



# MIDVAAL LOCAL MUNICIPALITY

## TENDER DOCUMENT

FOR THE

**CONSTRUCTION, REFURBISHMENT AND  
MAINTAINACE OF BUILDINGS ON A AS  
AND WHEN REQUIRED BASES BASIS  
FOR A PERIOD OF 36 MONTHS, FOR  
MIDVAAL LOCAL MUNICIPALITY**

---

TENDERER  
NAME : .....

CSD SUPPLIER  
NUMBER : .....

ADDRESS : .....  
.....  
.....

Postal Code : .....

TELEPHONE : .....

FAX : .....

EMAIL : .....

## GENERAL TENDER INFORMATION

<b>TENDER ADVERTISED</b>	<b>: 11 JUNE 2025</b>
<b>ESTIMATED CIDB CONTRACTOR GRADING</b>	<b>: 7GB/ 6GBPE OR HIGHER</b>
<b>CLARIFICATION QUESTIONS</b>	<b>: NOT APPLICABLE</b>
<b>CLOSING DATE</b>	<b>: 9 JULY 2025</b>
<b>CLOSING TIME</b>	<b>: 10H00</b>
<b>CLOSING VENUE</b>	<b>: BLOCK A, MIDVAAL LOCAL MUNICIPALITY MEYERTON 1960</b>
<b>SITE VIEWING ALLOWED</b>	<b>: NOT APPLICABLE</b>

<b>Contents</b>	
<b>Number</b>	<b>Heading</b>
<b>The Tender</b>	
<b>Part T1: Tendering Procedures</b>	
T1.1	Tender Notice And Invitation To Tender
T1.2	Tender Data
<b>Part T2: Returnable Documents</b>	
SCHEDULE 0:	T2.1 List Of Returnable Documents
<b>The Contract</b>	
<b>Part C1: Agreements and Contract Data</b>	
C1.1	Form Of Offer And Acceptance
C1.2	Contract Data
C1.3	Performance Guarantee
C1.4	Adjudication
C1.5	Occupational Health And Safety Agreement
0	EPWP CLAUSES
C1.7	Annexure To Special Conditions Of Contract Transfer Of Rights And Indemnity
<b>Part C2: Pricing Data</b>	
C2.1	Pricing Instructions
C2.2	Bill Of Quantities
<b>Part C3: Scope Of Work</b>	
C3.1	Description Of The Works
C3.2	Construction
C3.3	Management

## **CONTENTS**

<b>PART T1: TENDERING PROCEDURES T1</b>	<b>5</b>
T1.1 TENDER NOTICE AND INVITATION TO TENDER	6
T1.2 CONDITIONS OF TENDER	9
T1.3 TENDER DATA	10
<b>PART T2: RETURNABLE DOCUMENTS</b>	<b>30</b>
T2.1 LIST OF RETURNABLE DOCUMENTS	31
T2.2 RETURNABLE SCHEDULES	31
T2.3 FUNCTIONALITY	31
<b>PART C1: CONTRACT</b>	<b>106</b>
C1.1 FORM OF OFFER AND ACCEPTANCE	
C1.2 CONTRACT DATA	
C1.2.1 CONDITIONS OF CONTRACT	
C1.2.2 CONTRACT SPECIFIC DATA	
C1.2.3 DATA PROVIDED BY THE TENDERER	
C1.3 FORM OF GUARANTEE	
C1.4 ADJUDICATOR'S AGREEMENT	
<b>PART C2: PRICING DATA</b>	
C2.1 PRICING INSTRUCTIONS	
C2.2 ACTIVITY SCHEDULE	
C2.3 BILL OF QUANTITIES	
<b>PART C3: SCOPE OF WORKS</b>	
C3.1 STANDARD SPECIFICATION	
C3.1.1 LIST OF DRAWINGS	
C3.2 GENERAL SPECIFICATIONS	
C3.7 OCCUPATIONAL HEALTH AND SAFETY	
<b>PART C4: SITE INFORMATION</b>	
C4.1 INTRODUCTION	

## **PART T1: TENDERING PROCEDURES**

---

- T1.1 Tender Notice And Invitation To Tender
- T1.2 Tender Data
  - T1.2.1 Standard Conditions of Tender
  - T1.2.2 Variations to the Standard Conditions of Tender
  - T1.2.3 Additional Conditions of Tender

## T1.1 TENDER NOTICE AND INVITATION TO TENDER

### CONSTRUCTION, REFURBISHMENT AND MAINTAINACE OF BUILDINGS MIDVAAL LOCAL MUNICIPALITY ON AS AND WHEN BASIS FOR 36 MONTHS

8/2/2/445

**Error! Reference source not found.** INVITES TENDERS FOR THE CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY FOR A PERIOD OF 36 MONTHS. It is estimated that tenderers should have a CIDB GRADING OF **7GB 6GB-PE OR HIGHER** contractor grading designation.

Preferences are offered to tenderers who have registered in the selected CIDB grading, who have suitable experience and suitable qualified employees and resources to render the services.

TENDERERS SHOULD NOTE THAT THIS IS A TERM TENDER AND ANY WORK CARRIED OUT WILL BE ORDERED AS AND WHEN NEEDED.

The Council reserves the right to accept any tender or part thereof and does not bind itself to accept the lowest and not to consider any tender not suitably endorsed or comprehensively completed. Tenders completed in pencil or re-typed will be regarded as invalid. Tenders must also be submitted in full, i.e. with all pages attached, failure thereof will result in the tender being disqualified.

The stipulated minimum threshold(s) for local production and content (refer to Annexure A of SATS1286:2011) for the bid is/are as follows:

Description of services, works or goods Stipulated minimum threshold

A BID MAY BE DISQUALIFIED IF THIS DECLARATION CERTIFICATE AND THE ANNEX C (Local Content Declaration: Summary Schedule) ARE NOT SUBMITTED AS PART OF THE BID DOCUMENT

Evaluation of the tender will be based on compliance with all criteria as set out in the special conditions of contract, the specifications and according to the preferential point goals as indicated in the tender documents.

Only tenderers who have read and signed the provisions of the rules and specifications which are included in the tender documents will be considered for evaluation.

The Physical Address for collection of Tender documents is:

No 25 Mitchell Street  
Meyerton  
GAUTENG  
1961

Documents may be collected during working hours after 12:00 on 11<sup>TH</sup> JUNE 2025.....

A non-refundable tender deposit of R630.70 payable by proof of deposit or cash is required on collection of the Tender documents.

Tender documents containing the specifications and details of the works will be available from at the Supply Chain Management offices. Fees are payable at the rates and taxes hall during office hours Monday – Friday, 07:30am – 15:00pm. Cheques are not accepted.

Alternatively, bank deposits may be directed to:

Midvaal Local Municipality

Bank: ABSA

Account Number: 4053203845

Branch: Public Sector – Gauteng West

NB: Please use **tender number 8/2/2/445** as a reference and remember to bring proof of deposit for collection of bid documents.

Queries relating to the issues of these documents may be addressed to:

Email: tenders@midvaal.gov.za

**A compulsory clarification meeting for this bid is not applicable.** The closing time for receipt of Tenders is 12H00 am on the 9<sup>th</sup> July 2025,

Telephonic, telegraphic, telex, facsimile, e-mailed or late tender offers will not be accepted.

**Tenders may only be submitted on the tender documentation that is issued by the Midvaal Municipality.**

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

**MBD 1 – INVITATION TO BID**  
**INVITATION TO BID**

<b>YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE MIDVAAL LOCAL MUNICIPALITY</b>					
<b>BID NUMBER:</b>	8/2/2/445	<b>CLOSING DATE:</b>	09 JULY 2025	<b>CLOSING TIME:</b>	10H00
<b>DESCRIPTION</b>	CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS IN MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN BASIS FOR A PERIOD OF 36 MONTHS				
<b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).</b>					
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
<b>Midvaal Local Municipality</b>					
25 Mitchell Street,					
Meyerton,					
1961					
<b>SUPPLIER INFORMATION</b>					
<b>NAME OF BIDDER</b>					
<b>POSTAL ADDRESS</b>					
<b>STREET ADDRESS</b>					
<b>TELEPHONE NUMBER</b>	<b>CODE</b>		<b>NUMBER</b>		
<b>CELLPHONE NUMBER</b>					
<b>FACSIMILE NUMBER</b>	<b>CODE</b>		<b>NUMBER</b>		
<b>E-MAIL ADDRESS</b>					
<b>VAT REGISTRATION NUMBER</b>					
<b>TAX COMPLIANCE STATUS</b>	<b>TCS PIN:</b>			<b>OR</b>	<b>CSD No:</b> MAAA
<b>B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No			<b>B-BBEE STATUS LEVEL SWORN AFFIDAVIT</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES &amp; QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR SPECIFIC GOALS POINTS FOR B-BBEE]</b>					
<b>ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]			<b>ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3]	
<b>SIGNATURE OF BIDDER</b>	.....			<b>DATE</b>	
<b>CAPACITY UNDER WHICH THIS BID IS SIGNED</b>					
<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:</b>			<b>TECHNICAL INFORMATION MAY BE DIRECTED TO:</b>		
<b>DEPARTMENT</b>	SCM		<b>DEPARTMENT</b>	Corporate services	
<b>TELEPHONE NUMBER</b>	016 360 7609		<b>TELEPHONE NUMBER</b>	010 496 2727	
<b>E-MAIL ADDRESS</b>	tenders@midvaal.gov.za		<b>E-MAIL ADDRESS</b>	tenders@midvaal.gov.za	

**PART B**  
**TERMS AND CONDITIONS FOR BIDDING**

<b>1. BID SUBMISSION:</b>	
<p>1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.</p> <p>1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR ONLINE</p> <p>1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.</p>	
<b>2. TAX COMPLIANCE REQUIREMENTS</b>	
<p>2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.</p> <p>2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.</p> <p>2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE <a href="http://WWW.SARS.GOV.ZA">WWW.SARS.GOV.ZA</a>.</p> <p>2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.</p> <p>2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.</p> <p>2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.</p> <p>2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.</p>	
<b>3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS</b>	
3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p><b>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 ABOVE.</b></p>	

**NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.  
NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.**

SIGNATURE OF BIDDER: .....

CAPACITY UNDER WHICH THIS BID IS SIGNED: .....

DATE: .....



The project requires construction, refurbishment and maintenance of buildings on an as and when required basis for a period of 36 months. The scope shall be determined by Midvaal Local Municipality and a work package will be prepared for each identified site. Each work package will include all the necessary feasibility studies and drawings depending on site conditions.

## **T1.2 TENDER DATA**

Tender Data is covered in two sections. T1.2.1 refers to the Standard Conditions of Tender while T1.2.3 sets out Additional Conditions of Tender.

### **T1.2.1 Standard Conditions of Tender**

The conditions of tender are the Standard Conditions of Tender as contained in Annex F of Board Notice 136 of 2015 in Government Gazette No 38960 of 10 July 2015, Construction Industry. Development Board (CIDB) Standard for Uniformity in Construction Procurement. (see [www.cidb.org.za](http://www.cidb.org.za)). Annexure F and Table G1 of that notice are reproduced without amendment or alteration for the convenience of tenderers. (See pages 8 - 17) (As per Board Notice 136 of 2015, Government Gazette No. 38960 of 10 July 2015)

*Note: 1 These Standard Conditions of Tender are identical to that contained in Annex F of SANS 660: 2015, Construction Procurement Processes, Procedures and Methods.*

## **F.1 GENERAL**

### **F.1.1. Actions**

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

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

*Note:*

- 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.*
- 2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.*

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

### **F.1.2. Tender Documents**

*The documents issued by the Employer for the purpose of a tender offer are listed in the Tender Data.*

### **F.1.3. Interpretation**

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

**F.1.3.2.** *These conditions of tender, the tender data and tender schedules which are only required for tender evaluation purposes, shall not form part of any contract arising from the invitation to tender.*

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

- a) **conflict of interest** means any situation in which :*

- i) *someone in a position of trust has competing professional or personal interests which make it difficult to fulfil his or her duties impartially;*
  - ii) *an individual or organisation is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or*
  - iii) *incompatibility or contradictory interests exist between an employee and the organisation which employs that employee.*
- b) **comparative offer** means the tenderer's financial offer after all tendered parameters that will affect the value of the financial offer have been taken into consideration in order to enable comparisons to be made between offers on a comparative basis;
- c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the Employer or his staff or agents in the tender process;
- d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a tender arising from a tender offer to the detriment of the Employer, including collusive practices intended to establish prices at artificial levels;
- e) **organization** means a company, firm, enterprise, association or other legal entity, whether incorporated or not, or a public body; and
- f) **quality (functionality)** means the totality of features and characteristics of a product or service that bear on its ability to satisfy stated or implied needs.

#### **F.1.4. Communication and Employer's Agent**

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

#### **F.1.5. The Employer's Right to Accept or Reject Any Tender Offer**

**F.1.5.1.** *The Employer may accept or reject any variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of a contract. The Employer shall not accept or incur any liability to a tenderer for such cancellation and rejection, but will give written reasons for such action upon written request to do so.*

**F.1.5.2.** *The Employer may not subsequent to the cancellation or abandonment of a tender process or the rejection of all responsive tender offers re-issue a tender covering substantially the same scope of work within a period of six months unless only one tender was received and such tender was returned unopened to the tenderer.*

#### **F.1.6. Procurement Procedures**

##### **F.1.6.1. General**

*Unless otherwise stated in the Tender Data, a contract will, subject to F.3.12, be concluded with the tenderer who in terms of F.3.10 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.*

##### **F.1.6.2. Competitive Negotiation Procedure**

**F.1.6.2.1.** *Where the Tender Data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of F.3.4, the Employer shall announce only the names of the tenderers who make a submission. The requirements of F.3.7 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.*

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

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

**F.1.6.2.4.** *The contract shall be awarded in accordance with the provisions of F.3.10 and F.3.12 after tenderers have been requested to submit their best and final offer.*

**F.1.6.3. *Proposal Procedure Using The Two-Stage System***

**F.1.6.3.1. *Option 1***

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

**F.1.6.3.2. *Option 2***

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

**F.1.6.3.2.2.** *The Employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the Tender Data, and award the contract in terms of these conditions of tender.*

**F.2 *TENDERER'S OBLIGATIONS***

**F.2.1. *Eligibility***

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

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

**F.2.2. *Cost of Tendering***

*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.*

**F.2.3. *Check Documents***

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

**F.2.4. *Confidentiality and Copyright of Documents***

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

**F.2.5. *Reference Documents***

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

**F.2.6. *Acknowledge Addenda***

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

**F.2.7. *Clarification Meeting***

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

**F.2.8. *Seek Clarification***

*Request clarification of the tender documents, if necessary, by notifying the Employer at least five working days before the closing time stated in the Tender Data.*

**F.2.9. Insurance**

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

**F.2.10. Pricing the Tender Offer**

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

**F.2.10.2.** *Show VAT payable by the Employer separately as an addition to the tendered total of the prices.*

**F.2.10.3.** *Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the Conditions of Contract identified in the Contract Data.*

**F.2.10.4.** *State the rates and prices in Rand unless instructed otherwise in the Tender Data. The Conditions of Contract identified in the Contract Data may provide for part payment in other currencies.*

**F.2.11. Alterations to Documents**

*Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the Employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.*

**F.2.12. Alternative Tender Offers**

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

**F.2.12.2.** *Accept that an alternative tender offer may be based only on the criteria stated in the Tender Data or criteria otherwise acceptable to the Employer.*

**F.2.13. Submitting a Tender Offer**

**F.2.13.1.** *Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the Contract Data and described in the Scope of Works, unless stated otherwise in the Tender Data.*

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

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

**F.2.13.4.** *Sign the original and all copies of the tender offer where required in terms of the Tender Data. NOTE THAT ONLY ORIGINAL SIGNATURES ARE VALID. The Employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the Employer shall hold liable for the purpose of the tender offer.*

**F.2.13.5.** *Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the Employer's address and identification details stated in the Tender Data, as well as the tenderer's name and contact address. Tenderers should take note if only the tender requires an original only or an original and a copy (two envelope system).*

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

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

- F.2.13.8.** *Accept that the Employer shall not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.*
- F.2.13.9.** *Accept that tender offers submitted by facsimile or e-mail will be rejected by the Employer, unless stated otherwise in the Tender Data.*
- F.2.14.** **Information and Data to be Completed in all Respects**  
*Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the Employer as non-responsive.*
- F.2.15.** **Closing Time**
- F.2.15.1.** *Ensure that the Employer receives the tender offer at the address specified in the Tender Data not later than the closing time stated in the Tender Data. Accept that proof of posting shall not be accepted as proof of delivery.*
- F.2.15.2.** *Accept that, if the Employer extends the closing time stated in the Tender Data for any reason, the requirements of these conditions of tender apply equally to the extended deadline.*
- F.2.16.** **Tender Offer Validity**
- F.2.16.1.** *Hold the tender offer(s) valid for acceptance by the Employer at any time during the validity period stated in the Tender Data after the closing time stated in the Tender Data.*
- F.2.16.2.** *If requested by the Employer, consider extending the validity period stated in the Tender Data for an agreed additional period, with or without any conditions attached to such extension.*
- F.2.16.3.** *Accept that a tender submission that has been submitted to the Employer may only be withdrawn or substituted by giving the Employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted.*
- F.2.16.4.** *Where a tender submission is to be substituted, submit a substitute tender in accordance with the requirements of F.2.13 with the packages clearly marked as "SUBSTITUTE".*
- F.2.17.** **Clarification of Tender Offer after Submission**  
*Provide clarification of a tender offer in response to a request to do so from the Employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.*
- Note: Sub-clause F.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.*
- F.2.18.** **Provide other Material**
- F.2.18.1.** *Provide, on request by the Employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarised joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the Employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the Employer's request, the Employer may regard the tender offer as non-responsive.*
- F.2.18.2.** *Dispose of samples of materials provided for evaluation by the Employer, where required.*
- F.2.19.** **Inspections, Tests and Analyses**  
*Provide access during working hours to premises for inspections, tests and analyses as provided for in the Tender Data.*
- F.2.20.** **Submit Securities, Bonds, Policies, etc.**  
*If requested, submit for the Employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the Contract Data.*
- F.2.21.** **Check Final Draft**  
*Check the final draft of the contract provided by the Employer within the time available for the Employer to issue the contract.*



**F.2.22. Return of Other Tender Documents**

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

**F.2.23. Certificates**

*Include in the tender submission or provide the Employer with any certificates as stated in the Tender Data.*

**F.3 THE EMPLOYER'S UNDERTAKINGS**

**F.3.1. Respond to Requests from the Tenderer**

**F.3.1.1.** *Unless otherwise stated in the Tender Data, respond to a request for clarification received up to five working days before the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.*

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

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

**F.3.2. Issue Addenda**

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

**F.3.3. Return Late Tender Offers**

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

**F.3.4. Opening of Tender Submissions**

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

**F.3.4.2.** *Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the Tender Data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, preferences claimed and time for completion for the main tender offer only.*

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

**F.3.4.1** *Add the following:*

*The time and location for opening of the tender offers is:*

*Time : [.....10h00.....]*

*Location : Midvaal Local Municipality Civic Centre, No. 25 Mitchell Street, Meyerton*

*Tenders will be opened immediately after the closing time for tenders.*

**F.3.5. Two-envelope system**

**F.3.4.4.** *Where stated in the Tender Data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the Tender Data and announce the name of each tenderer whose technical proposal is opened.*

- F.3.4.5.** *Evaluate the quality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the quality evaluation more than the minimum number of points for quality stated in the Tender Data, and announce the score obtained for the technical proposals and the total price and any preferences claimed. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for quality.*
- F.3.5.** **Non-disclosure**  
*Not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.*
- F.3.6.** **Grounds for Rejection and Disqualification**  
*Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.*
- F.3.7.** **Test for Responsiveness**
- F.3.7.1.** *Determine, after opening and before detailed evaluation, whether each tender offer properly received:*
- a) *complies with the requirements of these Conditions of Tender,*
  - b) *has been properly and fully completed and signed, and*
  - c) *is responsive to the other requirements of the tender documents.*
- F.3.7.2.** *A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:*
- a) *detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,*
  - b) *significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or*
  - c) *affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.*
- Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.*
- F.3.8.** **Arithmetical Errors, Omissions and Discrepancies**
- F.3.8.1.** *Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.*
- F.3.8.2.** *Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with F.3.100 for:*
- a) *the gross misplacement of the decimal point in any unit rate;*
  - b) *omissions made in completing the pricing schedule or bills of quantities; or*
  - c) *arithmetic errors in:*
    - i) *line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or*
    - ii) *the summation of the prices.*
- F.3.8.3.** *Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices.*
- F.3.8.4.** *Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:*
- a) *If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.*
  - b) *Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.*

**F.3.9. Clarification of a Tender Offer**

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

**F.3.10. Evaluation of Tender Offers**

**F.3.10.1. General**

Appoint an evaluation panel of not less than three persons. Reduce each responsive tender offer to a comparative offer and evaluate them using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the Tender Data.

**F.3.10.2. Method 1: Financial Offer and Preference**

In the case of a financial offer:

- a) Score each tender in respect of the financial offer made and preferences claimed, if any, in accordance with the provisions of F.3.10
- b) Calculate the total number of tender evaluation points ( $T_{EV}$ ) in accordance with the following formula:

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

where:

- $N_{FO}$  is the number of tender evaluation points awarded for the financial offer made
  - $N_P$  is the number of tender evaluation points awarded for preferences claimed
- c) Rank tender offers from the most favourable to the least favourable comparative offer.
  - d) Recommend the tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.
  - e) Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the highest ranked tenderer unless there are compelling and justifiable reasons not to do so and the process set out in the sub clause is repeated.

**F.3.10.3. Method 2: Functionality, Financial Offer and Preference**

In the case of functionality, financial offer and preference:

- f) Score each tender in respect of the financial offer made, preferences claimed, if any, and the quality offered in accordance with the provisions of 5 to 7, reflecting all tender offers that fail to score the minimum number of points for quality stated in the tender data, if any.
- g) Calculate the total number of tender evaluation points ( $T_{EV}$ ) in accordance with the following formula, unless otherwise stated in the tender data:

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

where:

- $N_{FO}$  is the number of tender evaluation points awarded for the financial offer made
  - $N_P$  is the number of tender evaluation points awarded for preferences claimed
  - $N_Q$  is the number of tender evaluation points awarded for quality offered
- h) Rank tender offers from the highest number of tender evaluation points to the lowest.
  - i) Recommend the tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.
  - j) Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this sub clause is repeated.

**F.3.10.4. Decimal Places**

Score financial offers, preferences and quality, as relevant, to two decimal places.

**F.3.10.5. Scoring Financial Offers**

Score the financial offers of remaining responsive tender offers using the following formula:

$$N_{FO} = W_1 \times A$$

where:

- $N_{FO}$  is the number of tender evaluation points awarded for the financial offer.
- $W_1$  is the maximum possible number of tender evaluation points awarded for the financial offer as stated in the Tender Data.



