of R250 000-00 (two hundred fifty thousand rands) for Landscaping by Specialists	Item	250,000.00
Carried to Collection			
Section No. 5 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS		R	

THE UPGRADING OF KOSHUIS OFFICE COMPLEX
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20	Allow for giving every facility to Specialists as described	Item	
21	Allow for profit on above if required	Item	
	<u>Guard House</u>		
22	Provide the sum of R250 000-00 (two hundred fifty thousand rands) for the construction of a new guard house (BOQ shall be provided for pricing)	Item	250,000.00
23	Allow for giving every facility to Specialists as described	Item	
24	Allow for profit on above if required	Item	
	<u>Alternative Energy Sources</u>		
25	Provide the sum of R1 000 000-00 (one million rands) for Alternative Energy Sources Installation by Specialists	Item	1,000,000.00
26	Allow for giving every facility to Specialists as described	Item	
27	Allow for profit on above if required	Item	
	<u>Project Steering Committee</u>		
28	Provide the sum of R15 000,00 (fifteen thousand rands) for project steering committee	Item	15,000.00
29	Allow for profit on above if required	Item	
30	Allow for giving every facility to Specialists as described	Item	
	<u>Community Liaison Officer</u>		
31	Provide the sum of R120 000,00 (One hundred twenty thousand rands) for community liaison officer	Item	120,000.00
32	Allow for profit on above if required	Item	
33	Allow for giving every facility to Specialists as described	Item	
Carried to Collection			R
Section No. 5 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS			

WORK EXECUTED BY SEPARATE DIRECT SERVICE PROVIDERS

The following work will be executed by Service Providers under direct agreement with the Employer. The Contractor is to accommodate these Service Providers and allow them to execute their work unhindered and allow them the use of water and toilet facilities. Damage caused by these Service Providers to work completed by the principal Contractor is to be recorded in detail to enable the Employer to counter-charge the direct Service Providers the cost of making good such damages.

Occupational Health and Safety Consultant

- 34 Provide the sum of R350 000,00 (Three hundred fifty thousand rands) for Occupational Health and Safety Consultant to be appointed by Employer.
- 35 Allow for profit on above if required
- 36 Allow for giving every facility to Specialists as described

Item	350,000.00
Item	
Item	

Social Faciltator, etc.

- 37 Provide the amount of R250 000.00 (Two hundred fifty thousand rands) for the Social Facilitator
- 38 Allow for profit on above if required
- 39 Allow for giving every facility to Specialists as described

Item	250,000.00
Item	
Item	

Carried to Collection

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Section No. 5
 PROVISIONAL SUMS
 Bill No. 1
 PROVISIONAL SUMS

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Section No	FINAL SUMMARY	Page No	Amount
1	PRELIMINARIES	26	
2	DEMOLITIONS ETC	29	
3	BUILDINGS	89	
4	SITE WORKS (PROVISIONAL)	94	
5	PROVISIONAL SUMS	100	
	Sub-total 1 - Building Cost		R
	<u>CONTINGENCY SUM</u>		
	Allow for Contingencies, to be used as directed by the Principal Agent/PM and deducted in whole or in part if not required	Item	1,093,000.00
	<u>SPECIAL CONDITIONS</u>		
	Allowance for fluctuations in costs	Item	1,420,000.00
	Sub total BUILDINGS (VAT excl.)		R
	Sub Total before VAT		R
	Vat at the rate of 15%		R
	Carried to Form of Tender		R