- *A is a number calculated using the formula and option described in Table F.1 as stated in the Tender Data.*

**Table F.1: Formulae for calculating the value of A**

Formula	Comparison aimed at achieving	Option 1 <sup>a</sup>	Option 2 <sup>a</sup>
1	Highest price or discount	$A = (1 + \frac{(P - P_m)}{P_m})$	$A = P/P_m$
2	Lowest price or percentage commission / fee	$A = (1 - \frac{(P - P_m)}{P_m})$	$A = P_m/P$
<sup>a</sup> <i>P<sub>m</sub> is the comparative offer of the most favourable comparative offer P is the comparative offer of the tender offer under consideration</i>			

**F.3.10.6. Scoring Preferences**

*Confirm that tenderers are eligible for the preferences claimed in accordance with the provisions of the Tender Data and reject all claims for preferences where tenderers are not eligible for such preferences.*

*Calculate the total number of tender evaluation points for preferences claimed in accordance with the provisions of the Tender Data.*

**F.3.10.7. Scoring Quality**

*Score each of the criteria and sub criteria for quality in accordance with the provisions of the Tender Data. Calculate the total number of tender evaluation points for quality using the following formula:*

$$NQ = W_2 \times S_o / M_s$$

*where:*

- *S<sub>o</sub> is the score for quality allocated to the submission under consideration;*
- *M<sub>s</sub> is the maximum possible score for quality in respect of a submission; and*
- *W<sub>2</sub> is the maximum possible number of tender evaluation points awarded for the quality as stated in the Tender Data*

**F.3.11. Insurance Provided by the Employer**

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

**F.3.12. Acceptance of Tender Offer**

*Accept the tender offer, if in the opinion of the Employer, it does not present any unacceptable commercial risk and only if the tenderer:*

- is not under restrictions, or has principals who are under restrictions, preventing participation in the Employer's procurement,*
- can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,*
- has the legal capacity to enter into the contract,*
- is not insolvent, in receivership, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,*
- complies with the legal requirements, if any, stated in the Tender Data, and*
- is able, in the opinion of the Employer, to perform the contract free of conflicts of interest.*

**F.3.13. Prepare Contract Documents**

**F.3.13.1.** *If necessary, revise documents that shall form part of the contract and that were issued by the Employer as part of the tender documents to take account of:*

- addenda issued during the tender period,*
- inclusion of some of the returnable documents, and*
- other revisions agreed between the Employer and the successful tenderer.*

**F.3.13.2.** *Complete the Schedule of Deviations attached to the Form of Offer and Acceptance, if any.*

**F.3.14. Complete Adjudicator's Contract**

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

**F.3.15. Notice to Unsuccessful Tenderers**

**F.3.15.1.** *Notify the successful tenderer of the Employer's acceptance of his tender offer by completing and returning one copy of the Form of Offer and Acceptance before the expiry of the validity period stated in the Tender Data, or agreed additional period.*

**F.3.16. Provide Copies of the Contracts**

*Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the Form of Offer and Acceptance.*

**F.3.17. Provide Written Reasons for Actions Taken**

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

**F.3.18. Respond to Requests from the Tenderer**

*Respond to a request for clarification received up to five working days before the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.*

**F.3.19. Delegation of authority**

*The employer may delegate any power vested in him by virtue of these Conditions of Tender to an officer or employee of the Employer.*

## T1.2.2 Variations to the Standard Conditions of Tender

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall take 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.

The following variations, amendments and additions to the Standard Conditions of Tender, as per the Construction Industry Development Board (CIDB) Notice 136 of 2015 in Government Gazette 38960 of 10 July 2015 (The Notice), shall apply to this tender. Accordingly, the Contractor Grading Designation, is referenced according to The Notice and in the tables below.

TABLE G1: CONTRACTOR GRADING DESIGNATIONS AND ASSOCIATED PARAMETERS

<b>Contractor Grading Designation</b>	<b>Tender Value Range designation</b>	<b>Maximum Value of Contract that a Contractor is considered capable of performing (R)</b>
1 (class of construction works)	1	500 000
2 (class of construction works)	2	1 000 000
3 (class of construction works)	3	3 000 000
4 (class of construction works)	4	6 000 000
5 (class of construction works)	5	10 000 000
6 (class of construction works)	6	20 000 000
7 (class of construction works)	7	60 000 000
8 (class of construction works)	8	200 000 000
9 (class of construction works)	9	No limit

## T1.2.3 Additional Conditions of Tender

The additional conditions of tender are:

### T1.2.3.1 Compliance with Occupational Health and Safety Act 1993

Tenderers are to note the requirements of the Occupational Health and Safety Act No. 85 of 1993 and the Construction Regulations 2003 issued in terms of Section 43 of the Act. The tenderer shall be deemed to have read and fully understood the requirements of the above Act and Regulations and to have allowed for all costs in compliance therewith.

In this regard the Tenderer shall submit with the tender, appended to Schedule B5, a detailed Health and Safety Plan in respect of the Works in order to demonstrate the necessary competencies and resources to perform the construction work all in accordance with the Act and Regulations. Such Health and Safety Plan shall cover *inter-alia* the following details:

- 1) Management Structure, Site Supervision and Responsible Persons including a succession plan.
- 2) Contractor's induction training programme for employees, sub-contractors and visitors to the Site.
- 3) Health and safety precautions and procedures to be adhered to in order to ensure compliance with the Act, Regulations and Safety Specifications.
- 4) Regular monitoring procedures to be performed.
- 5) Regular liaison, consultation and review meetings with all parties.
- 6) Site security, welfare facilities and first aid.
- 7) Site rules and fire and emergency procedures.

Tenderers are to note that the Contractor is required to ensure that all sub-contractors or others engaged in the performance of the contract also comply with the above requirements.

The Contractor shall prepare and maintain a Health and Safety File in respect of the project, which shall be available for inspection on Site at all times and handed over to the Employer on Final Completion of the project.

The Contractor is required to submit to the Employer the Occupational Health and Safety Agreement (included in C1.5 of the Contract Document) and a letter of good standing from the Compensation Commissioner, or a licensed compensation insurer, within 14 days after the Commencement Date of the contract.

#### **T1.2.3.2 Claims Arising after Submission of Tender**

No claim for any extras arising out of any doubt or obscurity as to the true intent and meaning of anything shown on the Contract Drawings or contained in the Conditions of Contract, Scope of Work and Pricing Data, will be admitted by the Employer/Employer's Agent after the submission of any tender and the Tenderer shall be deemed to have:

- 1) inspected the Contract Drawings and read and fully understood the Conditions of Contract.
- 2) read and fully understood the whole text of the Scope of Work and Pricing Data and thoroughly acquainted himself with the nature of the works proposed and generally of all matters which may influence the Contract.
- 3) visited the site of the proposed works, carefully examined existing conditions, the means of access to the site, the conditions under which the work is to be done, and acquainted himself with any limitations or restrictions that may be imposed by the Municipal or other Authorities in regard to access and transport of materials and plant to and from the site and made the necessary provisions for any additional costs involved thereby.
- 4) requested the Employer or his duly authorised agent to make clear the actual requirements of anything shown on the Contract Drawings or anything contained in the Scope of Work and Pricing Data, the exact meaning or interpretation of which is not clearly intelligible to the Tenderer.

Before submission of any tender, the Tenderer should check the number of pages, and if any are found to be missing or duplicated, or the figures or writing indistinct, or if the Pricing Data contain any obvious errors, the tenderer must apply to the Employer/Employer's Agent at once to have the same rectified, as no liability will be admitted by the Employer/Employer's Agent in respect of errors in any tender due to the foregoing.

#### **T1.2.3.3 Imbalance in Tendered Rates**

In the event of tendered rates or lump sums being declared by the Employer to be unacceptable to it because they are either excessively low or high or not in proper balance with other rates or lump sums, the Tenderer may be required to produce evidence and advance arguments in support of the tendered rates or lump sums objected to. If, after submission of such evidence and any further evidence requested, the Employer is still not satisfied with the tendered rates or lump sums objected to, it may request the tenderer to amend these rates and lump sums along the lines indicated by it.

The Tenderer will then have the option to alter and/or amend the rates and lump sums objected to and such other related amounts as are agreed on by the Employer, but this shall be done without altering the Contract Price.

Should the Tenderer fail to amend the Tender in a manner acceptable to the Employer, the Employer may reject the Tender.

#### **T1.2.3.4 Opening of Tenders**

The responsible official who opens the tenders, shall read out the tenderers name and price offered only.

#### **T1.2.3.5 Negotiations with Preferred Tenderers**

The Employer may negotiate the final terms of a contract with tenderers identified through a competitive tendering process as preferred tenderers provided that such negotiation:

- a) does not allow any preferred tenderer a second or unfair opportunity;
- b) is not to the detriment of any other tenderer; and
- c) does not lead to a higher price than the tender as submitted.

Minutes of any such negotiations shall be kept for record purposes.

#### **T1.2.3.6 General Supply Chain Management Conditions Applicable To Tenders**

The successful tenderer will be required to enter into a Performance Management Agreement with the Employer. To this end Tenderers must complete Schedule A15: Performance Management System.

Tenderers are also required to indemnify the Employer from and against the liabilities stated in Schedule A16: Midvaal Local Municipality Indemnity.

Tenderers are further required to prove that their municipal services, rates and taxes are not more than three months in arrears with the relevant municipality / landlord. Schedule A17: Municipal Services, Rates and Taxes Clearance Certificate for Supply Chain Management Purposes must be duly completed.

**T1.2.3.7 Combating Abuse of the Supply Chain Management Policy**

Tenderers are required to complete Schedule 0 : Compulsory Enterprise Questionnaire in full

**T1.2.3.8 UIF Payments**

The Tenderer shall submit to the Employer a letter from the Department of Labour indicating his/her good standing with regard to UIF payments upon being requested to do so.

**T1.2.3.9 Registration with Bargaining Council**

Tenderers must be registered with a relevant Bargaining Council (if such be in place) and provide the applicable Certificate of Compliance in terms of the relevant Government Gazette.

**T1.2.3.10 Price Variations**

This project is not subject to escalation/contract price adjustment provisions and is to be priced on the basis that this is a fixed price contract.

## **F.1 General**

### **F.1.1 Actions**

*Add the following:*

The Employer is **Error! Reference source not found..**

### **F.1.2 Tender Documents**

*Add the following:*

The following documents form part of this tender:

The tender documents issued by the Employer comprise:

**VOLUME 1:** The Tender Document (this document), in which is bound:

#### **The Tender**

##### **Part T1: Tendering Procedures**

T1.1 Tender Notice And Invitation To Tender

T1.1 Tender Data

##### **Part T2: Returnable Documents**

Schedule 0: T2.1 List Of Returnable Documents

**Error! Reference source not found. Error! Reference source not found.**

#### **The Contract**

##### **Part C1: Agreements and Contract Data**

C1.1 Form of Offer and Acceptance

C1.2 Contract Data

C1.3 Performance Guarantee

C1.4 Adjudication

C1.5 Occupational Health And Safety Agreement

##### **Part C2: Pricing Data**

C2.1 Pricing Instructions

C2.2 Bill Of Quantities

##### **Part C3: Scope Of Work**

C3.1 Description Of The Works

C3.2 Construction

C3.3 Management

C3.4 Annexes

Volume 1 is deemed the "Returnable Documents" which must be returned to the Employer in terms of submitting a tender offer.

*Add the following additional clause:*

#### **Tender and / or Document Deposit**

A non-refundable tender deposit of **[R630.70 including VAT]** payable by proof of deposit, cash or bank guaranteed cheque is required on collection of the Tender documents.

### **F.1.4 Communication and Employer's Agent**

*Add the following:*

Employers Agent to be advised per job issued.

Attention is 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.

## F.2 Tenderer's obligations

### F.2.1 Eligibility

*Add the following after F.2.1.2*

Only those tenderers who satisfy the following criteria are eligible to submit tenders:

#### A. Competencies of Management and Supervisory Staff

Only those tenderers who have in their employ, management and supervisory staff satisfying the requirements of the Scope of Work, are eligible to submit tenders.

#### B. Construction Industry Development Board (CIDB) Registration

Only tenderers who are registered with the CIDB, or are capable of being so registered prior to the evaluation of submissions, and have a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations, for construction work, are eligible to have their tenders evaluated.

#### C. Joint ventures are eligible to submit tenders provided that:

1. every member of the joint venture is registered with the CIDB;
2. the lead partner has a contractor grading designation in the **7GB/ 6GBPE OR HIGHER** class of construction work;
3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Board Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a **7GB/ 6GBPE OR HIGHER** class of construction work or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations; and

### F.2.7 Clarification Meeting

*Add the following:*

The arrangement for a compulsory clarification meeting is as stated in the Tender Notice and Invitation to Tender.

Tenderers must attend the Clarification meeting in order to qualify further. Tenderers should be represented at the clarification meeting by a person who is suitably qualified and experienced to comprehend the implications of the work involved.

### F.2.13 Submitting a Tender Offer

#### A. *Add the following at the end of F.2.13.3:*

Parts of each tender offer communicated on paper shall be submitted as an original with no copies.

#### B. *Add the following after the first sentence of F.2.13.4:*

The tender shall be signed by a person duly authorised to do so. Tenders submitted by joint ventures of two or more firms shall be accompanied by the document of formation of the joint venture, authenticated by a notary public or other official deputed to witness sworn statements, in which is defined precisely the conditions under which the joint venture will function, its period of duration, the persons authorised to represent and obligate it, the participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning.

#### C. *Add the following after the first sentence of F.2.13.5:*

The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are:

**Physical address** : Midvaal Local Municipality Civic Centre, No. 25 Mitchell Street, MEYERTON

**Identification details** : Tender number 8/2/2/445 7GB 6GB-PE OR 6CE-PE  
Contract No 8/2/2/445

Sealed tenders with the Tenderer's name and address and the endorsement "**TENDER NO 8/2/2/445 7GB/ 6GBPE OR HIGHER** for Contract No. 8/2/2/445. on the envelope, must be placed in the appropriate official tender box at the abovementioned address.

**F.2.15 Closing Time**

- F.2.15.1** *Add the following:*  
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.

**F.2.16 Tender Offer Validity**

- F.2.16.1** *Add the following:*  
The tender offer validity period is 90 days

**F.2.17 Clarification of Tender Offer after Submission**

*Add the following:*  
A tender may be rejected as non-responsive if the tenderer fails to provide any clarification requested by the Employer, or confirmation of registration with CIDB within the time for submission stated in the Employer's written request for such clarification or confirmation. A tender may be rejected if the unit rates or lump sums for some of the items in the bills/schedules of quantities are, in the opinion of the Employer, unreasonable or out of proportion, and the tenderer fails, within the time stated in writing by the Employer to justify any specific rates or lump sums (i.e. to provide a financial breakdown of how such rates or sums were obtained) or to adjust the unit rates or lump sums for such items while retaining the total of the prices unchanged.

**F.2.23 Certificates**

*Add the following:*  
The tenderer is required to submit the following certificates with the tender:

**Compulsory Returnable**

- Joint Venture Agreement (if the tenderer is a joint venture)
- Certificate of Authority of Joint Ventures/ Close corporations/ Partnership/ Company/ Sole proprietor (Certified Copies of the Identity Documents in the Case of sole proprietor)
- Registration Certificates of Entities – Close corporations/ partnership/ Company/ Sole Proprietor. In the case of a Joint Venture, a duly signed joint venture agreement must be attached
- CIDB Registration Certificate **7GB/ 6GBPE OR HIGHER** or higher
- Latest municipal rates and taxes account (not older than three months) which is not in arrears for more than three months for the company OR directors/trustees/members/shareholders. In the event of a tenant (renting) a copy of a valid signed lease agreement for the company AND directors/trustees/members/shareholders be attached.
- CSD Summary Report or CSD Number
- Signed Form of Offer
- Completed and signed MBD 5 if tender amount exceeds R10 000 000,00
- Sworn Affidavit or a certified copy of SANAS Accredited B-BBEE certificate –
- CK Documents



### F.3 **The Employer's Undertakings**

#### F.3.4 **Opening of Tender Submissions**

#### F.3.7 **Test for Responsiveness**

Add the following after F.3.7.2:

Tenders will be considered non-responsive if:

- the tenderer has not completed and/or signed the Offer portion of C1.1 Form of Offer and Acceptance;
- the tenderer does not comply with the Contractor's CIDB grading designation specified in F.2.1.1 above;
- The tenderer has failed to clarify or submit any supporting documentation within the time for submission stated in the Employer's written request; and
- The tenderer has failed to provide sufficient evidence of technical experience, capable staff for the project in terms of the quality component of the adjudication.

#### F.3.10 **Evaluation of Tender Offers**

##### F.3.10.1 **General**

Add the following:

The tenderer will be evaluated for Functionality. Tenderers who qualify for Functionality will be evaluated further for Price and Specific goals only. Points for functionality will not contribute to further evaluation.

The 90/10 evaluation criteria will be used where price will be allocated 90 points and Specific Goals will be scored out of 10 points.

##### F.3.10.5 **Scoring Financial Offers**

Add the following:

The financial offer will be scored using **Formula 2 (Method 2)** where the value of  $W_1$  is **90** points.

##### F.3.10.5 **Evaluation Criteria**

A pre-qualification criteria will be applicable as outlined below :

##### **Pre- qualification criteria :**

- **Tender must be registered with the NHBRC regulatory body, failure to comply, will result in the bidder not being evaluated further.**  
An attachment of a valid NHBRC regulatory body Certificate is required.

**NOTE :** Bidders will not be evaluated further if they have not met the pre-qualification criteria.

The tenderer will be evaluated for **Functionality** in line with the minimum requirements outlined below :

Evaluation will be as per the minimum requirements as listed below:

1. Company Experience
2. Key Personnel
3. Construction Plant and Equipment

**The evaluation for the Technical / Functionality Evaluation will be in accordance with the table below:**

#### **MINIMUM REQUIREMENTS**

The bidders should comply with the following minimum requirements, failure to do so will result in the bidder not being evaluated further for Specific Goals.

Criteria	Requirements
<b>Company Experience</b>	<p>Bidder is required to provide 3 (three) appointment letters with corresponding completion certificates confirming that the bidder has successfully completed 3 projects in building construction projects to a cumulative value of R 5 million or more.</p> <p><b>Note :</b>  <b>General Building Construction refers to the construction of structures build with Brick and mortar; and on site concrete construction. No-Precast structures will be accepted.</b></p>

	<b>NB: Bidders who do not meet the minimum requirements for company experience will not be evaluated further.</b>
	<b>Key Personnel</b>
<b>Contracts Manager</b>	<p>The minimum required Engineering qualification for a Contracts manager is a National Diploma in Building/ Civil Engineering (NQF 6) and 5 years' experience in building construction. This to be clearly outlined in the CV <b>and linked into projects</b> showing their duration adding up to the required experience.</p> <p><b>Attach curriculum Vitae and Qualification</b></p> <p><b>NB: Bidders who do not meet the minimum requirements for contracts manager will not be evaluated further.</b></p>
<b>General Foreman</b>	<p>The minimum required Qualification for a foreman is a <b>Trade test in Bricklaying and 4 years</b> experience in building construction. This to be clearly outlined in the CV and linked into projects showing their duration adding up to the required experience.</p> <p><b>Attach curriculum Vitae and the trade certificate.</b></p> <p><b>NB: Bidders who do not meet the minimum requirements for general foremen will not be evaluated further.</b></p>
<b>Safety Officer</b>	<p>The OHS is to have three (3) years or more experience in construction. This to be clearly outlined in the CV and linked into projects showing their duration adding up to the required experience. Furthermore, the OHS is to be registered with SACPCMP (South African Council for the Project and Construction Management Professions) (either as a PrCHSO or PrCHSA) certification and an NQF 5 in Occupational Health and Safety Management.</p> <p><b>Attach curriculum Vitae, the certificate of qualification and certificate of PR registration.</b></p> <p><b>NB: Bidders who do not meet the minimum requirements for Safety officer will not be evaluated further.</b></p>
<b>Construction Plant and Equipment</b>	Bidders are required to fill in and fully sign the certificate of undertaking for the plant

Only tenderes who fully achieve all the minimum requirements for the technical evaluation will be evaluated for the specific goals status and financial proposals.

**CERTIFICATE OF UNDERTAKING**

I, the undersigned, in submitting the accompanying bid:

**BID 8/2/2/445 CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS IN MIDVAAL LOCAL MUNICIPALITY ON AS AND WHEN BASIS FROM DATE OF AWARD FOR 36 MONTHS**

in response to the invitation for the bid made by:

Midvaal Local Municipality, do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of:

\_\_\_\_\_ that:

*(Name of Bidder)*

1. I will ensure that all plant and equipment required for the duration of the project as per the prescribed scope of work, will be made available by myself (the bidder) upon award of contract for the entire duration of the contract as and when required for the purpose of executing the works. In the event of not owning the plant and / or equipment I will lease the required plant and equipment for use on an as and when required basis.

2. It is my (the bidder) responsibility to ensure that all plant and equipment available will be in good working condition and will not be older than 15 years (2008).

The following plant is required but not limited to, as per the list below:

Item No	Plant and equipment
1	TLB
2	Tipper Truck
3	LDV (Bakkie)
4	Scaffolding
5	Handtools

3. All rates must include 15% VAT.

.....

Signature Date

.....

Position Name of Bidder

### F.3.12 Acceptance of Tender Offer

Tender offers will only be accepted if:

- a) The tenderer is registered on the Central Supplier Database (CSD) for the South African government (see <https://secure.csd.gov.za/>)
- b) The tenderer is in good standing with SARS according to the Central Supplier Database;
- c) The tenderer submits a letter of intent from an approved insurer undertaking to provide the Performance Bond to the format included in Part C1.3 of this procurement document
- d) The tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation;
- e) The tenderer or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;
- f) The tenderer has not:
  - i. abused the Employer's Supply Chain Management System; or
  - ii. failed to perform on any previous contract and has been given a written notice to this effect;
- g) The tenderer has completed the Compulsory Declaration and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process;
- h) The tenderer is registered and in good standing with the compensation fund or with a licensed compensation insurer;
- i) The employer is reasonably satisfied that the tenderer has in terms of the Construction Regulations, 2014, issued in terms of the Occupational Health and Safety Act, 1993, the necessary competencies and resources to carry out the work safely.

### Notification of Decision and Appeal Period

If the Supply Chain Management Tender Adjudication Committee has resolved that a tender be accepted, the successful tenderer shall be notified in writing of this decision.

Section 62 of the Local Government Municipal Systems Act 2000 (No. 32 of 2000) gives any person whose rights have been affected by such a decision, the right to appeal such decision within 21 days of notification of the decision.

Any tenderer wishing to exercise this right, must submit their appeal in writing to Midvaal Local Municipality: marked for the attention of Supply Chain to **tenders@midvaal.gov.za**. The format of the appeal must:

- set out the reasons for the appeal;
- state in which way the appellant's rights have been affected by the decision;
- state the remedy sought, and
- be accompanied by a copy of the notification advising the tenderer of the decision of the Supply Chain Management Tender Adjudication Committee.

Tenderers are hereby informed also of their right to request reasons for the decision in terms of the Promotion of Administrative Justice Act (No. 3 of 2000).

The notification of the decision sent to the successful tenderer is **not** acceptance of the tender and no rights shall accrue to the successful tenderer in terms of this notification. The successful tenderer will be notified in writing after 21 days of the notification of any final decision (i.e. Acceptance) or of any developments with respect to the appeal process, and if applicable, procedures for the commencement of the work.

The consideration of appeals and if necessary, the invalidation of any decision made, shall be dealt with in terms of the Midvaal LM's] appeals process.

### F.3.16 Provide Copies of the Contracts

The number of paper copies of the signed contract to be provided by the Employer is one (1).

## PART T2: RETURNABLE DOCUMENTS

---

SCHEDULE 0: T2.1 List Of Returnable Documents

**Error! Reference source not found.** **Error! Reference source not found.**

**Error! Reference source not found.**

## **CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS IN MIDVAAL LOCAL MUNICIPALITY ON AS AND WHEN BASIS FROM DATE OF AWARD FOR 36 MONTHS**

### **T2.1 LIST OF RETURNABLE DOCUMENTS**

The Tender Document must be submitted as a whole. All forms must be properly completed as required, and the document shall not be taken apart or altered in any way whatsoever

All the certificates and forms to be provided with the tender are listed in the Tender Data under F2.23: Certificates, and under the returnable schedules and forms in T2.2 hereafter.

The list of returnable documents comprises the following:

1. All the certificates listed in the Tender Data under F2.23: Certificates;
2. All the returnable schedules and forms listed in T2.2.1: Returnable Schedules Required for Tender Evaluation Purposes;
3. All the returnable documents listed in T2.2.2: Preferential Procurement Schedules and Affidavits that will be incorporated into the Contract;
4. All the agreements and forms listed in T2.2.3: Forms to be completed by Successful Tenderer;
5. All the forms and agreements in the Contract Data in C1.2, where some of the forms (agreements) need to be completed only by successful Tenderer;
6. Pricing Data in C2.2: Bill of Quantities.

### **EVALUATION OF BIDS**

The Bids will be evaluated for:

- Stage 1: Responsiveness/Returnable schedule
- Stage 2: Functionality
- Stage 3: Risk Analysis
- Stage 4: Financial Offer and Preference

### **T2.2 STAGE 1 (RETURNABLE SCHEDULES)**

- (i) Proof of attendance of bid briefing and visit to site (if applicable);
- (ii) Certificate of authority for signatory;
- (iii) Copies of company registration certificates;
- (iv) Joint venture agreement and power of attorney, if applicable;
- (v) Valid tax clearance certificate and valid tax compliance status pin No;
- (vi) Proof of CIDB Grading compliant (Grade : 7GB/ 6GBPE OR HIGHER or higher);
- (vii) Proof of CSD registration
- (viii) Copy of proof of payment for Municipal account and Lease agreement;
- (ix) Document completed in full, rates in BOQ are filled in ink and corrections are counter signed;
- (x) Recent 3 years Audited financial statements
- (xi) Form of offer and acceptance fully completed and signed.
- (xii) BBBEE Certificate
- (xiii) Proof of a valid NHBRC registration

NOTE: The Tenderer is required to complete each and every schedule and form listed above to the best of their ability, as the evaluation of tenders and the eventual contract will be based on the information provided by the Tenderer. Failure of a Tenderer to complete the schedules and forms to the satisfaction of the Employer will inevitably prejudice the tender and may lead to rejection on the grounds that the tender is not responsive

## AUTHORITY TO SIGN DOCUMENTS

I/We\*, the undersigned, am/are\* duly authorised to sign the form of tender on behalf of

.....

by virtue of the Articles of Association/Resolution of the Board of Directors\*, of which a certified copy is attached, or

.....

.....

\*Delete whichever is inapplicable

1.

NAME

SIGNATURE

DATE

2.

NAME

SIGNATURE

DATE

### WITNESSES:

1.

NAME

SIGNATURE

DATE

2.

NAME

SIGNATURE

DATE

**LETTER OF GOOD STANDING WITH WORKMEN'S COMPENSATION  
COMMISSIONER**



## CLARIFICATION MEETING CERTIFICATE

This is to certify that I/We\* .....

of (tenderer) .....

.....

of (address) .....

.....

.....

Telephone number .....

Fax number .....

Email .....

on (date) .....

have examined the Site of the Works and its surroundings for which I/we\* am/are\* submitting this Tender and have, so far as is practicable, familiarised myself/ourselves\* with all information, risks, contingencies and other circumstances which may influence or affect my/our\* tender.

\*Delete whichever is inapplicable

### SIGNED BY/ON BEHALF OF TENDERER:

NAME

SIGNATURE

DATE

Error! Reference source not found.

## CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This Returnable Schedule is to be completed only if Tenderer is a joint venture.

We, the undersigned, are submitting this tender offer in joint venture and hereby authorise

Mr/Ms....., authorised signatory of the company, close corporation or partnership..... acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.

NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
Lead partner		Signature :..... Name :..... Designation :.....
		Signature :..... Name :..... Designation :.....
		Signature :..... Name :..... Designation :.....
		Signature :..... Name :..... Designation :.....

**Note:**

A copy of the Joint Venture Agreement showing clearly the percentage contribution of each partner to the Joint Venture shall be appended to this Schedule.

## SCHEDULE OF WORK EXPERIENCE OF TENDERER

Tenderers shall insert in the Schedule hereunderwith details of work successfully carried out by them in the General Building construction field of experience Failure to complete this Schedule will be taken to indicate that the Tenderer has no experience in this class of work.

COMPLETED CONTRACTS				
Employer (Name, Tel, Fax, Email)	Consulting Engineer (Name, Tel, Fax, Email)	Nature Of Work	Value of Work R(M)	Date Completed
Name:				
Tel :				
Fax :				
Email :				
Name:				
Tel :				
Fax :				
Email :				
Name:				
Tel :				
Fax :				
Email :				
Name:				
Tel :				
Fax :				
Email :				
Name:				
Tel :				
Fax :				
Email :				

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

CURRENT CONTRACTS				
Employer (Name, Tel, Fax, Email)	Consulting Engineer (Name, Tel, Fax, Email)	Nature Of Work	Value of Work R(M)	Anticipated Completion Date
Name:				
Tel :				
Fax :				
Email :				
Name:				
Tel :				
Fax :				
Email :				
Name:				
Tel :				
Fax :				
Email :				
Name:				
Tel :				
Fax :				
Email :				
Name:				
Tel :				
Fax :				
Email :				
Name:				
Tel :				
Fax :				
Email :				

If there is insufficient space above, the tenderer may append additional sheets.

Number of additional sheets appended by the tenderer to this Schedule .....(If nil, enter NIL)

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

## CURRENT AND RECENT PROJECTS GENERAL BUILDING CONSTRUCTION

Tenderers must furnish hereunder details of General Building works/service, which they have satisfactorily completed in the past. The information shall include a description of the Works, the Contract value and name of the client.

CURRENT PROJECTS			
PROJECT NAME	AWARDED AMOUNT	CONTRACT START DATE	ANTICIPATED / ACTUAL COMPLETION DATE
TOTAL AMOUNT OF PROJECTS CURRENTLY UNDERTAKEN FOR			R

Error! Reference source not found.

SIGNED BY/ON BEHALF OF TENDERER:

NAME

SIGNATURE

DATE

## SCHEDULE OF CONSTRUCTION PLANT

Tenderers shall state below what construction plant will be available for this Contract. The tenderer shall differentiate, if applicable, between construction plant immediately available and construction plant which will become available by virtue of outstanding orders, and indicate what further construction plant will be acquired or hired for the work should the tenderer be awarded the Contract.

[illegible]

[illegible]

**If there is insufficient space above, the tenderer may append additional sheets.**

Number of additional sheets appended by the tenderer to this Schedule .....(If nil, enter NIL)

**SIGNED BY/ON BEHALF OF TENDERER:**

--

NAME \_\_\_\_\_

--

**SIGNATURE**

--

DATE \_\_\_\_\_

## SCHEDULE OF ESTIMATED MONTHLY EXPENDITURE

The tenderer shall state his estimated expenditure indicating the values of each monthly claim which he/she estimates will arise based on his/her preliminary programme and tendered rates, in the table below. ***The total of the monthly amounts shall be equal to the tender sum.***

MONTH	VALUE
1	R
2	R
3	R
4	R
5	R
6	R
7	R
8	R
9	R
10	R
11	R
12	R
SUBTOTAL	R
VAT (15%)	R
<b>TOTAL (INCLUDING VAT @ 15%)</b>	<b>R</b>

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**



## SCHEDULE OF LOCAL SUBCONTRACTORS

We notify you that it is our intention to employ the following Subcontractors for work in this contract.

LOCAL SUBCONTRACTORS						
Category/type	Subcontractor Name/Address/Contact Person/Phone/Fax/Details of Organisation/Firm/Experience	(a) EME/QSE Ownership (%)	CIDB Contractor Grading	Items of work (pay items) to be undertaken by the Subcontractor	(b) Estimated Cost of Work (Rand)	(c) = (a) x (b) Contribution to EME/QSE Ownership (Rand)
A) SUBTOTAL FOR LOCAL SUB-CONTRACTORS (Excluding VAT)					R	
B) TOTAL CONTRACT VALUE (Excluding VAT)					R	
PERCENTAGE OF CONTRACT VALUE FOR LOCAL SUB-CONTRACTORS (A x B / 100)					%	
C) SUBTOTAL FOR CONTRIBUTION TO EME/QSE OWNERSHIP (Excluding VAT)					R	
D) TOTAL CONTRACT VALUE (Excluding VAT)					R	
PERCENTAGE OF CONTRACT VALUE FOR EME/QSE CONTRIBUTION (C x D / 100)					%	

If there is insufficient space above, the tenderer may append additional sheets.

Number of additional sheets appended by the tenderer to this Schedule .....(If nil, enter NIL)

Acceptance of this tender shall not be construed as approval of all or any of the listed subcontractors. Should any of the subcontractors not be approved subsequent to acceptance of the tender, this shall in no way invalidate this tender, and the tendered unit rates for the various items of work shall remain final and binding, even in the event of a subcontractor not listed above being approved by the Engineer.

Tenderers must ensure that the amount of sub-contractor work correlates with the percentage provided in Schedule A31 PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017 (PURCHASES) (MBD 6.1) and will be subject to the conditions contained therein.

SIGNED BY/ON BEHALF OF TENDERER:

NAME

SIGNATURE

DATE

## DETAILS OF EXPERIENCE OF CONTRACT MANAGER, GENERAL FOREMAN AND SAFETY OFFICER

Tenderers shall set out in the Schedule hereunder details of the experience of the Contract Manager, General Foreman and Safety officer who have work experience in general building as outlined in the evaluation criteria.

**Note that all personnel stated at tender stage can only be replaced on site with someone of equivalent or greater experience after approval from the Employer.**

Failure to complete this Schedule may result in the Tender not being considered.

CONTRACT MANAGER				
NAME			NQF LEVEL	
Contract and Client	Nature Of Work	Position Held	Value Of Work	Year Completed

GENERAL FOREMAN				
NAME			NQF LEVEL	
Contract and Client	Nature Of Work	Position Held	Value Of Work	Year Completed

SAFETY OFFICER				
NAME			NQF LEVEL	
Contract and Client	Nature Of Work	Position Held	Value Of Work	Year Completed

If there is insufficient space above, the tenderer may append additional sheets.

Number of additional sheets appended by the tenderer to this Schedule .....(If nil, enter NIL)

**SIGNED BY/ON BEHALF OF TENDERER:**

NAME

SIGNATURE

DATE

## COMPULSORY ENTERPRISE QUESTIONNAIRE

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

**Section 1: Name of enterprise** .....

**Address of enterprise** .....

**Section 2: VAT registration number, if any** .....

**Section 3: CIDB registration number, if any** .....

### Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

\* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

### Section 5: Particulars of companies and close corporations

Company registration number .....

Close corporation number .....

Tax reference number .....

### Section 6: Record of service of the state

Indicate by marking the relevant boxes with a **X**, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation participating in this tender is currently or has within the last 12 months, been in the service of any of the following:

- ☐ a member of any municipal council
- ☐ a member of any provincial legislature
- ☐ a member of the National Assembly or the National Council of Province
- ☐ a member of the board of directors of any municipal entity
- ☐ an official of any municipality or municipal entity
- ☐ an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)
- ☐ a member of an accounting authority of any national or provincial public entity
- ☐ an employee of Parliament or a provincial legislature

If any of the above boxes are marked, disclose the following:

Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		current	Within last 12 months

\*insert separate page if necessary

### Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has, within the last 12 months, been in the service of any of the following:

- ☐ a member of any municipal council
- ☐ a member of any provincial legislature
- ☐ a member of the National Assembly or the National Council of Province
- ☐ a member of the board of directors of any municipal entity
- ☐ an official of any municipality or municipal entity
- ☐ an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)
- ☐ a member of an accounting authority of any national or provincial public entity
- ☐ an employee of Parliament or a provincial legislature

If any of the above boxes are marked, disclose the following:

Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		current	Within last 12 months

\*insert separate page if necessary

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

- authorises the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- confirms that neither the name of the enterprise nor the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise, has within the last five years been convicted of fraud or corruption;
- confirms that I/we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest;
- confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

**SIGNED:**



**ENTERPRISE NAME**



**DATE**



**NAME**



**POSITION**



**SIGNATURE**

## ALTERATIONS / AMENDMENTS BY TENDERER

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

The Tenderer's attention is drawn to Clause F.3.7 on page 15 of the Standard Conditions of Tender, referenced on page 25 in the Tender Data, regarding the Employer's handling of material deviations and qualifications.

If no deviations or modifications are desired, the Schedule hereunder is to be marked NIL and signed by the Tenderer.

No alternative Tender will be considered unless a Tender free of qualifications and strictly on the basis of the Tender Documents is also submitted.

PAGE/ITEM	CLAUSE/DESCRIPTION

If there is insufficient space above, the tenderer may append additional sheets.

Number of additional sheets appended by the tenderer to this Schedule .....(If nil, enter NIL)

**SIGNED BY/ON BEHALF OF TENDERER:**

NAME

SIGNATURE

DATE

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

If there is insufficient space above, the tenderer may append additional sheets.

Number of additional sheets appended by the tenderer to this Schedule .....(If nil, enter NIL)

**SIGNED BY/ON BEHALF OF TENDERER:**

--

**NAME**

--

**SIGNATURE**

--

**DATE**

## SIZE OF ENTERPRISE AND CURRENT WORKLOAD

What was your turnover in the previous financial year? R .....

What is the estimated turnover for your current financial year? R .....

Physical facilities:

Provide information on offices, factories, yards and warehouses occupied by your enterprise (attach details if the space provided is not enough)

Description	Address	Area (m²)

List your current contracts and obligations:

Description	Value (R)	Start date	Duration	Expected completed date

Do you have the capacity to supply the goods and services described in this tender, should the contract be awarded to you?

Yes

☐

No

☐

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**



## STAFFING PROFILE

Provide information on the staff that you have available to execute this contract (attach a separate list if the space provided is insufficient)

Own staff: gender and race	Number of staff

Staff to be employed for the project: gender and race	Number of staff

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

## FINANCIAL ABILITY TO EXECUTE THE PROJECT

Provide details on the surety you will provide if the tender is awarded to you

AMOUNT

Which of the following institutions will provide surety?

- Bank registered in terms of the Bank Act 1990 (Act 94 of 1990): .....
- Insurance Company registered in terms of the Short Term Insurance Act 1998 (Act 53 of 1998): .....
- Cash: .....

**Provide the estimated cash flow on the project in terms of submissions of payment certificates or payment schedules to the Employer**

Month no	Amount (VAT included)			
	a Received	b Payments made	a – b Net cash flow	Cumulative cash flow
1			d	j=d
2			e	j+e=k
3			f	k+f=l
4			g	l+g=m
5			h	m+h=n
6			Etc.	Etc.
7				
8				
9				
10				
11				
12				
Maximum negative cash flow: Take the largest negative number in the last column and write it in here → → → → → → →				

### Notes:

- Value added tax to be included in all amounts
- Assume payment of certificates within 30 days of approval of certificate

From what sources will you fund the above amount (e.g. Funds internally available, bank overdraft, loan, etc)

**SIGNED BY/ON BEHALF OF TENDERER:**

NAME

SIGNATURE

DATE

## JOINT VENTURE DISCLOSURE FORM

### GENERAL

- i) All the information requested must be filled in the spaces provided. If additional space is required, additional sheets may be used and attached to the original documents.
- ii) A copy of the joint venture agreement must be attached to this form, in order to demonstrate the Affirmable, Joint Venture Partner's share in the ownership, control, management responsibilities, risks and profits of the joint venture, the proposed joint venture agreement must include specific details relating to:
  - a. the contributions of capital and equipment
  - b. work items to be performed by the Affirmable Joint Venture Partner's own forces
  - c. work items to be performed under the supervision of the Affirmable Joint Venture Partner.
- iii) Copies of all written agreements between partners concerning the contract must be attached to this form including those, which relate to ownership options and to restrictions/limits regarding ownership and control.
- iv) ABE partners must complete ABE Declaration Affidavits.
- v) The joint venture must be formalised. All pages of the joint venture agreement must be signed by all the parties concerned. A letter/ notice of intention to formalise a joint venture once the contract has been awarded will not be considered.
- vi) Should any of the above not be complied with, the joint venture will be deemed null and void and will be considered non-responsive.

### 1. JOINT VENTURE PARTICULARS

- a) Name.....
- b) Postal address.....  
.....  
.....
- c) Physical address .....  
.....  
.....
- d) Telephone.....
- e) Fax

### 2. IDENTITY OF EACH NON-AFFIRMABLE JOINT VENTURE PARTNER

- 2.1(a)** Name of Firm .....
- Postal Address.....
- Physical Address .....
- Telephone .....
- Fax.....

Contact person for matters pertaining to Joint Venture Participation Goal requirements:

.....

- 2.2(a)** Name of Firm .....
- Postal Address.....

Physical Address .....

Telephone .....

Fax.....

Contact person for matters pertaining to Joint Venture Participation Goal requirements:

.....

*(Continue as required for further non-Affirmable Joint Venture Partners)*

**3. IDENTITY OF EACH AFFIRMABLE JOINT VENTURE PARTNER**

**3.1(a)** Name of Firm .....

Postal Address.....

Physical Address .....

Telephone .....

Fax.....

Contact person for matters pertaining to Joint Venture Participation Goal requirements:

.....

**3.2(a)** Name of Firm .....

Postal Address.....

Physical Address .....

Telephone .....

Fax.....

Contact person for matters pertaining to Joint Venture Participation Goal requirements:

.....

**3.3(a)** Name of Firm .....

Postal Address.....

Physical Address .....

Telephone .....

Fax.....

Contact person for matters pertaining to Joint Venture Participation Goal requirements:

.....

4. **BRIEF DESCRIPTION OF THE ROLES OF THE AFFIRMABLE JOINT VENTURE PARTNERS IN THE JOINT VENTURE**

.....

.....

.....

5. **OWNERSHIP OF THE JOINT VENTURE**

a) Affirmable Joint Venture Partner ownership percentage(s) ..... %

b) Non-Affirmable Joint Venture Partner ownership percentage(s) ..... %

c) Affirmable Joint Venture Partner percentages in respect of : \*

i) Profit and loss sharing .....

ii) Initial capital contribution in Rands .....

(\*Brief descriptions and further particulars should be provided to clarify percentages).

iii) Anticipated on-going capital contributions in Rands .....

iv) Contributions of equipment (specify types, quality, and quantities of equipment) to be provided by each partner.

.....

.....

.....

6. **RECENT CONTRACTS EXECUTED BY PARTNERS IN THEIR OWN RIGHT AS PRIME CONTRACTORS OR AS PARTNERS IN OTHER JOINT VENTURES**

	NON-AFFIRMABLE JOINT VENTURE PARTNERS	PARTNER NAME
a)		
b)		
c)		
d)		
e)		

	AFFIRMABLE JOINT VENTURE PARTNERS	PARTNER NAME
a)		
b)		
c)		
d)		
e)		

**7. CONTROL AND PARTICIPATION IN THE JOINT VENTURE**

(Identify by name and firm those individuals who are, or will be, responsible for, and have authority to engage in the relevant management functions and policy and decision making, indicating any limitations in their authority e.g. co-signature requirements and Rand limits).

- a) Joint Venture cheque signing

.....

.....

.....

- b) Authority to enter into contracts on behalf of the Joint Venture

.....

.....

.....

- c) Signing, co-signing and/or collateralising of loans

.....

.....

.....

- d) Acquisition of lines of credit

.....

.....

.....

- e) Acquisition of performance bonds

.....

.....

.....

- f) Negotiating and signing labour agreements

.....

.....

.....

**8. MANAGEMENT OF CONTRACT PERFORMANCE**

(Fill in the name and firm of the responsible person).

- a) Supervision of field operations

.....

- b) Major purchasing

.....

- c) Estimating

.....

- d) Technical management

.....

**9. MANAGEMENT AND CONTROL OF JOINT VENTURE**

- a) Identify the “managing partner”, if any,

.....

.....

.....

.....

- b) What authority does each partner have to commit or obligate the other to financial institutions, insurance companies, suppliers, subcontractors and/or other parties participating in the execution of the contemplated works?

.....

.....

.....

.....

- c) Describe the management structure for the Joint Venture’s work under the contract

MANAGEMENT FUNCTION / DESIGNATION	NAME	PARTNER*

(Fill in “ex Affirmable Joint Venture Partner” or “ex non-Affirmable Joint Venture Partner”.

**10. PERSONNEL**

- a) State the approximate number of operative personnel (by trade/function/discipline) needed to perform the Joint Venture work under the Contract.

TRADE/FUNCTION/ DISCIPLINE	NUMBER EX AFFIRMABLE JOINT VENTURE PARTNERS	NUMBER EX NON- AFFIRMABLE JOINT VENTURE PARTNERS

(Fill in "ex Affirmable Joint Venture Partner" or "ex non-Affirmable Joint Venture Partner").

- b) Number of operative personnel to be employed on the Contract who are currently in the employ of partners.

- (i) Number currently employed by Affirmable Joint Venture Partners

.....

- (ii) Number currently employed by the Joint Venture

.....

- c) Number of operative personnel who are not currently in the employ of the respective partner and will be engaged on the project by the Joint Venture

.....

- d) Name of individual(s) who will be responsible for hiring Joint Venture employees

.....

.....

- e) Name of partner who will be responsible for the preparation of Joint Venture payrolls

.....

.....

**11. CONTROL AND STRUCTURE OF THE JOINT VENTURE**

Briefly describe the manner in which the Joint Venture is structured and controlled.

.....

.....

.....

.....



The undersigned warrants that he/she is duly authorised to sign this Joint Venture Disclosure Form and affirms that the foregoing statements are true and correct and include all material information necessary to identify and explain the terms and operations of the Joint Venture and the intended participation of each partner in the undertaking.

The undersigned further covenants and agrees to provide the Employer with complete and accurate information regarding actual Joint Venture work and the payment therefore, and any proposed changes in any provisions of the Joint Venture agreement, and to permit the audit and examination of the books, records and files of the Joint Venture, or those of each partner relevant to the Joint Venture, by duly authorised representatives of the Employer.

Signature .....

Duly authorised to sign on behalf of.....

Name .....

Address .....

Telephone.....

Date .....

---

Signature .....

Duly authorised to sign on behalf of.....

Name .....

Address .....

Telephone.....

Date .....

---

Signature .....

Duly authorised to sign on behalf of.....

Name .....

Address .....

Telephone.....

Date .....

Signature .....

Duly authorised to sign on behalf of.....

Name .....

Address .....

Telephone.....

Date .....

---

(Continue as necessary)

**DETAILS OF ALTERNATIVE TENDERS SUBMITTED**

DESCRIPTION

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

**AMENDMENTS AND QUALIFICATIONS BY TENDERER**

PAGE	DESCRIPTION

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

## DECLARATION OF INTEREST (MBD 4)

1. No bid will be accepted from persons in the services of the state
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder of their authorised representative declare their position in relation to the evaluating/adjudicating authority.
3. A person who is an advisor or consultant contracted with the municipality
4. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.
  - 4.1. Full Name of Tenderer or his or her representative: .....
  - 4.2. Identity Number: .....
  - 4.3. Position occupied in the Company (director, trustee, shareholder<sup>2</sup>, member): .....
  - 4.4. Registration number of company, enterprise, close corporation, partnership agreement or trust: ...  
.....
  - 4.5. Tax Reference Number: .....
  - 4.6. VAT Registration Number: .....
  - 4.7. The names of all directors / trustees / shareholders members, their individual identity Numbers and state employee numbers must be indicated in paragraph 4 below
  - 4.8. Are you presently in the service of the state? **YES / NO**  
If so, furnish particulars  
\_\_\_\_\_  
\_\_\_\_\_
  - 4.9. Have you been in the service of the state for the past twelve months? **YES / NO**  
If so, furnish particulars  
\_\_\_\_\_  
\_\_\_\_\_
  - 4.10. Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**  
If so, furnish particulars  
\_\_\_\_\_  
\_\_\_\_\_
  - 4.11. Are you, aware of any relationship (family, friend, other) between any other bidder and any person in the service of the state who may be involved with the evaluation and or Adjudication of this bid? **YES / NO**  
If so, furnish particulars  
\_\_\_\_\_  
\_\_\_\_\_

- 4.12 Are any of the company's directors, trustees, managers, principle shareholders of Stakeholders in Service of the state? **YES / NO**  
If so, furnish particulars  
\_\_\_\_\_  
\_\_\_\_\_
- 4.13 Are any spouse, child or parent of the company's directors, trustees, managers, principle shareholders Or stakeholders in service of the state? **YES / NO**  
If so, furnish particulars  
\_\_\_\_\_  
\_\_\_\_\_
- 4.14 Do you or any of the directors, trustees, managers, principal shareholders, or stakeholders of this Company have any interest in any other related companies f business whether or not they are bidding For this contract **YES / NO**  
If so, furnish particulars  
\_\_\_\_\_  
\_\_\_\_\_

#### 5. Full details of directors / trustees / members / shareholders

Full Name	Identity Number	Personal Income Tax Reference Number	State Employee Number

Please note that The Federal Executive of the DA resolved as follows:

*"that no office-bearer or member of the professional staff for the Party, or any company, partnership, close corporation or similar juristic entity in which such office-bearer or member of the professional staff has and interest, may tender for or contract to provide any goods or services to any DA controlled government.*

*For the purposes of this resolution:*

*"office-bearer" means any public representative or member of the Federal Executive, a provincial executive, a provincial management committee, a regional executive or a constituency executive:*

*"an interest" means that the office bearer or member of the professional staff has a 5% of more stake; and*

*"member of the professional staff" means any person who has an employment contract with the Party, and includes any person who is employed by the Party but who is paid by and organ of state, but does not include any person paid a gratuity of honorarium for services rendered to the Party"*

6.

- 6.1 Are you or your company an office-bearer by means of any public representative or member of the Federal Executive, a provincial executive, a provincial management committee, a regional executive or a constituency executive? **YES / NO**

If so, furnish particulars.

---



---

- 6.2 Do you or your company have an interest by means that the office bearer or member of the professional staff has a 5% of more stakes? **YES / NO**

If so, furnish particulars.

---



---

- 6.3 Are you or your company a member of the professional staff by means any person who has an employment contract with the Party, and includes any person who is employed by the Party but who is paid by an organ of state, but does not include any person paid a gratuity or honorarium for services rendered to the Party? **YES / NO**

If so, furnish particulars.

---



---

- 1 MSCM Regulations: "in the service of the state" means to be-

(a) A member of –

- Any municipal council;
- Any provincial legislature, or;
- The national Assembly or the national Council of provinces;

(b) A member of the board of directors of any municipality entity

(c) An official of any municipality or municipal entity

(d) An employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the public Finance Management Act, 1999 (Act No 1 of 1999)

(e) A member of the accounting authority of any national or provincial public entity; or

(f) An employee of Parliament or a provincial legislature

### CERTIFICATION

I, THE UNDERSIGNED (NAME) .....

CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE TENDER OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

**POSITION**

**SIGNATURE**

**DATE**

Error! Reference source not found.

## DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES (MBD 8)

- 1 This Municipal Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
  - a. abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
  - b. been convicted for fraud or corruption during the past five years;
  - c. willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
  - d. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 4 **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?  (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).  <b>The Database of Restricted Suppliers now resides on the National Treasury's website(<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) and can be accessed by clicking on its link at the bottom of the home page.</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? <b>The Register for Tender Defaulters can be accessed on the National Treasury's website (<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) by clicking on its link at the bottom of the home page.</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2.1	If so, furnish particulars:		



4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.3.1	If so, furnish particulars:		
<b>Item</b>	<b>Question</b>	<b>Yes</b>	<b>No</b>
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.7.1	If so, furnish particulars:		

**CERTIFICATION**

I, THE UNDERSIGNED (FULL NAME) .....

CERTIFY THAT THE INFORMATION FURNISHED ON THIS  
DECLARATION FORM TRUE AND CORRECT.

I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME  
SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....

Signature  
Date

.....

.....

Position

.....

**DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (VAT INCLUDED) MBD 5**

**For all procurement expected to exceed R10 million (VAT included), bidders must complete the following questionnaire:**

1. Are you by law required to prepare annual financial statements for auditing?

**YES / NO**

If yes, submit audited annual financial statements for the past three years or since the date of establishment if established during the past three years.

2. Do you have any outstanding undisputed commitments for municipal services towards a municipality or any other service provider in respect of which payment is overdue for more than 30 days?

**YES / NO**

If no, this serves to certify that the bidder has no undisputed commitments for municipal services towards a municipality or other service provider in respect of which payment is overdue for more than 30 days.

If yes, furnish particulars.

---

---

3. Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract?

**YES / NO**

If yes, furnish particulars.

---

---

4. Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality / municipal entity is expected to be transferred out of the Republic?

**YES / NO**

If yes, furnish particulars.

---

---

**CERTIFICATION**

I, THE UNDERSIGNED (NAME) \_\_\_\_\_  
CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS CORRECT.

I ACCEPT THAT THE STATE MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
POSITION      NAME OF BIDDER  
BIDDER

\_\_\_\_\_  
NAME      OF

**CERTIFICATE OF INDEPENDENT TENDER DETERMINATION** **(MBD 9)**  
**CERTIFICATE OF INDEPENDENT BID DETERMINATION**

- 1 This Municipal Bidding Document (MBD) must form part of all bids<sup>1</sup> invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>2</sup> Collusive bidding is a pe se prohibition meaning that it cannot be justified under any grounds.
- 3 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
  - a. take all reasonable steps to prevent such abuse;
  - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
  - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

<sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.

<sup>2</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

## MBD 9

**CERTIFICATE OF INDEPENDENT BID DETERMINATION**

I, the undersigned, in submitting the accompanying bid:

---

(Bid Number and Description)

in response to the invitation for the bid made by:

---

(Name of Municipality / Municipal Entity)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: \_\_\_\_\_ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) has been requested to submit a bid in response to this bid invitation;
  - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium<sup>3</sup> will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:

1. prices;
  2. geographical area where product or service will be rendered (market allocation)
  - (c) methods, factors or formulas used to calculate prices;
  - (d) the intention or decision to submit or not to submit, a bid;
  - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
  9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

<sup>3</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

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

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of Bidder

## FORM CONCERNING FULFILMENT OF THE CONSTRUCTION REGULATIONS 2003

In terms of regulation 4(3) of the Construction Regulations, 2003 (hereinafter referred to as the Regulations), promulgated on 18 July 2003 in terms of Section 43 of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) the Employer shall not appoint a contractor to perform construction work unless the Contractor can satisfy the Employer that his/her firm has the necessary competencies and resources to carry out the work safely and has allowed adequately in his/her tender for the due fulfilment of all the applicable requirements of the Act and the Regulations.

1. I confirm that I am fully conversant with the Regulations and that my company has (or will acquire/procure) the necessary competencies and resources to timeously, safely and successfully comply with all of the requirements of the Regulations. (Tick)

YES	
NO	

2. Proposed approach to achieve compliance with the Regulations (Tick)

Own resources, competent in terms of the Regulations (refer to 3 below)	
Own resources, still to be hired and/or trained (until competency is achieved)	
Specialist subcontract resources (competent) - specify: ..... ..... ..... ..... ..... .....	

3. Provide details of proposed key persons, competent in terms of the Regulations, who will form part of the Contract team as specified in the Regulations (CVs to be attached):

.....  
.....  
.....

4. Provide details of proposed training (if any) that will be undergone:

.....  
.....  
.....  
.....

5. Potential key risks identified and measures for addressing risks:

.....

.....

.....

.....

6. I have fully included in my tendered rates and prices (in the appropriate payment items provided in the Schedule of Quantities) for all resources, actions, training and any other costs required for the due fulfilment of the Regulations for the duration of the construction and defects repair period. (Tick)

YES	
NO	

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**



Error! Reference source not found.

## GENERAL INFORMATION (PROCUREMENT)

1. Name of tendering entity: .....
2. Contact details:  
 Contact name and number:.....  
 Address of tendering entity: .....  
 Postal code: .....  
 Tel no: (        )..... Fax no: (        ).....  
 E-mail address: .....
3. Legal entity: Mark with an X.

Sole proprietor	
Partnership	
Close corporation	
Company (Pty) Ltd	
Joint venture	

In the case of a Joint venture, provide details on joint venture members:

Joint venture member	Type of entity (as defined above)

4. Income tax reference number: **(COMPULSORY)**  
 (In the case of a joint venture, provide for all joint venture members)

.....

.....

5. VAT registration number **(COMPULSORY)**:  
(In the case of a joint venture, provide for all joint venture members)

.....

.....

6. Company or closed corporation registration number **(COMPULSORY)**:  
(In the case of a joint venture, provide for all joint venture members)

.....

.....

7. Construction Industry Development Board (CIDB) registration number **(COMPULSORY)**  
(In the case of a joint venture, provide for all joint venture members)

.....

.....

8. Municipal rates and taxes or service charges accounts of tendering entities and its directors / members **(COMPULSORY)**

(In the case of a joint venture, provide for all joint venture members)

**ATTACH COPIES OF ALL LATEST MUNICIPAL ACCOUNTS (SEE "NOTICE TO TENDERERS: VERY IMPORTANT NOTICE ON DISQUALIFICATIONS" PARAGRAPH No. 13)**

9. Details of proprietor, partners, closed corporation members, or company directors, indicating technical qualifications where applicable (Form on the next page).

10. For joint ventures the following must be attached:

- Written authority *of each JV partner*, for authorized signatory.
- The joint venture agreement.

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

## **CONSENT AND ACKNOWLEDGMENTS IN TERMS OF THE PROTECTION OF PERSONAL INFORMATION ACT 2013 (POPI)**

This section sets out how personal information will be collected, used and protected by MLM, as required by the Protection of Personal Information Act. The use of the words “the individual” for the purposes of this document shall be a reference to any individual communicating with MLM and/or concluding any agreement, registration or application, with the inclusion of each of those individuals referred to or included in terms of such agreement, registration or application.

### **1. What is personal information?**

The personal information that MLM requires relate to names and surnames, birth dates, identity numbers, passport numbers, demographic information, education information, occupation information, health information, addresses, memberships, and personal and work email and contact details.

### **2. What is the purpose of the collection, use and disclosure (the processing) of personal information?**

MLM is legally obligated to collect, use and disclose personal information for the purposes of:

- reporting MLM initiatives to the Gauteng Provincial Treasury and Sedibeng District Municipality;
- reporting to National Treasury all contracts awarded ;
- obtaining information related to Tax Compliance information from SARS;
- Verifying information on the National Treasury database of defaulters;
- evaluating and processing applications for registration on the database;
- compiling statistics and other reports;
- providing personalised communications;
- complying with the law; and/or
- for a purpose that is ancillary to the above. Personal information will not be processed for a purpose other than what is identified (the purpose) above without obtaining consent beforehand.

### **3. How will MLM process personal information?**

MLM will only collect personal information for the purpose as stated above. Information will be collected in the following manner:

- directly from the individual;
- from service providers who provided with services or goods to MLM;
- from MLM's own records relating to previous supply of services or goods; and/or
- from a relevant public or equivalent entity.

### **4. To whom will personal information be disclosed?**

The personal information may be disclosed to other relevant public or other entities on whose behalf we act as intermediaries, other third parties referred to above in relation to the purpose or who are sources of personal information, service providers such as professional bodies who operate across the borders of this country (transborder flow of information) where personal information must be sent in order to provide the information and/or services and/or benefits requested or applied for. In the event of another party/ies acquiring all of or a portion of MLM's mandate or functions, personal information will be disclosed to that party but they will equally be obliged as we are, to protect personal information in terms of this policy and the law.

### **5. Consent and Permission to process personal information:**

I hereby agree with the policy and provide authorisation to MLM to process the personal information provided for the purpose stated.

- I understand that withholding of or failure to disclose personal information will result in MLM being unable to perform its functions and/or any services or benefits I may require from MLM.
- Where I shared personal information of individuals other than myself with MLM I hereby provide consent on their behalf to the collection, use and disclosure of their personal information in terms of this personal information policy and I warrant that I am authorised to give this consent on their behalf.

- To this end, I indemnify and hold MLM not responsible in respect of any claims by any other person on whose behalf I have consented, against MLM should they claim that I was not so authorised.
- I understand that in terms of POPI and other laws of the country, there are instances where my express consent is not necessary in order to permit the processing of personal information, which may be related to police investigations, litigation or when personal information is publicly available.
- I will not hold MLM responsible for any improper or unauthorised use of personal information that is beyond its reasonable control.

#### 6. Rights regarding the processing of personal information:

- The individual may withdraw consent to the processing of personal information at any time, and should they wish to do so, must provide MLM with reasonable notice to this effect. Please note that withdrawal of consent is still subject to the terms and conditions of any contract that is in place. Should the withdrawal of consent result in the interference of legal obligations, then such withdrawal will only be effective if MLM agrees to same in writing. MLM specifically draws to the attention that the withdrawal of consent may result in it being unable to provide the requested information and/or services and/or financial or other benefits.
- In order to withdraw consent, please contact the Information Officer at [Johannesm@midvaal.gov.za](mailto:Johannesm@midvaal.gov.za)
- A copy of the full MLM policy is available at our offices, situated at Head Office, 25 Mitchell Street, Meyerton, 1961, South Africa.
- Individuals are encouraged to ensure that where personal information has changed in any respect to notify MLM so that our records may be updated. MLM will largely rely on the individual to ensure that personal information is correct and accurate.
- The individual have the right to access their personal information that MLM may have in its possession and are entitled to request the identity of which third parties have received and/or processed personal information for the purpose. Please note however, that any request in this regard may be declined if:
  - the information comes under legal privilege in the course of litigation,
  - the disclosure of personal information in the form that it is processed may result in the disclosure of confidential or proprietary information,
  - giving access may cause a third party to refuse to provide similar information to MLM,
  - the information was collected in furtherance of an investigation or legal dispute, instituted or being contemplated,
  - the information as it is disclosed may result in the disclosure of another person's information,
  - the information contains an opinion about another person and that person has not consented, and/or
  - the disclosure is prohibited by law.

#### 7. Requesting access and lodging of complaints:

- Please submit any requests for access to personal information in writing to MLM's information officer at [Johannesm@midvaal.gov.za](mailto:Johannesm@midvaal.gov.za)
- With any request for access to personal information, MLM will require the individual to provide personal information in order to verify identification and therefore the right to access the information.
- There may be a reasonable charge for providing copies of the information requested.
- If any request has not been addressed to satisfaction a complaint may be lodged at the office of the Information Regulator.

Signature :	Date :
-------------	--------

---

**DETAILS OF PROPRIETOR, PARTNERS, CLOSED CORPORATION MEMBERS OR COMPANY DIRECTORS**

(In the event of a joint venture, to be completed by all joint venture partners)

Name and Surname	Identity Number	Relevant qualifications and experience	Years of relevant experience

SPECIFIC GOALS

1. Equity Ownership

List all partners, shareholders or members of tendering entity by name, identity number, citizenship, gender, race, EME/QSE status and ownership.  
In the case of a JV, complete an Equity ownership for each JV member.

Name and Surname	Position Occupied in Enterprise	Identity Number	Date RSA Citizen-ship obtained	Gender Male / Female	Race	EME/QSE Status (Yes/No)	Date of Ownership	% Owned by EME/QSE s	% Owned by Women	% Owned by Disabled
TOTAL								A	B	C

Note: Where owners are themselves a company or partnership, identify the ownership of the holding firm.

In the case of joint ventures equity ownership for each of the JV members are determined as above, and the combined EME/QSE ownership is then calculated as follows:

Joint venture members	a % Contribution to the JV	b %BBBEE	c = a * b ÷ 100 % BBBEE contribution
Total BBBEE contribution			

**A COPY OF A VALID SIGNED JOINT VENTURE AGREEMENT MUST BE ATTACHED TO THE TENDER DOCUMENT.  
FAILURE TO COMPLY WITH ABOVE-MENTIONED WILL RESULT IN REJECTION OF THIS TENDER**

**NOTE:** See table in paragraph 2.3.3.10 for specific goals and points to be awarded.

## 2. SMME Status

Provide details on the following

Sector/Sub-Sector in accordance with the Standard Industrial Classification	
Total Full-time Equivalent of paid Employees	
Total Annual Turnover	
Total Gross Asset Value	
Size or Class (Medium, Small, Very Small, Micro)	

**NOTE:** If all of the above does not adhere to the definition of a single class, use the total Annual Turnover only to decide on the class.

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**



## PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 (MBD 6.1)

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 all bids:

- 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 90/10 preference point system. OR
- b) The applicable preference point system for this tender is the 90/10 preference point system.
- c) Either the 90/10 or 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

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	90
SPECIFIC GOALS	10
<b>Total points for Price and SPECIFIC GOALS</b>	<b>100</b>

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 THE 80/20 PREFERENCE POINT SYSTEMS

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

<b>80/20</b>	or	<b>90/10</b>
$P_s = 80 \left( 1 - \frac{P_t - P_{min}}{P_{min}} \right)$	or	$P_s = 90 \left( 1 - \frac{P_t - P_{min}}{P_{min}} \right)$

Where

P<sub>s</sub> = Points scored for price of tender under consideration

P<sub>t</sub> = Price of bid under consideration

P<sub>min</sub> = Price of lowest acceptable tender

### 4. POINTS AWARDED FOR SPECIFIC GOALS

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

4.2 If it is unclear whether the 80/20 or 90/10 preference point system applies, the following will apply:—

- (a) an invitation for tender for income-generating contracts, either the 80/20 or 90/10 preference point system will apply and the highest acceptable tender will be used to determine the applicable preference point system; or
- (b) any other invitation for tender, either the 80/20 or 90/10 preference point system will apply and 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 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)
Local Enterprise	90/10	5	N/A	
B-BBEE	90/10	5	N/A	

#### DECLARATION WITH REGARD TO COMPANY/FIRM

4.3 Name of company/firm \_\_\_\_\_

4.4 Company registration number \_\_\_\_\_

4.5 TYPE OF COMPANY/ FIRM \_\_\_\_\_

- Y Partnership/Joint Venture / Consortium  
Y One person business/sole propriety  
Y Close corporation  
Y Public Company  
Y Personal Liability Company  
Y (Pty) Limited  
Y Non-Profit Company  
Y State Owned Company

[TICK APPLICABLE BOX]

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

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

.....  
**SIGNATURE(S) OF TENDERER(S)**

**SURNAME AND NAME:** .....

**DATE:** .....

**ADDRESS:** .....

.....

.....

.....

## ADMINISTRATIVE COMPLIANCE:

DESCRIPTION			BIDDER'S CHECKLIST
1	Certified copy of the signed resolution by all directors authorising a director/ other official of the company to sign the documents on behalf of the company.		<input type="checkbox"/> YES <input type="checkbox"/> NO
2	Current Water and Lights / Rates and Taxes obtainable from the local or metropolitan municipality.		<input type="checkbox"/> YES <input type="checkbox"/> NO
3	In a case of a Joint Venture (JV)/ Consortium, the JV agreement.		<input type="checkbox"/> YES <input type="checkbox"/> NO
4	Valid B-BBEE certificate or completed or signed Sworn Affidavit The municipality only considers B-BBEE certificates from SANAS accredited agencies as well as certificates and sworn affidavits from the DTI.		<input type="checkbox"/> YES <input type="checkbox"/> NO
SPECIFIC GOALS – POINTS CLAIM			
Goal	Weight		Bidder's Checklist
Local Enterprise (5 Points)	5 Points, if the business operates within the jurisdiction of Midvaal Local Municipality		<input type="checkbox"/> YES <input type="checkbox"/> NO
	3 Points, if the business operates outside Midvaal but within the Sedibeng District jurisdiction		
	2 Points, if the business operates outside the Sedibeng jurisdiction		
	0 points for non-submission		
BBBEE STATUS (5 Points)	Status Contributor	Points	B-BBEE certificate: - issued by the DTIC (The Department of Trade and Industry and Competition) through CIPC; OR - from an accredited institution registered with SANAS; OR - a valid sworn affidavit, as issued by the DTIC
	1	10	
	2	8	
	3	6	
	4	5	
	5	4	
	6	3	
	7	2	
8	1		

**NB:** confirmation of the voting district can be obtained from <https://www.elections.org.za/pw/Voter/Voter-Information>  
A screenshot of the confirmation will be sufficient

## BIDDER'S AUTHORISED SIGNATORY:

Full Names and Surname:

Signature:

\_\_\_\_\_.

\_\_\_\_\_.

Error! Reference source not found.

## TENDERER'S FINANCIAL STANDING

In terms of Clause F2.1 of the Tender Data the Employer may make inquiries to obtain a bank rating from the Tenderer's bank.

To that end the Tenderer must provide with his Tender a bank rating, certified by his banker, to the effect that he will be able to successfully complete the contract at the tendered amount, within the specified time for completion.

Name of account holder: .....

Name of Bank: ..... Branch: .....

Account number: ..... Type of account: .....

Telephone number: ..... Facsimile number: .....

Name of contact person (at bank): .....

***Failure to provide either the required bank details or a certified bank rating with his Tender, will lead to the conclusion that the Tenderer does not have the necessary financial resources at his disposal to complete the contract successfully within the specified time for completion. As such, his Tender will be ruled as "invalid".***

The Employer reserves the right to confirm with the Tenderer's bank that the supplied bank rating has not changed since the submission of the Tender.

The Employer undertakes to treat the information thus obtained as confidential, strictly for the use of evaluation of the tender submitted by the Tenderer.

### SIGNED BY/ON BEHALF OF TENDERER:

NAME

SIGNATURE

DATE

## **PERFORMANCE MANAGEMENT SYSTEM**

The Municipal Finance Management Act (No. 56 of 2003) Section 116 (2) (d) determines that a Municipality must enter into a Performance Management System (PMS) with all service providers as per the attached draft template.

**ANNEXURE "B"**

**PERFORMANCE MANAGEMENT SYSTEM  
EXTERNAL SERVICE PROVIDERS**

(in terms of Section 116 of the Municipal Finance Management Act, Act 56 of 2003)

<b>CONTRACT</b>	CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS IN MIDVAAL LOCAL MUNICIPALITY ON AS AND WHEN BASIS FROM DATE OF AWARD FOR 36 MONTHS	
<b>COMPANY</b>		
<b>TENDER NO</b>		<b>DATE APPROVED:</b>
<b>TERM OF CONTRACT</b>	On an as when required basis	
<b>RESPONSIBLE PERSON FOR ASSESSMENT &amp; COMPLETION OF PERFORMANCE REPORT</b>		

KEY PERFORMANCE AREA	KEY PERFORMANCE INDICATOR	RESPONSIBLE PERSON & TARGET DATE	COMPLIANCE & DATE	DEVIATIONS, IF ANY, PROVIDE REASONS	AGREED RECTIFICATION MEASURES TO COMPLY
<b>A. OPERATIONAL KPI's (TO BE COMPLETED BY RELEVANT DEPARTMENT ACCORDING TO APPROVED TENDER SPECIFICATIONS)</b>					
<b>Project Initiation</b>	a) Submit and obtain approval for Health & Safety file. b) Inform department of labour about the project, (Notification of Construction Certificate) c) Submit construction programme and obtain approval from the Engineer. d) Provide construction guarantees and proof of insurance as required.	Service Provider Within 14 days of award.			
<b>Contract Administration</b>	a) Provide Monthly progress report. b) Provide an updated construction programme monthly. c) Submit invoices on or before 25 <sup>th</sup> of each month. d) Attend site meetings as arranged by the Engineer.	Service Provider Monthly.			
<b>Construction</b>	a) Compliance with health and safety requirements. b) Comply with quality requirements. c) Maintain progress in accordance with approved construction programme. d) Provide required testing and design certificates.	Service Provider Monthly or as required.			





\_\_\_\_\_  
ON BEHALF OF SERVICE PROVIDER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE: DIRECTOR

\_\_\_\_\_  
SIGNATURE: RESPONSIBLE

\_\_\_\_\_  
DATE

## MIDVAAL LOCAL MUNICIPALITY INDEMNITY

1. The Contractor hereby agrees to indemnify, hold harmless and defend Midvaal Local Municipality and their officers, employees, agents and representatives, from and against the following liabilities arising as a result of the execution of the work:
  - 1.1 Any liability with regard to claims by governmental authorities or others for non-compliance by Contractor of any Act of Parliament, law, ordinance, regulation or by-law made by a lawful authority provided that such compliance therewith was required for the execution of the Contract or at Law.
  - 1.2 Any liability arising from actual or alleged public or private nuisance arising out of negligent acts or omissions to act of Contractor or its Subcontractors, or of their employees.
  - 1.3 Any liability arising from loss or damage to Contractor and/or Subcontractor's equipment and their other property on site.
  - 1.4 Any liability arising from claims with regard to the death of/or injury or sickness or disease to Contractor's employees or the death of/or injury or sickness or disease to third parties.
  - 1.5 Any liability arising from any loss of/or damage to property belonging to a third party.
  - 1.6 Any liability arising from actual or asserted infringement or improper appropriation or use of patents, copyrights, proprietary information or know-how in respect of the work designed by/or under the responsibility of the Contractor.
  - 1.7 Any liability arising from the death or injury or loss or damage to property of third parties or Midvaal Local Municipality's property as a result of the negligent acts or omissions of contractors or its subcontractor's employees.
  - 1.8 Contractor shall indemnify Midvaal Local Municipality against all claims, proceedings, damages and costs of whatsoever nature arising out of contravention of environmental legislation.

I, \_\_\_\_\_ the undersigned (duly authorised to sign) hereby declare that I have read and understood the abovementioned and agree to all the above.

<b>COMPANY:</b>	
<b>ADDRESS:</b>	
<b>TEL:</b>	
<b>CELL:</b>	

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

## MUNICIPAL SERVICES, RATES AND TAXES CLEARANCE CERTIFICATE FOR SUPPLY CHAIN PURPOSE

The purpose of this form is to obtain prove that municipal services, rates and taxes of the service provider are **not more than three months in arrears** with the relevant municipality / landlord in the municipal area where the service provider conduct his / her business.

**Where bidders are not owners of a property and cannot submit a copy of the municipal account, the following must be completed together with a duly signed lease agreement:**

<b>( TO BE COMPLETED BY THE LANDLORD)</b>		
Name of the Landlord:		
Property Physical Address:		
<b>Please tick below</b>	<b>Yes</b>	<b>No</b>
Rental:                      in arrears for more than 3 months	<input type="checkbox"/>	<input type="checkbox"/>
Municipal services:      in arrears for more than 3 months	<input type="checkbox"/>	<input type="checkbox"/>
Landlord Signature:		
Date: _____  <b>Landlord's business stamp here (where applicable)</b>		

**MUNICIPAL SERVICES, RATES AND TAXES CLEARANCE CERTIFICATE, OR LEASE AGREEMENT MUST BE ATTACHED BEHIND THIS PAGE.**

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

## SCHEDULE OF ESTIMATED LOCAL LABOUR

The Tenderer shall provide an estimate of the Estimated Local Labour Employment expected during the contract. This estimate will form the benchmark to which the appointed contractor shall be held.

OVERALL EMPLOYMENT ACTIVITIES (TOTAL OF PROJECT)								
OCCUPATIONAL CATEGORY		LABOURER	SEMI-SKILLED	SKILLED	CLERICAL	SUPERVISOR	MANAGERIAL / PROFESSIONAL	TOTAL
Number of Persons/Labor - Days	ADULT MEN							
	ADULT WOMEN							
	YOUTH MALE							
	YOUTH FEMALE							
	DISABLED MALE							
	DISABLED FEMALE							
	TOTAL							

Should the actual employment be less than the person days stated in this form the Employer reserves the right to deduct an amount from the payment due to the contractor.

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

**Error! Reference source not found.**

## **CIDB CONTRACTOR REGISTRATION CERTIFICATE**

A Certificate of Contractor's Registration issued by the Construction Industry Development Board (CIDB) shall be attached to this page.

Where a tenderer satisfies CIDB Contractor grading designation requirements through joint venture formation, such tenderers must submit the Certificates of Contractor Registration in respect of each partner.

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

## **NHBRC CONTRACTOR REGISTRATION CERTIFICATE**

A Certificate of Contractor's Registration issued by the National Home Builders Registration Council shall be attached to this page.

Where a tenderer is a Joint venture, such tenderers must submit the Certificates of one Contractor Registration.

**Error! Reference source not found.**

## **PRELIMINARY PROGRAMME**

(For information purposes only)

The tenderer shall attach a preliminary programme, to this page.

This programme shall be in the form of a bar chart (Gantt chart) or similar acceptable time/activity form reflecting the proposed sequence and rate of progress of the various activities and the quantities that will be carried out every week under each of the elements, comprising the work for this contract. The programme shall also indicate the point where the tenderer intends to commence work operations and the direction in which the work will proceed. The working hours shall be indicated.

**Details of the preliminary programme shall be appended to this Schedule.**

Number of sheets appended by the tenderer to this Schedule .....(If nil, enter NIL)

**SIGNED BY/ON BEHALF OF TENDERER:**

**NAME**

**SIGNATURE**

**DATE**

## **ADDITIONAL DOCUMENTS**

- Tenderer's Occupational Health & Safety Policy
- Joint Venture agreement (if applicable)



## PART C1: AGREEMENTS AND CONTRACT DATA

---

C1.1	Form Of Offer And Acceptance
C1.2	Contract Data
C1.3	Performance Guarantee
C1.4	Adjudication
C1.5	Occupational Health And Safety Agreement
0	
	EPWP CLAUSES
C1.7	Annexure To Special Conditions Of Contract Transfer Of Rights And Indemnity

Error! Reference source not found.

## C1.1. Form of Offer and Acceptance Offer

The Employer, identified in the Acceptance signature block, has solicited offers to enter a contract in respect of the following works:

### CONTRACT NO. 2025

The tenderer, identified in the offer signature block below, has examined the documents listed in the Tender Data and addenda thereto as listed in the Returnable Schedules, and by submitting this offer has accepted the conditions of tender.

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

The Contract shall be completed within

36

months of the Commencement Date.

### (Project Timelines note)

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

.....  
..... RAND (in words);  
R.....(in figures)

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.

#### SIGNED ON BEHALF OF/BY THE TENDERER:

NAME

SIGNATURE

CAPACITY

DATE

#### Name and address of Organisation:

.....  
.....  
.....

#### SIGNED BY WITNESS:

NAME

SIGNATURE

DATE

## Acceptance

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

The terms of the contract are contained in:

- Part C1: Agreements and Contract Data (which includes this Agreement)
- Part C2: Pricing Data
- Part C3: Scope Of Work

and drawings and documents or parts thereof, which may be incorporated by reference into Parts C1 to C4 above.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto as listed in the Returnable Documents 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 Agreement. No amendments to or deviations from said documents are valid unless contained in this schedule which must be duly signed by the authorised representative(s) of both parties.

The tenderer shall within two weeks of receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), or when or just after this Agreement comes into effect, contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this Agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the tenderer (now Contractor) within five 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.

### SIGNED ON BEHALF OF/BY THE EMPLOYER:

**NAME**

**SIGNATURE**

**CAPACITY**

**DATE**

**Error! Reference source not found. - address of Organisation**

.....

.....

.....

### SIGNED BY WITNESS:

**NAME**

**SIGNATURE**

**DATE**



## Schedule of Deviations

### Notes:

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

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

By the duly authorised representatives signing this Schedule of Deviations, 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 Documents, 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.

**SIGNED ON BEHALF OF/BY THE TENDERER:**

**NAME**

**SIGNATURE**

**CAPACITY**

**DATE**

**SIGNED BY WITNESS:**

**NAME**

**SIGNATURE**

**DATE**

**SIGNED ON BEHALF OF/BY Error! Reference source not found.:**

**NAME**

**SIGNATURE**

**CAPACITY**

**DATE**

**SIGNED BY WITNESS:**

**NAME**

**SIGNATURE**

**DATE**

## CONFIRMATION OF RECEIPT

The Tenderer, (now Contractor), identified in the Offer part of this Agreement hereby confirms receipt from the Employer, identified in the Acceptance part of this Agreement, of one fully completed original copy of this Agreement, including the Schedule of Deviations (if any) today:

the ..... (day) of ..... (month)..... (year)

at.....(place)

### SIGNED ON BEHALF OF/BY THE CONTRACTOR:

**NAME**

**SIGNATURE**

**CAPACITY**

### SIGNED BY WITNESS:

**NAME**

**SIGNATURE**

## C1.2. Contract Data

### Part 1: Contract Data Provided by the Employer

#### JBCC SERIES 2000 FORMS OF CONTRACT PRINCIPAL BUILDING AGREEMENT (6.2 EDITION)

##### C1.2 CONTRACT DATA

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

Copies of these conditions of contract may be obtained from:

- The Association of South African Quantity Surveyors (011 315 4140)
- Master Builders Association (011 205 9000; 011 805 6611; 011 205 9110)
- South African Association of Consulting Engineers (011 463 2022)
- South African Institute of Architects (011 486 0684; 012 341 3204)

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 procedure 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.

Each item of data given below is cross-referenced to the clause in the JBCC Principal Building Agreement to which it mainly applies.

**The additions, deletions and alterations to the JBCC Series 2000 Principal Agreement are:**

##### Clause Additions, deletions and alterations

1.1 Replace the following definitions in **Definitions and interpretations** with the following:

- **AGREEMENT** means the agreement arising from the signing of the Form of Offer and Acceptance by the parties.
- **BILLS OF QUANTITIES** means the document drawn up in accordance with the Pricing Instructions contained in the Pricing Data.
- **CONSTRUCTION PERIOD** means the period commencing on the date that the Agreement made in terms of the Offer and Acceptance comes into effect and ending on the date of practical completion.
- **CONTRACT DOCUMENTS** means the Agreement and all documents referenced therein.
- **CONTRACT DRAWINGS** means the drawings listed in the Scope of Work.
- **CONTRACT SUM** means the total of prices in the Form of Offer and Acceptance.
- **SCHEDULE** means the variable listed in the Contract Data.



### 1.1 The Employer is

### Midvaal Local Municipality

The contact details and address of the Employer is:

Telephone: **016-360-7400**

Facsimile: **086-002-0523**

Address (physical):

**Civic Centre  
25 Mitchell Street  
Meyerton**

Address (postal):

**P.O. Box 9  
Meyerton  
1960**

The Principal Agent is:

The contact details and address of the Principal Agent is:

Telephone :

Facsimile :

Address (physical) :

Address (postal):

### 1.2 The **works** comprise:

The construction, refurbishment and maintenance of buildings in Midvaal Local Municipality on an as and when basis. The scope shall be limited to the supplied drawings and bills of quantities for each work package that will be sent out to tender by Midvaal Local Municipality.

- The Employer is an organ of State
- The interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999) will apply.
- Lateral support insurance is to be effected by the contractor – N/A
- Payment will be made for materials and goods on site
- Extended defects liability period will apply to the following elements
- Possession of the site is to be given within seven days of the **contractor** providing the **employer** with **construction guarantees** in accordance with the provision of Clause 12.0.
- The period for the commencement of the **works** after the **contractor** takes possession of the site is 14 working days
  - For the works as a whole:
  - The date for **practical completion** will be decided at signing of the contract
  - The **penalty** per **calendar day** will be charged at a minimum of R3000 per calendar day up to a maximum of R100 000.00. Thereafter, the termination process shall begin.
  - The law applicable to the agreement shall be that of the Republic of South Africa.

- Contract works insurance is to be effected by the **contractor** for a sum not less than the **contract sum** with a deductible in an amount that the **contractor deems appropriate**.
- The supplementary insurance is required. Such insurance shall comprise a Coupon Policy for Special Risks Issued by the South African Special Risk Insurance Association.
- Public liability insurance to be effected by the **contractor** for the sum of **R 5 000 000.00 per claim** with a deductible in an amount that the **contractor deems appropriate**.
- Support insurance to be effected by the contractor
- A waiver of the **contractor's** lien or right of continuing possession is not required.
- One copy of the construction document is to be supplied to the **contractor** free of charge.
- The contract value is to be adjusted using CPAP indices from the anniversary of the contract.
- There is no latest day of the month for the issue of an interim payment certificate.
- The employer will not provide advanced payments against advanced payment guarantee.
- The construction guarantee is to be a fixed guarantee in an amount of 10% of the contract sum and payment reduction
- Dispute determinations shall be by arbitration

## Part 2: Contract Data completed by the Contractor

### Clause Item and data

1.1 The name of the Contractor is .....

The address of the contractor is:

Address (physical) .....

.....

.....

Address (postal) .....

.....

.....

Telephone: .....

Facsimile: .....

## Part 2: Data Provided by the Contractor

### Clause 1.2.1: Delivery of Notices

The name of the Contractor is .....

The address of the Contractor is .....

Physical Address

Postal Address

.....

.....

.....

.....

.....

.....

.....

.....

Telephone:.....

Fax:.....

Email:.....

### SIGNED ON BEHALF OF/BY THE TENDERER:

**NAME**

**SIGNATURE**

**CAPACITY**

**DATE**

Error! Reference source not found.

## C1.3. Performance Guarantee

### GUARANTOR DETAILS AND DEFINITIONS

"Guarantor: ..... means:

Physical ..... address:

"Employer" means: **Error! Reference source not found.**

"Contractor" ..... means:"

"Employer Agent" means Midvaal Local Municipality Representative and/or such person or persons or their successors duly appointed by the Employer in writing.

"Works" ..... means:

"Site" ..... means:

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

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

Amount ..... in ..... words:

"Guaranteed Sum" means: The maximum aggregate amount of R

Amount ..... in ..... words:

"Expiry Date" ..... means:

### CONTRACT DETAILS

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

### PERFORMANCE GUARANTEE

1. The Guarantor's liability shall be limited to the amount of the Guaranteed Sum.
2. The Guarantor's period of liability shall be from and including the date of issue of this Performance Guarantee and up to and including the Expiry Date or the date of issue by the Engineer of the Certificate of Completion of the Works or the date of payment in full of the Guaranteed Sum, whichever occurs first. The Engineer and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.
3. The Guarantor hereby acknowledges that:
  - 3.1. any reference in this Performance Guarantee to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;
  - 3.2. its obligation under this Performance Guarantee is restricted to the payment of money.

4. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3:
  - 4.1. A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Principal Agent in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;
  - 4.2. A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) days has elapsed since the first written demand in terms of 4.1 and the sum certified has still not been paid;
  - 4.3. A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum certified in 4.
5. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Performance Guarantee, such demand stating that:
  - 5.1. the Contract has been terminated due to the Contractor's default and that this Performance Guarantee is called up in terms of 5; or
  - 5.2. a provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Performance Guarantee is called up in terms of 5; and
  - 5.3. the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
6. It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.
7. Where the Guarantor has made payment in terms of 5, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Performance Guarantee have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Performance Guarantee shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.
8. Payment by the Guarantor in terms of 4 or 5 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.
9. Payment by the Guarantor in terms of 5 will only be made against the return of the original Performance Guarantee by the Employer.
10. The Employer shall have the absolute right to arrange his/her affairs with the Contractor in any manner which the Employer may deem fit and the Guarantor shall not have the right to claim his/her release from this Performance Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.
11. The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.
12. This Performance Guarantee is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.
13. This Performance Guarantee, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.
14. Where this Performance Guarantee is issued in the Republic of South Africa, the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

**SIGNED**    **AT:**.....

**GUARANTOR (1)**

**SIGNATURE**

**DATE**

**CAPACITY**

**GUARANTOR (2)**

**SIGNATURE**

**DATE**

**CAPACITY**

**WITNESS (1)**

**SIGNATURE**

**WITNESS (2)**

**SIGNATURE**

## **C1.4. Adjudication**

Adjudication shall be carried out in terms in instances where there is a material dispute between the client and contractor.



Error! Reference source not found.

## C1.5. Occupational Health and Safety Agreement

**AGREEMENT MADE AND ENTERED INTO BETWEEN Error! Reference source not found. (HEREINAFTER CALLED THE "EMPLOYER") AND**

.....  
(Contractor/Mandatory/Company/CC Name)

**IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, ACT No. 85 OF 1993 AS AMENDED.**

I, .....,  
representing

....., as an Employer in its own right, do hereby undertake to ensure, as far as is reasonably practicable, that all work will be performed, and all equipment, machinery or plant used in such a manner as to comply with the provisions of the Occupational Health and Safety Act (OHSA) and the Regulations promulgated thereunder.

I furthermore confirm that I am/we are registered with the Compensation Commissioner and that all registration and assessment monies due to the Compensation Commissioner have been fully paid or that I/We are insured with an approved licensed compensation insurer.

COID ACT Registration Number: .....

OR Compensation Insurer: ..... Policy No.: .....

I undertake to appoint, where required, suitable competent persons, in writing, in terms of the requirements of OHSA and the Regulations and to charge him/them with the duty of ensuring that the provisions of OHSA and Regulations as well as the Council's Special Conditions of Contract, Way Leave, Lock-Out and Work Permit Procedures are adhered to as far as reasonably practicable.

I further undertake to ensure that any subcontractors employed by me will enter into an Occupational Health and Safety Agreement separately, and that such subcontractors comply with the conditions set.

I hereby declare that I have read and understand the appended Occupational Health and Safety Conditions and undertake to comply therewith at all times.

I hereby also undertake to comply with the Occupational Health and Safety Specification and Plan.

Signed at ..... on the ..... day of ..... 20.....

### **SIGNED BY/ON BEHALF OF CONTRACTOR - MANDATORY**

**NAME**

**SIGNATURE**

**DATE**

### **SIGNED BY WITNESS:**

**NAME**

**SIGNATURE**

**DATE**

Signed at ..... on the ..... day of ..... 20.....

**SIGNED BY/ON BEHALF OF Error! Reference source not found.**

**NAME**

**SIGNATURE**

**DATE**

**SIGNED BY WITNESS:**

**NAME**

**SIGNATURE**

**DATE**

### **Occupational Health and Safety Conditions**

1. The Chief Executive Officer of the Contractor shall assume the responsibility in terms of Section 16(1) of the Occupational Health and Safety Act (as amended). Should the Contractor assign any duty in terms of Section 16(2), a copy of such assignment shall immediately be provided to the representative of the Employer as defined in the Contract.
2. All work performed on the Employer's premises shall be performed under the supervision of the construction supervisor who understand the hazards associated with any work that the Contractor performs on the site in terms of Construction Regulations 2003.
3. The Contractor shall appoint a Competent Person who shall be trained on any occupational health and safety aspect pertaining to them or to the work that is to be performed.
4. The Contractor shall ensure that he familiarises himself with the requirements of the Occupational Health and Safety Act and that he/she, his/her employees, and any sub-contractors, comply with them.
5. Discipline in the interests of occupational health and safety shall be strictly enforced.
6. Personal protective equipment shall be issued by the Contractor as required and shall be worn at all times where necessary.
7. Written safe work procedures and appropriate precautionary measures shall be available and enforced, and all employees shall be made conversant with the contents of these practices.
8. No substandard equipment/machinery/articles or substances shall be used on the site.
9. All incidents referred to in terms of Section 24 of the Occupational Health and Safety Act shall be reported by the Contractor to the Department of Labour and the Employer.
10. The Employer hereby obtains an interest in the issue of any formal inquiry conducted in terms of Section 32 of the Occupational Health and Safety Act and into any incident involving a Contractor and/or his/her employees and/or his/her sub-contractor/s.
11. No use shall be made of any of the Employer's machinery/plant/equipment/substance/personal protective equipment or any other article without prior arrangement and written approval.
12. No alcohol or any other intoxicating substance shall be allowed on the site. Any person suspected of being under the influence of alcohol or any other intoxicating substance shall not be permitted access to, or allowed to remain on the site.
13. Prior to commencement of any work, verified copies of all documents mentioned in the agreement, must be presented to the Employer.

## C1.6. EPWP CLAUSES

### C1.6.1 TENDERER'S PARTICIPATION IN JOB CREATION USING LOCAL LABOUR

The Contractor shall be required to participate in job creation (employment of local labour) by executing various portions of the Works using local labour (unskilled or semi-skilled), recruited from the local community, who are South African Citizens or foreigners in possession of a work visa issued by the Department of Home Affairs (only one such foreigner may be employed on any project). Proof of citizenship or work visa may be audited during the contract period.

The creation of one job shall mean the temporary employment, for any period of time, of one such unskilled or semi-skilled labourer from the local community.

The Tenderer shall note the requirements for Job Creation Reporting for EPWP as set out in the Requirements of the Expanded Public Works Programme (EPWP) of the project specifications.

The number of jobs to be created using such local labour is inclusive of the local labour employed to execute various portions of the Works by both the main Contractor and any subcontractors, including the small development subcontractors.

The number of jobs to be created using such local labour shall include for a minimum percentage allocation to the following individual targeted groups:

- 1 60% Women.
- 2 55% Youth; and
- 3 2% Disabled.

The minimum required content of such local labour for this project shall be calculated as follows:

$$= \frac{\text{Minimum required content of such local labour (\%)}}{(100 \times \text{amount spent on wages for such local labour (excluding VAT)})}{(\text{total value of the project (excluding VAT)})}$$

The minimum required content of such local labour for this project shall be **30 %**.

For purposes of completing the table on the next page containing the Tenderer's declaration with respect to participation in job creation using local labour, the total value of the project shall be the amount of the Tender Offer.

### C1.6.2 TENDERER'S DECLARATION WITH RESPECT TO PARTICIPATION IN JOB CREATION USING LOCAL LABOUR:

The Tenderer shall complete the table below reflecting the anticipated local labour force to be employed on this contract, including such local labour employed by subcontractors.

I/We hereby tender to participate in job creation through the employment of local labour by creating the following number of jobs using unskilled or semi-skilled labourers, recruited from the local community, who are South African Citizens or foreigners in possession of a work visa issued by the Department of Home Affairs (only one such foreigner may be employed on any project), including for a minimum allocation of 60% Women, 55% Youth and 2% Disabled:

Local labour comprising unskilled or semi skilled labourers recruited from the local community	Anticipated number of jobs to be created	Total number of person days anticipated	Wage rate per person day (excluding VAT) (Rand)	Total wage cost (excluding VAT) (Rand)
Contractor's local labour content				
Subcontractors' local labour content				
Total anticipated wage cost of local labour content (excluding VAT)				R
Tender Offer (excluding VAT)				R
Hence anticipated local labour content expressed as a percentage of the Tender Offer (Excluding VAT)				%
<b>Note:</b> Should this percentage not equal or exceed the specified minimum percentage, the tender will be considered non-responsive in terms of subclause F.3.8 of the Conditions of Tender and such a tender shall be rejected				
Specified minimum local labour content				%

A penalty shall be applied to any shortfall in the local labour content achieved, as set out in the Requirements of the Expanded Public Works Programme (EPWP) of the project specifications. The penalty shall not apply to shortfalls in the allocations to the individual target groups (i.e., Women/Youth/Disabled), only to shortfalls in the total local labour content achieved.

The undersigned, who warrants that he/she is duly authorized to do so on behalf of the Tenderer, confirms that he/she understands the conditions for such participation and confirms that the tender satisfies the conditions for participation in job creation through the employment of local labour.

Name:

Duly authorized to sign on behalf of:

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

(Of person authorised to sign on behalf of the Tenderer)

**Failure to complete, sign and date this form shall result in the tender being considered non-responsive in terms of subclause F.3.8 of the Conditions of Tender and such a tender shall be rejected.**

Error! Reference source not found.

## C1.7. ANNEXURE TO SPECIAL CONDITIONS OF CONTRACT TRANSFER OF RIGHTS AND INDEMNITY

Claim for materials on site, Payment Certificate No: ..... Date: .....

TENDER NO : 8/2/2/445 .....for (contract title) .....

I, the undersigned (name of signatory) .....in my capacity as

.....of (name of Contractor) .....

duly authorised hereto on behalf of the Contractor hereby transfer, cede and assign all the Contractor's rights, title and interest in and to the materials and goods, for which evidence of bona fide ownership is attached hereto,

unto and in favour of (name of Employer) .....

Insofar as the Contractor retains actual control of the materials and goods, the right of ownership thereof passes to the Employer by *constitutum possessorium*.

I herewith indemnify the Employer against any claim to and in respect of said materials by reason of the Contractor's sequestration or liquidation or of any effect in the Contractor's title to the materials and agree that no payment for materials on site will be made by the Employer until such time as I have submitted documentary proof of bona fide ownership of the said materials and goods.

The transfer shall become effective upon conclusion of the Contractor receiving payment from the Employer or from any other person on behalf of the Employer for the materials and goods as Materials on Site, payment of retention money thereon excluded.

I further confirm that I am fully responsible for all materials and goods listed under this Transfer of Rights and that they have been insured adequately against all risks and will remain insured until they are built into or used in the permanent works and taken over by the Employer.

**This certificate of Transfer of Rights applies only to the materials and goods as listed in the following table:**

DESCRIPTION OF ITEM	UNIT	QTY	RATE	AMOUNT	SUPPLIER
<b>TOTAL VALUE OF MATERIALS AND GOODS</b>					

Signed by ..... Date .....  
for and on behalf of the Contractor,

Witnesses by ..... Date .....

[Note: This form, together with the documentary proof of ownership or proof of payment by the Contractor to the supplier, shall accompany the Contractor's claim for payment for materials on site in terms of Clause 25.9 of the JBCC Edition 6.1]

---

## Part C2: Pricing Data and Bill of Quantities

---

- C2.1 Pricing Instructions
- C2.2 Bill Of Quantities

## C2.1. Pricing Instructions

1. Measurement and payment shall be in accordance with the relevant provisions.
2. The units of measurement described in the Bill of Quantities are metric units. Abbreviations used in the Bill of Quantities are as follows:

%	=	per cent	m <sup>2</sup> .pass	=	square metre-pass
h	=	hour	m <sup>3</sup>	=	cubic metre
ha	=	hectare	m <sup>3</sup> .km	=	cubic metre-kilometre
kg	=	kilogram	MN	=	meganewton
kl	=	kilolitre	MN.m	=	meganewton-metre
km	=	kilometre	MPa	=	megapascal
km-pass	=	kilometre-pass	No.	=	number
kPa	=	kilopascal	Prov sum	=	Provisional sum
kW	=	kilowatt	P C sum	=	Prime Cost sum
ℓ	=	litre	sum	=	lump sum
m	=	metre	t	=	ton (1 000 kg)
mm	=	millimetre	W/day	=	Work day
m <sup>2</sup>	=	square metre			

3. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.
4. The prices and rates to be inserted in the Bill of Quantities are fully inclusive prices for the work described under the items. Such prices and rates shall cover all costs and expenses that may be required 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 shall be used as a basis for assessment of payment for additional work that may have to be carried out.
5. It will be assumed that prices included in the Bill 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.
6. Where the Scope of Work requires detailed drawings and designs or other information to be provided, all costs associated therewith are deemed to have been provided for and included in the unit rates and sum amount tendered for such items.
7. An item against which no price is entered will be considered to be covered by the other prices or rates in the Bill of Quantities. A single lump sum will apply should a number of items be grouped together for pricing purposes.
8. The quantities set out in the Bill of Quantities are approximate and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in the Bills of Quantities.
9. Reasonable compensation will be received where no pay item appears in respect of work required in the Bills of Quantities in terms of the Contract and which is not covered in any other pay item.
10. The short descriptions of the items of payment given in the Bill of Quantities are only for the purposes of identifying the items. More details regarding the extent of the work entailed under each item appear in the Scope of Work.
11. Descriptions in the Bill of Quantities are abbreviated
12. The item numbers appearing in the Bill of Quantities refer to the corresponding item numbers
13. Those parts of the contract to be constructed using labour-intensive methods have been marked in the Bill of Quantities with the letters L in a separate column filled in against every item so designated. The works, or parts of the Works so designated are to be constructed using labour-intensive methods only. The use of plant to provide such Works, other than plant specifically provided for in the Scope of Work, is a variation to the contract. The items marked with the letters L are not necessarily an exhaustive list of all the activities which must be done by hand, and this clause does not override any of the requirements in the generic labour-intensive specification in the Scope of Works.
14. Payment for items, which are designated to be constructed labour-intensively (either in this schedule with an L or in the Scope of Works), will not be made unless they are constructed using labour-intensive methods. Any unauthorised use of plant to carry out work which was to be done labour-intensively will not be condoned and any works so constructed will not be certified for payment.
15. Tender rates should be treated as rate only as the actual quantities will be determined on site and may vary considerably from those given in the Bill of Quantities

## **C2.2. Bill of Quantities**

### **CONTENTS**

#### **BILL OF QUANTITIES**

SECTION NO. 1	PRELIMINARY AND GENERAL .....
SECTION NO. 2	BUILDERS'S WORK .....
	Summary Of Bill Of Quantities .....

**Declaration .....**



**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<b><u>SCHEDULE No. 1</u></b>				
	<b><u>ALTERATIONS</u></b>				
	<b><u>NOTES</u></b>				
	Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.				
	<u>Site inspection</u>				
	Contractors are required to inspect the site and acquaint themselves with all aspects of the works to be executed under this contract prior to the submission of their tender. No claim whatsoever will be entertained in the event of any unforeseen difficulties arising during the execution of the contract that could have been foreseen by a thorough investigation of the				
	<u>General</u>				
	The contractor shall carry out the whole of the The Works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants/occupants. He/She shall provide proper protection and provide, erect and maintain in position proper temporary tarpaulins that may be necessary to protect existing fixtures, fittings and furniture during the progress of the works and remove on completion or when directed, all to the satisfaction of the Project Manager/Principal Agent				
	Water supply pipes and other piping 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 Project Manager/Principal Agent				
	Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before re-fixing, including taking off, easing and re-hanging, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-				
	Prices for taking out doors, windows, etc. shall include for removal of all beads, architraves, ironmongery, etc				
	Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc. and making good floor and wall finishes to match existing				
	With regards to building up of openings in existing walls, cement screeds and paving, granolithic, tops of walls, etc. shall be levelled and prepared for raising of bricwork				
	Making good finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary				

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (Doors, windows, fittings, etc)				
	<b><u>TEMPORARY BARRIERS, SCREENS ETC</u></b>				
<b>1,1</b>	<b><u>Temporary barriers, screens, etc including removal</u></b>				
1.1.1	Half brick barrier wall 3000mm high including cement plaster and two coats interior quality PVA emulsion paint on one side.	m	1		-
1.1.2	Dust screen 3000mm high between concrete floor and ceiling formed of suitable timber framing with 250 micron polyethylene sheeting stapled on including corners, ends, etc.	m	1		-
1.1.3	Dust screen 3600mm high between concrete floor and ceiling formed of suitable timber framing with 250 micron polyethylene sheeting stapled on including corners, ends, etc.	m	1		-
1.1.4	Drywall barrier 3000mm high formed of galvanised steel channel section rails and studs covered on one side with 12,7mm gypsum board panels and finished with two coats interior quality PVA emulsion paint on one side including corners, ends, etc.	m	1		-
1.1.5	Drywall barrier 3600mm high formed of galvanised steel channel section rails and studs covered on one side with 12,7mm gypsum board panels and finished with two coats interior quality PVA emulsion paint on one side including corners, ends, etc.	m	1		-
	<b><u>REMOVAL OF EXISTING WORK</u></b>				
<b>1,2</b>	<b><u>Break up and removing mass concrete</u></b>				
1.2.1	Steps	m <sup>3</sup>	1		-
1.2.2	85mm thick surface bed	m <sup>2</sup>	1		-
1.2.3	150mm thick surface bed	m <sup>2</sup>	1		-
<b>1,3</b>	<b><u>Break up and removing reinforced concrete including cutting off and removing reinforcement</u></b>				
1.3.1	Steps and landings	m <sup>3</sup>	1		-
1.3.2	Beams	m <sup>3</sup>	1		-

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.3.3	Columns	m <sup>3</sup>	1		
1.3.4	250mm thick slabs	m <sup>2</sup>	1		
1.3.5	Opening through 250mm thick slab not exceeding 2,5m <sup>2</sup>	no	1		
<b>1,4</b>	<b><u>Breaking down and removing brickwork etc.</u></b>				
1.4.1	Mass brickwork	m <sup>3</sup>	1		
1.4.2	Half brick wall	m <sup>2</sup>	1		
1.4.3	One brick wall	m <sup>2</sup>	1		
1.4.4	One and a half brick wall	m <sup>2</sup>	1		
1.4.5	280mm Hollow walls of two half brick skins	m <sup>2</sup>	1		
<b>1.5</b>	<b><u>Taking out and removing doors, windows, etc. from brickwork to be demolished</u></b>				
1.5.1	Timber single door and frame not exceeding 2,5m <sup>2</sup>	no	1		
1.5.2	Timber double door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup>	no	1		
1.5.3	Timber single door and steel frame not exceeding 2,5m <sup>2</sup>	no	1		
1.5.4	Timber double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup>	no	1		
1.5.5	Timber single door not exceeding 2,5m <sup>2</sup>	no	1		
1.5.6	Timber double door exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup>	no	1		
1.5.7	Steel single door and steel frame not exceeding 2,5m <sup>2</sup>	no	1		
1.5.8	Steel double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup>	no	1		
1.5.9	Glazed timber window not exceeding 2,5m <sup>2</sup>	no	1		
1.5.10	Glazed timber window exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup>	no	1		
1.5.11	Glazed steel window not exceeding 2,5m <sup>2</sup>	no	1		
1.5.12	Glazed steel window exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup>	no	1		
1.5.13	Glazed aluminium window not exceeding 2,5m <sup>2</sup>	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.5.14	Glazed aluminium window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup>	no	1		
<b>1,6</b>	<b><u>Taking out and removing doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere)</u></b>				
1.6.1	Timber single door and frame not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.6.2	Timber single door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half or one brick wall	no	1		
1.6.3	Timber double door and frame not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.6.4	Timber double door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half or one brick wall	no	1		
1.6.5	Timber single door and steel frame not exceeding 2,5m <sup>2</sup> from half brick wall	no	1		
1.6.6	Timber single door and steel frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.6.7	Timber double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half brick wall	no	1		
1.6.8	Timber double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.6.9	Steel single door and frame not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.6.10	Steel double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half brick wall	no	1		
1.6.11	Steel double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.6.12	Glazed timber window not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.6.13	Glazed timber window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> from half or one brick wall	no	1		
1.6.14	Glazed steel window not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.6.15	Glazed steel window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> from half or one brick wall	no	1		
1.6.16	Glazed aluminium window not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.6.17	Glazed aluminium window exceeding 2,5m <sup>2</sup> and not exceeding 5,0 m <sup>2</sup> from half or one brick wall	no	1		
<b>1.7</b>	<b><u>Taking out doors, windows, etc. including thresholds, sills, etc. and setting aside for re-use (refixing and building up openings elsewhere)</u></b>				
1.7.1	Timber single door and frame not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.7.2	Timber single door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half or one brick wall	no	1		
1.7.3	Timber single door and steel frame not exceeding 2,5m <sup>2</sup> from half brick wall	no	1		
1.7.4	Timber single door and steel frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.7.5	Timber double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half brick wall	no	1		
1.7.6	Timber double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.7.7	Steel single door and steel frame not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.7.9	Steel double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half brick wall	no	1		
1.7.10	Steel double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.7.11	Aluminium single door and frame not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.7.12	Aluminium single door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half or one brick wall	no	1		
1.7.13	Aluminium double door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half brick wall	no	1		
1.7.14	Aluminum double door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.7.15	Glazed timber window not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.7.16	Glazed timber window exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half or one brick wall	no	1		
1.7.17	Glazed steel window not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.7.18	Glazed steel window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> from half or one brick wall	no	1		
1.7.19	Glazed aluminium window not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.7.20	Glazed aluminium window exceeding 2,5m <sup>2</sup> and not exceeding 5.0 m <sup>2</sup> from half or one brick wall	no	1		
1.7.21	Steel roller shutter door not exceeding 2,5m <sup>2</sup> from half or one brick wall	no	1		
1.7.22	Steel roller shutter door exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> from half or one brick wall	no	1		
1.7.23	Steel roller shutter door exceeding 5.0m <sup>2</sup> from half or one brick wall	no	1		
1,8	<b><u>Taking out and removing doors, windows, etc. including thresholds, sills, etc. and building up openings in brick walls including making good cement plaster on both sides (making good paintwork elsewhere).</u></b>				
1.8.1	Timber single door and frame not exceeding 2,5m <sup>2</sup> from half brick wall	no	1		
1.8.2	Timber single door and frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.8.3	Timber single door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half brick wall	no	1		
1.8.4	Timber single door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.8.5	Timber single door and steel frame not exceeding 2,5m <sup>2</sup> from half brick wall	no	1		
1.8.6	Timber single door and steel frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.8.7	Timber double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half brick wall	no	1		
1.8.8	Timber double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.8.9	Steel single door and steel frame not exceeding 2,5m <sup>2</sup> from half brick wall	no	1		
1.8.10	Steel single door and steel frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.8.11	Steel double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half brick wall	no	1		
1.8.12	Steel double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.8.13	Aluminium single door and frame not exceeding 2,5m <sup>2</sup> from half brick wall	no	1		
1.8.14	Aluminium single door and frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.8.15	Aluminium double door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from half brick wall	no	1		
1.8.16	Aluminium double door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.8.17	Glazed timber window not exceeding 2,5m <sup>2</sup> from half brick wall	no	1		
1.8.18	Glazed timber window not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.8.19	Glazed timber window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> from half brick wall	no	1		
1.8.20	Glazed timber window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> from one brick wall	no	1		
1.8.21	Glazed steel window not exceeding 2,5m <sup>2</sup> from half brick wall	no	1		
1.8.22	Glazed steel window not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.8.23	Glazed steel window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> from half brick wall	no	1		
1.8.24	Glazed steel window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> from one brick wall	no	1		
1.8.25	Glazed aluminium window not exceeding 2,5m <sup>2</sup> from half brick wall	no	1		
1.8.26	Glazed aluminium window not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.8.27	Glazed aluminium window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> from half brick wall	no	1		
1.8.28	Glazed aluminium window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> from one brick wall	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.8.29	Timber shopfront exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.8.30	Timber shopfront exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
<b>1,9</b>	<b><u>Taking out and removing doors, windows, etc. including thresholds, sills, etc. and building up openings in brick walls including making good face brickwork on one side and cement plaster on other side (making good paintwork elsewhere).</u></b>				
1.9.1	Timber single door and frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.9.2	Timber single door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.9.3	Timber single door and steel frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.9.4	Timber double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.9.5	Steel single door and steel frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.9.6	Steel double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.9.7	Glazed timber window not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.9.8	Glazed timber window exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.9.9	Glazed steel window not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.9.10	Glazed steel window exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.9.11	Glazed aluminium window not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.9.12	Glazed aluminium window exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
<b>1,10</b>	<b><u>Taking out and removing doors, windows, etc. including thresholds, sills, etc. and building up openings in brick walls including making good face brickwork on both side.</u></b>				
1.10.1	Timber single door and frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		



**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.10.2	Timber single door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.10.3	Timber single door and steel frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.10.4	Timber single door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.10.5	Timber double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.10.6	Steel single door and steel frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.10.7	Steel single door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.10.8	Steel double door and steel frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.10.9	Aluminium single door and frame not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.10.10	Aluminium single door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.10.11	Aluminium double door and frame exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.10.12	Glazed timber window not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.10.13	Glazed timber window exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
1.10.14	Glazed steel window not exceeding 2,5m <sup>2</sup> from one brick wall	no	1		
1.10.15	Glazed steel window exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup> from one brick wall	no	1		
<b>1,11</b>	<b><u>Refixing of existing doors, windows, etc. (removal and setting aside elsewhere)</u></b>				
1.11.1	Setting up and building in timber door frame 813x2032mm high in brickwork, rehanging single door on new 100mm brass hinges and replacing lock with four lever mortice lock	no	1		
1.11.2	Setting up and building in steel door frame 813x2032mm high in brickwork, re-hanging single door and replacing lock with four lever mortice lock	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.11.3	Setting up and building in steel door frame 813x2032mm high, including fanlight 813x305mm high in brickwork, rehang single door and replacing lock with four lever mortice lock	no	1		
1.11.4	Setting up and building in timber double door frame 1600x2032mm high in brickwork, rehang double door on new 100mm brass hinges and replacing lock with four lever mortice lock including rebated conversion set	no	1		
1.11.5	Setting up and building in steel double door frame 1600x2032mm high, including fanlight 1600x305mm high in brickwork, rehang double door and replacing lock with four lever mortice lock including rebated conversion set	no	1		
1.11.6	Setting up steel window not exceeding 1,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm clear float glass	no	1		
1.11.7	Setting up wooden window not exceeding 1,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm clear float	no	1		
1.11.8	Setting up steel window not exceeding 1,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm patterned glass	no	1		
1.11.9	Setting up wooden window not exceeding 1,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm patterned	no	1		
1.11.12	Setting up steel window exceeding 1,0m <sup>2</sup> and not exceeding 2,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm clear float glass	no	1		
1.11.13	Setting up wooden window exceeding 1,0m <sup>2</sup> and not exceeding 2,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm clear float glass	no	1		
1.11.14	Setting up steel window exceeding 1,0m <sup>2</sup> and not exceeding 2,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm patterned glass	no	1		
1.11.15	Setting up wooden window exceeding 1,0m <sup>2</sup> and not exceeding 2,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm patterned glass	no	1		
1.11.16	Setting up steel window exceeding 2,0m <sup>2</sup> and not exceeding 3,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm clear float glass	no	1		
1.11.17	Setting up wooden window exceeding 2,0m <sup>2</sup> and not exceeding 3,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm clear float glass	no	1		
1.11.18	Setting up steel window exceeding 2,0m <sup>2</sup> and not exceeding 3,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm patterned glass	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.11.19	Setting up wooden window exceeding 2,0m <sup>2</sup> and not exceeding 3,0m <sup>2</sup> in brickwork and replacing any broken glass panes with 4mm patterned glass	no	1		
	<b><u>Removing, cutting and refixing of door to specified heights as per site condition, eg: tile and floor covering</u></b>				
1.11.20	Single wooden door 813 x2032mm high	no	1		
1.11.21	Double wooden door 1600x2032mm high	no	1		
1.11.22	Single alluminium glass door 813 x2032mm high	no	1		
1.11.23	Double alluminium door 1600x2032mm high	no	1		
<b>1,12</b>	<b><u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc.</u></b>				
1.12.1	Corrugate sheet iron roof covering, valley linings, ridge flashings and timber purlins	m <sup>2</sup>	1		
1.12.2	Concrete, Harveytile sheet iron tile, slate, thatch, etc. roof covering, valley linings, ridge, hip cappings, flashings and timber brandering,purlins, etc.	m <sup>2</sup>	1		
1.12.3	Pitched corrugated iron roof 10000 x 10000 by not exceeding 2000mm high overall including roof covering, timber trusses, ceilings and cornices, eaves soffit covering, fascias, barge boards, gutters and rainwater pipes	no	1		
1.12.4	Timber rafters, beams, etc	m	1		
1.12.5	Tongued and grooved timber suspended floor including skirting, joists, bearers, etc	m <sup>2</sup>	1		
1.12.6	Gypsum plasterboard ceilings including cornices, timber brandering, etc	m <sup>2</sup>	1		
1.12.7	Flush plastered gypsum plasterboard suspended ceilings, including cornices, suspension grid, hangers, etc.	m <sup>2</sup>	1		
1.12.8	Flush plastered gypsum plasterboard bulkheads, including cornices, suspension grid, hangers, etc.	m <sup>2</sup>	1		
1.12.9	Wood panel bulkheads, including cornices, suspension grid, hangers, etc.	m <sup>2</sup>	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.12.10	Acoustic tiles suspended ceiling including suspension grid, hangers, etc	m <sup>2</sup>	1		
1.12.11	Acoustic tiles suspended ceiling only	m <sup>2</sup>	1		
1.12.12	Drywall partitioning 3000mm high including doors, ironmongery, glazed borrowed lights, etc	m	1		
1.12.13	Carefully cut out rusted or damaged roof sheeting	m <sup>2</sup>	1		
<b>1.12.13</b>	<b><u>Taking down and removing rainwater goods</u></b>				
1.12.13a	100 x 125mm Box gutters including downpipes	m	1		
<b>1.13</b>	<b><u>Taking out and removing sundry joinery work</u></b>				
1.13.1	Timber cornices from brickwork	m	1		
1.13.2	Timber skirting from brickwork	m	1		
1.13.3	Timber or asbestos cement sills from brickwork	m	1		
1.13.4	Timber or asbestos cement fascias and barge boards	m	1		
<b>1.14</b>	<b><u>Taking out and removing joinery fittings etc</u></b>				
1.14.1	Timber wall cupboard 600 x 300 x 900mm high	no	1		
1.14.2	Timber wall cupboard 900 x 300 x 900mm high	no	1		
1.14.3	Timber wall cupboard 1200 x 300 x 900mm high	no	1		
1.14.4	Timber floor cupboard 600 x 600 x 900mm high	no	1		
1.14.5	Timber floor cupboard 900 x 600 x 900mm high	no	1		
1.14.6	Timber floor cupboard 1200 x 600 x 900mm high	no	1		
1.14.7	Timber sink cupboard 900 x 600 x 900mm high including disconnecting waste pipe and taps	no	1		
1.14.8	Timber sink cupboard 1200 x 600 x 900mm high including disconnecting waste pipe (new trap and connecting to new waste pipe elsewhere)	no	1		
1.14.9	Timber sink cupboard 1800 x 600 x 900mm high including disconnecting waste pipe (new trap and connecting to new waste pipe elsewhere)	no	1		
1.14.10	Timber counter 1200 x 600 x 900mm high	no	1		
1.14.11	Timber counter 1600 x 600 x 900mm high	no	1		
1.14.12	Timber counter 1800 x 600 x 900mm high	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.14.13	Timber counter 2400 x 600 x 900mm high	no	1		
<b>1,15</b>	<b><u>Taking out and removing joinery fittings etc, setting aside for re-use and later refixing in new position</u></b>				
1.15.1	Timber wall cupboard 600 x 300 x 900mm high	no	1		
1.15.2	Timber wall cupboard 900 x 300 x 900mm high	no	1		
1.15.3	Timber wall cupboard 1200 x 300 x 900mm high	no	1		
1.15.4	Timber floor cupboard 600 x 600 x 900mm high	no	1		
1.15.5	Timber floor cupboard 900 x 600 x 900mm high	no	1		
1.15.6	Timber floor cupboard 1200 x 600 x 900mm high	no	1		
1.15.7	Timber sink cupboard 900 x 600 x 900mm high including disconnecting waste pipe and taps	no	1		
1.15.8	Timber sink cupboard 1200 x 600 x 900mm high including disconnecting waste pipe (new trap and connecting to new waste pipe elsewhere)	no	1		
1.15.9	Timber sink cupboard 1800 x 600 x 900mm high including disconnecting waste pipe (new trap and connecting to new waste pipe elsewhere)	no	1		
1.15.10	Timber counter 1200 x 600 x 900mm high	no	1		
1.15.11	Timber counter 1600 x 600 x 900mm high	no	1		
1.15.12	Timber counter 1800 x 600 x 900mm high	no	1		
1.15.13	Timber counter 2400 x 600 x 900mm high	no	1		
<b>1,16</b>	<b><u>Take up and remove wooden wall paneling, vinyl wall covering, wall carpeting, waterproofing, etc.</u></b>				
1.16.1	Wood panels including preparing walls for new finishes.	m <sup>2</sup>	1		
1.16.2	Vinyl wall covering including preparing walls for new finishes.	m <sup>2</sup>	1		
1.16.3	Carpet wall covering including preparing walls for new finishes.	m <sup>2</sup>	1		

**CONTRACT.8/2/2/445...: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

1.16.4 Derbigum waterproofing from vertical roof sheeting, walls, etc. m<sup>2</sup> 1

**BILL NO.1**

1,17

Take up and remove wood block floor covering, vinyl floor covering, carpeting, waterproofing, etc.

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.17.1	Wood block floor covering including preparing screed for new floor covering.	m²	1		
1.17.2	Vinyl tile floor covering including preparing screed for new floor covering.	m²	1		
1.17.3	Vinyl sheet floor covering with welded joints including preparing screed for new floor covering.	m²	1		
1.17.4	Carpet tile floor covering including preparing screed for floor	m²	1		
1.17.5	Carpet sheet floor covering including preparing screed for floor covering	m²	1		
1.17.6	Derbigum waterproofing from roof sheeting, wood flooring,	m²	1		
<b>1,18</b>	<b><u>Taking out and removing ironmongery</u></b>				
1.18.1	Mortice lock and striking plate from timber door and steel frame	no	1		
1.18.2	Mortice lock and striking plate from timber door and wooden frame	no	1		
1.18.3	Mortice lock and rebate conversion set from timber doors	no	1		
1.18.4	Mortice lock and rebate conversion set from steel doors	no	1		
1.18.5	Metal striking plate from steel door frame	no	1		
1.18.6	Metal striking plate from timber door frame	no	1		
1.18.7	Overhead door closer	no	1		
1.18.8	150mm Metal cabin hook and eye including chamfered hardwood block	no	1		
1.18.9	Chromium plated towel rail not exceeding 1000mm long	no	1		
1.18.10	Chromium plated toilet roll holder	no	1		
1.18.11	Chromium plated hat and coat hook	no	1		
1.18.12	Side hung window catch	no	1		
1.18.13	Side or top hung window stay	no	1		

**1,19**

1.19.1

**CONTRACT.8/2/2/445...: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**  
1.19.2

**Taking out/off and removing sundry metalwork**

Steel pipe handrail from walls including making good plaster finish	m	1
Steel balustrade 900mm high from concrete stairs including making good granolithic finish to kerb	m	1



**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.19.3	Steel staircase comprising two flights and one landing, 3.5x2.00m overall on plan and rising 3.20m, including supporting columns, balustrades, etc	no	1		
1.19.4	Steel wire mesh burglar proofing not exceeding 1,0m <sup>2</sup> bolted to brickwork and making good face brickwork	no	1		
1.19.5	Steel wire mesh burglar proofing exceeding 1,0m <sup>2</sup> and not exceeding 2,0m <sup>2</sup> bolted to brickwork and making good face brickwork	no	1		
1.19.6	Steel wire mesh burglar proofing exceeding 2,0m <sup>2</sup> and not exceeding 3,0m <sup>2</sup> bolted to brickwork and making good face brickwork	no	1		
1.19.7	Steel single leaf security gate not exceeding 2,5m <sup>2</sup>	no	1		
1.19.8	Steel double leaf security gate exceeding 2,5m <sup>2</sup> and not exceeding 5,0m <sup>2</sup>	no	1		
1.19.9	Sheet metal eaves gutters and rainwater down pipes	m	1		
<b>1,20</b>	<b><u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u></b>				
1.20.1	30mm Granolithic from floors	m <sup>2</sup>	1		
1.20.2	30mm Granolithic from treads and risers of stairs	m <sup>2</sup>	1		
1.20.3	Granolithic skirting 100mm high	m	1		
1.20.4	30mm Screed from floors	m <sup>2</sup>	1		
1.20.5	Internal plaster from walls and columns	m <sup>2</sup>	1		
1.20.6	Internal plaster from ceilings and beams	m <sup>2</sup>	1		
1.20.7	External plaster from walls, columns and beams	m <sup>2</sup>	1		
<b>1,21</b>	<b><u>Hacking up/off and removing ceramic tile floor and wall finishers including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishers</u></b>				
1.21.1	Tiles to floors	m <sup>2</sup>	1		
1.21.2	Tiles to treads and risers of stairs	m <sup>2</sup>	1		

1.21.3

BILL NO:1

1.21.4

Tile skirting 100mm high

m

1

Sandblasting to finished surfaces

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.21.5	Wall plaster	m <sup>2</sup>	1		
1.21.6	Floor screeds	m <sup>2</sup>	1		
	<b><u>Taking out and cleaning</u></b>				
1.21.7	Expansion joints not exceeding 300mm deep and prepare to rec	m	1		
	<b><u>Scraping off paint in bad conditions and prepare for new paint</u></b>				
1.21.8	On plaster	m2	1		
1.21.9	On gamma zenith	m2	1		
1.21.10	On Ceilings	m2	1		
1.21.11	On Metal roofs, doors, frames, etc	m2	1		
1.21.12	On Wood	m2	1		
	<b><u>IN HERITAGE BUILDINGS - Scraping off paint in bad conditions and prepare for new paint</u></b>				
1.21.12	On plaster	m2	1		
1.21.13	On gamma zenith	m2	1		
1.21.14	On Ceilings	m2	1		
1.21.15	On Metal roofs, doors, frames, etc	m2	1		
1.21.16	On Wood	m2	1		
1,22	<b><u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u></b>				
1.22.1	110mm PVC piping including fittings and brackets	m	1		
1.22.2	75mm PVC piping including fittings and brackets	m	1		
1.22.3	75mm Galvanised steel piping including fittings and brackets	m	1		
1.22.4	25mm Galvanised steel piping including fittings and brackets	m	1		
1.22.5	40mm Galvanised steel piping including fittings and brackets	m	1		
1.22.6	110mm Cast Iron piping including fittings and brackets	m	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.22.8	22mm Copper piping including fittings and brackets	m	1		
1.22.9	32mm Copper piping including fittings and brackets	m	1		
1.22.10	Stainless steel wash hand basin	no	1		
1.22.11	Stainless steel sink and drainer on timber cupboard 900 x 600 x 900mm high	no	1		
1.22.12	Stainless steel sink and drainer on timber cupboard 1200 x 600 x 900mm high	no	1		
1.22.13	Stainless steel sink and drainer on timber cupboard 1800 x 600 x 900mm high	no	1		
1.22.14	Stainless steel wash trough 1200 x 600 x 900mm high	no	1		
1.22.15	Precast concrete wash trough 1200 x 600 x 900mm high	no	1		
1.22.16	Vitreous china high level urinal cistern	no	1		
1.22.17	Vitreous china wash hand basin	no	1		
1.22.18	Vitreous china WC pan and cistern	no	1		
1.22.19	Vitreous china WC pan and high level cistern	no	1		
1.22.20	Vitreous china WC pan with flush valve	no	1		
1.22.21	Vitreous china wall hung urinal with flush valve	no	1		
1.22.22	Vitreous china urinal 1200 x 1500mm high including breaking up and removing 400mm wide concrete urinal step	no	1		
1.22.23	Vitreous china urinal 1200 x 1500mm high and high level cistern including breaking up and removing 400mm wide concrete urinal step	no	1		
1.22.24	Stainless steel urinal 900 x 1500mm high including breaking up and removing 400mm wide concrete urinal step	no	1		
1.22.25	Stainless steel high level urinal cistern	no	1		
1.22.26	Stainless steel urinal 900 x 1500mm high and high level cistern including breaking up and removing 400mm wide concrete	no	1		

**CONTRACT.8/2/2/445...: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
urinal step

**BILL NO.1**

1.22.27	Stainless steel urinal 1200 x 1500mm high including breaking up and removing 400mm wide concrete urinal step	no	1		
---------	--	----	---	--	--

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.22.28	Stainless steel urinal 1200 x 1500mm high and high level cistern including breaking up and removing 400mm wide concrete urinal step	no	1		
1.22.29	Stainless steel urinal 1800 x 1500mm high including breaking up and removing 400mm wide concrete urinal step	no	1		
1.22.30	Stainless steel urinal 1800 x 1500mm high and high level cistern including breaking up and removing 400mm wide concrete urinal step	no	1		
<b>1,23</b>	<b><u>Taking out and removing glass and mirrors</u></b>				
1.23.1	Glass from steel windows including cleaning out rebates and preparing for new glass	m <sup>2</sup>	1		
1.23.2	Glass from timber windows with beads including cleaning out rebates and preparing for new glass	m <sup>2</sup>	1		
1.23.3	Mirror from wall	m <sup>2</sup>	1		
1.23.4	Mirror from wall, including making good tiling	m <sup>2</sup>	1		
1.23.5	Stainless steel sheet mirror	m <sup>2</sup>	1		
<b>1,24</b>	<b><u>CUTTING THROUGH FLOORS AND CEILINGS</u></b>				
1.24.1	Cutting through 100mm thick concrete surface bed for 460mm wide concrete wall footing including making good concrete on both sides of new half brick wall.	m	1		
1.24.2	Cutting through 100mm thick concrete surface bed for 700mm wide concrete wall footing including making good concrete on both sides of new one brick wall.	m	1		
1.24.3	Cutting through gypsum ceiling and brandering for half brick wall including making good on both sides of wall (new cornices elsewhere)	m	1		
1.24.4	Cutting through gypsum ceiling and brandering for one brick wall including making good on both sides of wall (new cornices elsewhere)	m	1		
1.24.5	Cutting through "Nutec" fibre-cement ceiling and brandering for half brick wall including making good on both sides of wall (new cornices elsewhere)	m	1		
1.24.6	Cutting through "Nutec" fibre-cement ceiling and brandering for one brick wall including making good on both sides of wall (new cornices elsewhere)	m	1		

**BUILDING UP OPENINGS**

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Brickwork in NFP bricks in class II mortar in building up</b>					
<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>1,25</b>					
1.25.1	Half brick walls	m <sup>2</sup>	1		
1.25.2	One brick walls	m <sup>2</sup>	1		
1.25.3	280mm Cavity wall of two half brick skins	m <sup>2</sup>	1		
1.25.4	One and half brick walls	m <sup>2</sup>	1		
<b>1,26</b>	<b><u>Sundries</u></b>				
1.26.1	Cutting toothing and bonding new brickwork to existing	m <sup>2</sup>	1		
<b>1,27</b>	<b><u>Face brick pointed with flush or recessed horizontal and vertical joints</u></b>				
1.27.1	Extra over brickwork for face brickwork in patches (PC R3,000.00 for Face brick)	m <sup>2</sup>	1		
1.27.2	230mm wide brick-on-edge header course lintel	m	1		
1.27.3	230mm wide brick-on-edge header course sill set sloping and slightly projecting	m	1		
1.27.4	Cutting toothing and bonding new face brickwork to existing	m	1		
	<b><u>PREPARATORY WORK TO EXISTING SURFACES</u></b>				
<b>1,28</b>	<b><u>Preparatory work to existing surfaces</u></b>				
1.28.1	Cutting out joints of existing brickwork to receive plaster.	m <sup>2</sup>	1		
1.28.2	Hacking face of existing concrete columns, beams, etc to receive plaster	m <sup>2</sup>	1		
1.28.3	Hacking face of existing face brickwork to receive plaster	m <sup>2</sup>	1		
1.28.4	Making good defects in existing screeded floors with "Pavelite"	m <sup>2</sup>	1		
1.28.5	Chasing existing brick / concrete walls	m	1		
	<b><u>MAKING GOOD OF FINISHES ETC.</u></b>				
<b>1,29</b>	<b><u>Making good of finishes etc.</u></b>				
1.29.1	Making good brickwork at ends of half brick wall	m	1		

**CONTRACT.8/2/2/445...: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

1.29.2	Making good brickwork at ends of one brick wall	m	1
--------	---	---	---

**BILL NO.1**

1.29.3	Making good brickwork at ends of one and half brick wall	m	1
--------	--	---	---



**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.29.4	Making good brickwork to face of wall where half brick cross wall removed	m	1		
1.29.5	Making good brickwork to face of wall where one brick cross wall removed	m	1		
1.29.6	Making good brickwork to face of wall where one and half brick cross wall removed	m	1		
1.29.7	Making good face brickwork at ends of half brick wall	m	1		
1.29.8	Making good face brickwork at ends of one brick wall	m	1		
1.29.9	Making good face brickwork at ends of one and half brick wall	m	1		
1.29.10	Making good face brickwork to face of wall where half brick cross wall removed	m	1		
1.29.11	Making good face brickwork to face of wall where one brick cross wall removed	m	1		
1.29.12	Making good face brickwork to face of wall where one and half brick cross wall removed	m	1		
<b>1,30</b>	<b><u>Making good "Rhino" gypsum board ceiling and brandering.</u></b>				
1.30.1	Ceilings in patches	m <sup>2</sup>	1		
1.30.2	Ceilings where half brick walls removed	m	1		
1.30.3	Ceilings where one brick walls removed	m	1		
1.30.4	Ceilings where one and half brick walls removed	m	1		
<b>1,31</b>	<b><u>Making good "Nutek" fibre-cement board ceiling and brandering.</u></b>				
1.31.1	Ceilings in patches	m <sup>2</sup>	1		
1.31.2	Ceilings where half brick walls removed	m	1		
1.31.3	Ceilings where one brick walls removed	m	1		
1.31.4	Ceilings where one and half brick walls removed	m	1		
<b>1,32</b>	<b><u>Making good 300x300x2,0mm Vinyl floor tiles</u></b>				
1.32.1	Floors in patches	m <sup>2</sup>	1		
1.32.2	Floors where partitions removed	m	1		
1.32.3	Floors where half brick walls removed	m	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.32.4	Floors where one brick walls removed	m	1		
1.32.5	Floors where one and half brick walls removed	m	1		
<b>1,33</b>	<b><u>Making good 2,0mm "Superflex" fully flexible vinyl sheeting</u></b>				
1.33.1	Floors in patches	m <sup>2</sup>	1		
1.33.2	Floors where partitions removed	m	1		
1.33.3	Floors where half brick walls removed	m	1		
1.33.4	Floors where one brick walls removed	m	1		
1.33.5	Floors where one and half brick walls removed	m	1		
<b>1,34</b>	<b><u>Making good 2,5mm "Superflex" fully flexible vinyl sheeting</u></b>				
1.34.1	Floors in patches	m <sup>2</sup>	1		
1.34.2	Floors where partitions removed	m	1		
1.34.3	Floors where half brick walls removed	m	1		
1.34.4	Floors where one brick walls removed	m	1		
1.34.5	Floors where one and half brick walls removed	m	1		
<b>1,35</b>	<b><u>Making good 3,5mm "Industrial floor" flexible vinyl sheeting</u></b>				
1.35.1	Floors in patches	m <sup>2</sup>	1		
1.35.2	Floors where partitions removed	m	1		
1.35.3	Floors where half brick walls removed	m	1		
1.35.4	Floors where one brick walls removed	m	1		
1.35.5	Floors where one and half brick walls removed	m	1		
<b>1,36</b>	<b><u>Making good untinted granolithic</u></b>				
1.36.1	Floors in patches	m <sup>2</sup>	1		
1.36.2	Floors where partitions removed	m	1		
1.36.3	Floors where half brick walls removed	m	1		
1.36.4	Floors where one brick walls removed	m	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.36.5	Floors where one and half brick walls removed	m	1		
1.36.6	Floor structural cracks not exceeding 300mm wide and 300mm deep with "Duraquatz" sealant including hacking, saw-cutting, structural anchoring and support.	m	1		
<b>1,37</b>	<b><u>Making good screed and 300x300x2,0mm Vinyl floor tiles</u></b>				
1.37.1	Floors in patches	m <sup>2</sup>	1		
1.37.2	Floors where partitions removed	m	1		
1.37.3	Floors where half brick walls removed	m	1		
1.37.4	Floors where one brick walls removed	m	1		
1.37.5	Floors where one and half brick walls removed	m	1		
<b>1,38</b>	<b><u>Making good screed and 2,0mm "Superflex" fully flexible vinyl sheeting</u></b>				
1.38.1	Floors in patches	m <sup>2</sup>	1		
1.38.2	Floors where partitions removed	m	1		
1.38.3	Floors where half brick walls removed	m	1		
1.38.4	Floors where one brick walls removed	m	1		
1.38.5	Floors where one and half brick walls removed	m	1		
<b>1,39</b>	<b><u>Making good screed and 2,5mm "Superflex" fully flexible vinyl sheeting</u></b>				
1.39.1	Floors in patches	m <sup>2</sup>	1		
1.39.2	Floors where partitions removed	m	1		
1.39.3	Floors where half brick walls removed	m	1		
1.39.4	Floors where one brick walls removed	m	1		
1.39.5	Floors where one and half brick walls removed	m	1		
<b>1,40</b>	<b><u>Making good screed and 3,5mm "Industrial floor" flexible vinyl sheeting</u></b>				
1.40.1	Floors in patches	m <sup>2</sup>	1		
1.40.2	Floors where partitions removed	m	1		
1.40.3	Floors where half brick walls removed	m	1		
1.40.4	Floors where one brick walls removed	m	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.40.5	Floors where one and half brick walls removed	m	1		
<b>1,41</b>	<b><u>Making good internal cement plaster.</u></b>				
1.41.1	Walls in patches	m <sup>2</sup>	1		
1.41.2	Walls where half brick walls removed.	m	1		
1.41.3	Walls where one brick walls removed.	m	1		
1.41.4	Walls where one and half brick walls removed.	m	1		
1.41.5	Concrete ceilings in patches	m <sup>2</sup>	1		
1.41.6	Concrete ceilings where half brick walls removed	m	1		
1.41.7	Concrete ceilings where one brick walls removed	m	1		
1.41.8	Concrete ceilings where one and half brick walls removed	m	1		
1.41.9	Making good of chased walls	m	1		
<b>1,42</b>	<b><u>Making good internal cement plaster including chicken mesh spiked to (bases) walls.</u></b>				
1.43.1	Walls in patches	m <sup>2</sup>	1		
1.43.2	Walls where half brick walls removed.	m	1		
1.43.3	Walls where one brick walls removed.	m	1		
1.43.4	Walls where one and half brick walls removed.	m	1		
1.43.5	Concrete ceilings in patches	m <sup>2</sup>	1		
1.43.6	Concrete ceilings where half brick walls removed	m	1		
1.43.7	Concrete ceilings where one brick walls removed	m	1		
1.43.8	Concrete ceilings where one and half brick walls removed	m	1		
1.43.9	In scum channels not exceeding 300mm wide	m	1		
<b>1,44</b>	<b><u>Making good internal two coat plaster with gypsum finish</u></b>				
1.44.1	Walls in patches	m <sup>2</sup>	1		
1.44.2	Walls where half brick walls removed.	m	1		
1.44.3	Walls where one brick walls removed.	m	1		
1.44.4	Walls where one and half brick walls removed.	m	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.44.5	Concrete ceilings in patches	m <sup>2</sup>	1		
1.44.6	Concrete ceilings where half brick walls removed	m	1		
1.44.7	Concrete ceilings where one brick walls removed	m	1		
1.44.8	Concrete ceilings where one and half brick walls removed	m	1		
<b>1,45</b>	<b><u>Making good external cement plaster.</u></b>				
1.45.1	Walls in patches	m <sup>2</sup>	1		
1.45.2	Walls where half brick walls removed.	m	1		
1.45.3	Walls where one brick walls removed.	m	1		
1.45.4	Walls where one and half brick walls removed.	m	1		
<b>1,46</b>	<b><u>Making good external cement plaster including chicken mesh spiked to (bases) walls.</u></b>				
1.46.1	Walls in patches	m <sup>2</sup>	1		
1.46.2	Walls where half brick walls removed.	m	1		
1.46.3	Walls where one brick walls removed.	m	1		
1.46.4	Walls where one and half brick walls removed.	m	1		
<b>1,47</b>	<b><u>Making good 200x200x4mm white glazed ceramic tiles</u></b>				
1.47.1	Walls in patches	m <sup>2</sup>	1		
1.47.2	Walls where half brick walls removed.	m	1		
1.47.3	Walls where one brick walls removed.	m	1		
1.47.4	Walls where one and half brick walls removed.	m	1		
	<b><u>OPENINGS THROUGH EXISTING WALLS, ETC.</u></b>				
<b>1,48</b>	<b><u>Altering openings</u></b>				
1.48.1	Altering opening in half brick wall where 813 x 2032mm high steel combination door and steel frame removed to form opening for new single door and frame 813 x 2337mm high overall by breaking out brickwork including necessary precast concrete lintel and making good plaster on both sides and into reveals with concrete threshold with steel trowelled finish (new door and frame and making good paintwork elsewhere)	no	1		

**CONTRACT.8/2/2/445...: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.48.2	Altering opening in half brick wall where 813 x 2032mm high timber door and steel frame removed to form opening for new single door and frame 813 x 2337mm high overall by breaking out brickwork including necessary precast concrete lintel and making good plaster on both sides and into reveals with concrete threshold with steel trowelled finish (new door and frame and making good paintwork elsewhere)	no	1		
1.48.3	Altering opening in one brick wall where 813 x 2032mm high steel combination door and frame removed to form opening for new single door and frame 813 x 2337mm high overall by breaking out brickwork on both sides including necessary precast concrete lintel and making good plaster on both sides and into reveals with concrete threshold with steel trowelled finish (new door and frame and making good paintwork elsewhere)	no	1		
1.48.4	Altering opening in one brick wall where 813 x 2032mm high timber door and steel frame removed to form opening for new single door and frame 813 x 2337mm high overall by breaking out brickwork on both sides including necessary precast concrete lintel and making good plaster on both sides and into reveals with concrete threshold with steel trowelled finish (new door and frame and making good paintwork elsewhere)	no	1		
1.48.4 a	Altering opening in one brick wall where 813 x 2032mm high timber door and steel frame removed to form opening for new single door and frame 945 x 2065mm high overall by breaking out brickwork on both sides including necessary precast concrete lintel and making good plaster on both sides and into reveals with concrete threshold with steel trowelled finish (new door and frame and making good paintwork elsewhere)	no	1		
1.48.5	Altering opening in one brick wall where 813 x 2032mm high timber door and steel frame removed to form opening for new single door and frame 965 x 2065mm high overall by breaking out brickwork on both sides including necessary precast concrete lintel and making good plaster on both sides and into reveals with concrete threshold with steel trowelled finish (new door and frame and making good paintwork elsewhere)	no	1		
1.48.6	Altering opening in half brick wall where 813 x 2032mm high steel combination door and steel frame removed to form opening for new single door and frame 965 x 2065mm high overall by breaking out brickwork including necessary precast concrete lintel and making good plaster on both sides and into reveals with concrete threshold with steel trowelled finish (new door and frame and making good paintwork elsewhere)	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.48.7	Altering opening in half brick wall where 813 x 2032mm high timber door and steel frame removed to form opening for new single door and frame 965 x 2337mm high overall by breaking out brickwork including necessary precast concrete lintel and making good plaster on both sides and into reveals with concrete with quarry tile finish to threshold (new door and frame and making good paintwork elsewhere)	no	1		
1.48.8	Altering opening in half brick wall where 813 x 2032mm high steel combination door and frame removed to form opening for new single door and frame 965 x 2337mm high overall by breaking out brickwork including necessary precast concrete lintel and making good plaster on both sides and into reveals with concrete with quarry tile finish to threshold (new door and frame and making good paintwork elsewhere)	no	1		
1.48.9	Altering opening in one brick wall where 813 x 2032mm high timber door and steel frame removed to form opening for new single door and frame 1613 x 2337mm high overall by breaking out brickwork on both sides including necessary precast concrete lintel and making good plaster on both sides and into reveals with concrete with quarry tile finish to threshold (new door and frame and making good paintwork elsewhere)	no	1		
1.48.10	Altering opening in one brick wall where window not exceeding 2,5m <sup>2</sup> removed to form opening for new single leaf timber door and steel frame 965 x 2065mm high overall by breaking out brickwork on both sides and bottom including necessary precast concrete lintel and making good plaster on both sides (new door and frame and making good paintwork elsewhere)	no	1		
1.48.11	Altering opening in one brick wall where window not exceeding 2,5m <sup>2</sup> removed to form opening for new double leaf timber door and steel frame 1575 x 2065mm high overall by breaking out brickwork on both sides and bottom including necessary precast concrete lintel and making good plaster on both sides (new door and frame and making good paintwork elsewhere)	no	1		
1.48.12	Altering opening in one brick wall where window not exceeding 2,5m <sup>2</sup> removed to form opening for new single leaf timber door and steel frame 1575 x 2065mm high overall by breaking out brickwork on both sides and bottom including necessary precast concrete lintel and making good plaster on one side and into reveals and face brickwork on other side and into reveals (new door and frame and making good paintwork elsewhere)	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>1,49</b>	<b><u>Breaking out for and forming plain openings through brick walls including necessary precast concrete lintels and making good plaster on both sides and into reveals and with concrete thresholds with steel trowelled finish (making good paintwork elsewhere</u></b>				
1.49.1	Opening 900 x 2100mm high through half brick wall	no	1		
1.49.2	Opening 1200 x 2100mm high through half brick wall	no	1		
1.49.3	Opening 1500 x 2100mm high through half brick wall	no	1		
1.49.4	Opening 900 x 2100mm high through one brick wall	no	1		
1.49.5	Opening 1200 x 2100mm high through one brick wall	no	1		
1.49.6	Opening 1500 x 2100mm high through one brick wall	no	1		
1.49.7	Opening 900 x 2100mm high through one and half brick wall	no	1		
1.49.8	Opening 1200 x 2100mm high through one and half brick wall	no	1		
1.49.9	Opening 1500 x 2100mm high through one and half brick wall	no	1		
<b>1.49.10.</b>	<b><u>Breaking out for and forming plain openings through brick walls including necessary precast concrete lintels and making good plaster on side and face brick on the other and into reveals and with concrete thresholds with steel trowelled finish (making good paintwork elsewhere</u></b>				
1.49.10 a	Opening 900 x 2100mm high through half brick wall	no	1		
1.49.10 b	Opening 1200 x 2100mm high through half brick wall	no	1		
1.49.10 c	Opening 1500 x 2100mm high through half brick wall	no	1		
1.49.10d	Opening 900 x 2100mm high through one brick wall	no	1		
1.49.10e	Opening 1200 x 2100mm high through one brick wall	no	1		
1.49.10f	Opening 1500 x 2100mm high through one brick wall	no	1		
1.49.10g	Opening 900 x 2100mm high through one and half brick wall	no	1		



**CONTRACT.8/2/2/445...: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

1.49.10h	Opening 1200 x 2100mm high through one and half brick wall	no	1
----------	--	----	---

**BILL NO.1**

1.49.10i	Opening 1500 x 2100mm high through one and half brick wall	no	1
----------	--	----	---

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>1.49.11.</b>	<b><u>Breaking out for and forming plain openings through brick walls including necessary precast concrete lintels and making good plaster on side and face brick on the other and into reveals and with concrete thresholds with steel trowelled finish (making good paintwork elsewhere</u></b>				
1.49.11a	Opening 900 x 2100mm high through half brick wall	no	1		
1.49.11b	Opening 1200 x 2100mm high through half brick wall	no	1		
1.49.11c	Opening 1500 x 2100mm high through half brick wall	no	1		
1.49.11d	Opening 900 x 2100mm high through one brick wall	no	1		
1.49.11e	Opening 1200 x 2100mm high through one brick wall	no	1		
1.49.11f	Opening 1500 x 2100mm high through one brick wall	no	1		
1.49.11 g	Opening 900 x 2100mm high through one and half brick wall	no	1		
1.49.11 h	Opening 1200 x 2100mm high through one and half brick wall	no	1		
1.49.11 i	Opening 1500 x 2100mm high through one and half brick wall	no	1		
	1.50.7				
<b>1,50</b>					
1.50.1					
1.50.2					
1.50.3					
1.50.4					
1.50.5					
1.50.6					

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
doors and frames including necessary precast concrete lintels

**BILL NO.1**

B  
r  
e  
a  
k  
i  
n  
g  
o  
u  
t  
f  
o  
r  
a  
n  
d  
f  
o  
r  
m  
i  
n  
g  
p  
l  
a  
i  
n  
o  
p  
e  
n  
i  
n  
g  
s  
t  
h  
r  
o  
u  
g  
h  
b  
r  
i  
c  
k  
w  
a  
i  
l  
i  
s  
f  
o  
r  
n  
e  
w

and making good plaster on both side and into reveals and  
with concrete threshold with steel trowelled finish (new  
door and frame and making good paintwork elsewhere)

Opening for door with steel frame 880 x 2065mm high overall through half brick wall	no	1
Opening for door with steel frame 964 x 2065mm high overall through half brick wall	no	1
Opening for door with steel frame 1575 x 2065mm high overall through half brick wall	no	1
Opening for door with steel frame 880 x 2065mm high overall through one brick wall	no	1
Opening for door with steel frame 964 x 2065mm high overall through one brick wall	no	1
Opening for door with steel frame 1575 x 2065mm high overall through one brick wall	no	1
Opening for door with steel frame 880 x 2065mm high overall through one and half brick wall	no	1

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.50.8	Opening for door with steel frame 964 x 2065mm high overall through one and half brick wall	no	1		
1.50.9	Opening for door with steel frame 1575 x 2065mm high overall through one and half brick wall	no	1		
1.50.10	Opening for door with timber frame 880 x 2065mm high overall through half brick wall	no	1		
1.50.11	Opening for door with timber frame 964 x 2065mm high overall through half brick wall	no	1		
1.50.12	Opening for door with timber frame 1575 x 2065mm high overall through half brick wall	no	1		
1.50.13	Opening for door with timber frame 880 x 2065mm high overall through one brick wall	no	1		
1.50.14	Opening for door with timber frame 964 x 2065mm high overall through one brick wall	no	1		
1.50.15	Opening for door with timber frame 1575 x 2065mm high overall through one brick wall	no	1		
1.50.16	Opening for door with timber frame 880 x 2065mm high overall through one and half brick wall	no	1		
1.50.17	Opening for door with timber frame 964 x 2065mm high overall through one and half brick wall	no	1		
1.50.18	Opening for door with timber frame 1575 x 2065mm high overall through one and half brick wall	no	1		
<b>1,51</b>	<b><u>Breaking out for and forming openings through brick walls for new windows including necessary precast concrete lintels and making good plaster on both sides and into reveals (new windows, sills and making good paintwork elsewhere)</u></b>				
1.51.1	Opening for window not exceeding 2,5m <sup>2</sup> through half brick wall	no	1		
1.51.2	Opening for window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> through half brick wall	no	1		
1.51.3	Opening for window not exceeding 2,5m <sup>2</sup> through one brick wall	no	1		
1.51.4	Opening for window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> through one brick wall	no	1		
1.51.5	Opening for window not exceeding 2,5m <sup>2</sup> through one and half brick wall	no	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
1.51.6	Opening for window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> through one and half brick wall	no	1		
<b>1,52</b>	<b><u>Breaking out for and forming openings through brick walls for new windows including necessary precast concrete lintels and making good plaster on one side and into reveals and face brickwork on other side and into reveals (new windows, sills and making good paintwork elsewhere)</u></b>				
1.52.1	Opening for window not exceeding 2,5m <sup>2</sup> through half brick wall	no	1		
1.52.2	Opening for window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> through half brick wall	no	1		
1.52.3	Opening for window not exceeding 2,5m <sup>2</sup> through one brick wall	no	1		
1.52.4	Opening for window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> through one brick wall	no	1		
1.52.5	Opening for window not exceeding 2,5m <sup>2</sup> through one and half brick wall	no	1		
1.52.6	Opening for window exceeding 2,5m <sup>2</sup> and not exceeding 5.0m <sup>2</sup> through one and half brick wall	no	1		
<b>1,53</b>	<b><u>Breaking out one course brickwork and install 110 x 75mm precast concrete lintel and making good plaster on one side (making good paintwork elsewhere)</u></b>				
1.53.1	In half brickwall	m	1		
1.53.2	In one brickwall	m	1		
<b>TOTAL CARRIED TO SUMMARY</b>					

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<b><u>SCHEDULE No. 2</u></b>				
	<b><u>EARTHWORKS (PROVISIONAL)</u></b>				
	Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	<u>Nature of ground</u>				
	No soil investigation is available.				
	<u>Carting away of excavated material</u>				
	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.				
	<u>Subterranean water</u>				
	No information regarding subterranean water is available. The contractor must acquaint himself of the presence and depth of subterranean water and allow therefore in his rates.				
	<u>Prices</u>				
	Prices for all filling and carting away of surplus materials must make allowance for bulking.				
	<u>Carting away of excavated material</u>				
	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site				
	<b><u>DEMOLITIONS ETC</u></b>				
<b>2,1</b>	<b><u>Breaking up and removing</u></b>				
2.1.1	85mm thick concrete surface beds, paving, etc	m <sup>2</sup>	1		
2.1.2	100mm thick concrete surface beds, paving, etc	m <sup>2</sup>	1		
2.1.3	150mm thick concrete surface beds, paving, etc	m <sup>2</sup>	1		
2.1.4	85mm thick mesh reinforced concrete surface beds, paving, etc	m <sup>2</sup>	1		
2.1.5	100mm thick mesh reinforced concrete surface beds, paving, etc	m <sup>2</sup>	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
2.1.6	150mm thick mesh reinforced concrete surface beds, paving, etc	m <sup>2</sup>	1		
2.1.7	60mm thick brick paving with mortar joints	m <sup>2</sup>	1		
2.1.8	80mm thick brick paving with mortar joints	m <sup>2</sup>	1		
2.1.9	300 x 300 x 30mm thick paving	m <sup>2</sup>	1		
2.1.10	230 x 75mm concrete kerb	m	1		
2.1.11	300 x 150mm half-battered concrete kerb	m	1		
2.1.12	280 x 180 x 140mm mountable concrete kerb	m	1		
2.1.13	300 x 200 x 100mm mountable concrete kerb	m	1		
2.1.14	230 x 110mm brick kerb with mortar joints	m	1		
<b>2,2</b>	<b><u>Take down and removing</u></b>				
2.2.5	Steel palisade, round bar, square tube, etc. gate size 813 x 2032mm high	no	1		
2.2.6	Steel palisade, round bar, square tube, etc. gate size 1200 x 2032mm high	no	1		
2.2.7	Steel sliding palisade, round bar, square tube, etc. gate size 6000 x 1800mm high	no	1		
2.2.8	Steel two leaf palisade, round bar, square tube, etc. gate size 6000 x 1800mm high	no	1		
2.2.9	Steel burglar gates, screens, etc. size 813 x 2032mm high	no	1		
2.2.10	Steel burglar gates, screens, etc. size 1626 x 2032mm high	no	1		
2.2.11	Steel two leaf palisade, round bar, square tube, etc. fence panel size 3000 x 1800mm high	no	1		
2.2.12	Diamond mesh fence 2,1m high with flat wrap razor wire fixed to top and bottom and 750mm high overall with steel post and droppers	m	1		
2.2.12 a	Diamond mesh fence 1.2 m high formed of 50mm mesh chain link netting 2.5 mm diameter galvanised mild steel wire stained and secured to top and bottom rails and posts	m	1		
2.2.13	Half brick, precast, etc. boundary or yard wall 1,8m high	m	1		
2.2.14	One brick boundary or yard wall 1,8m high	m	1		
2.2.15	Steel Palisade fencing not exceeding 2400mm high	m	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

<b>BILL NO.1</b>					
<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
2.2.16	Concrete Palisade fencing not exceeding 2400mm high	m	1		
2.2.17	Wooden picket fence 1500mm high	m	1		
	<b><u>SITE CLEARANCE, ETC.</u></b>				
	<u>User Note</u>				
	<i>Where the value is of significance, the removal of hedges, etc. shall be given separately in meters or in number</i>				
<b>2,3</b>	<b><u>Site clearance</u></b>				
2.3.1	Dig up and remove rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush etc.	m <sup>2</sup>	1		
2.3.1 a	Dig up and remove contaminated rubbish, debris	m <sup>3</sup>	1		
2.3.2	Strip average 150mm. thick layer top soil and stockpile on site where directed	m <sup>2</sup>	1		
2.3.3	Rip, scarify and compact ground 150mm average	m <sup>2</sup>	1		
2.3.4	Carting away rubble up to 5km radius (to dumping area, return distance not covered)	m <sup>3</sup>	1		
2.3.5	Overhaul exceeding 5km limited overhaul to dumping area, return distance not covered	m <sup>3</sup> -km	1		
	<b><u>REMOVAL OF TREES, ETC.</u></b>				
<b>2,4</b>	<b><u>Taking out and removing, grubbing up roots and filling in holes</u></b>				
2.4.1	Tree stump exceeding 200mm. and not exceeding 500mm.	no	1		
2.4.2	Tree stump exceeding 500mm. and not exceeding 1000mm.	no	1		
2.4.3	Tree stump exceeding 1000mm. and not exceeding 2000mm.	no	1		
2.4.4	Tree stump exceeding 2000mm. and not exceeding 3000mm.	no	1		
<b>2,5</b>	<b><u>Cutting down and removing, grubbing up roots and filling in holes including importing filling where required</u></b>				
2.5.1	Hedge not exceeding 1500mm high	m	1		
2.5.2	Hedge exceeding 1500mm high and not exceeding 2500mm high	m	1		
2.5.3	Tree exceeding 200mm. and not exceeding 500mm. girth	no	1		
2.5.4	Tree exceeding 500mm. and not exceeding 1000mm. girth	no	1		
2.5.5	Tree exceeding 1000mm. and not exceeding 2000mm. girth	no	1		



**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
2.5.6	Tree exceeding 2000mm. and not exceeding 3000mm. girth	no	1		
	<b><u>Cutting of tree excluding tree stump and carting away off site</u></b>				
2.5.7	Tree exceeding 200mm. and not exceeding 500mm. girth	no	1		
2.5.8	Tree exceeding 500mm. and not exceeding 1000mm. girth	no	1		
2.5.9	Tree exceeding 1000mm. and not exceeding 2000mm. girth	no	1		
2.5.10	Tree exceeding 2000mm. and not exceeding 3000mm. girth	no	1		
	<b><u>BULK EXCAVATION, FILLING, ETC.</u></b>				
	<u>User Note</u>				
	<i>This section is given as an alternative option and in the event of it being utilised, the excavation, filling, etc other than bulk is to be given in the later section under the appropriate heading</i>				
	<i>If this alternative is not utilised, then all excavations, etc (bulk and otherwise) is to be given in the later section under the appropriated heading</i>				
	<b><u>EXCAVATION, FILLING, ETC.</u></b>				
<b>2,6</b>	<b><u>Open face excavations in earth over sloping site</u></b>				
2.6.1	Open face excavations	m³	1		
<b>2,7</b>	<b><u>Excavation in earth not exceeding 2m. deep</u></b>				
2.7.1	Reducing levels under floors	m³	1		
2.7.2	Trenches.	m³	1		
2.7.3	Holes	m³	1		
2.7.4	Trenches and holes for thickening under surface beds etc.	m³	1		
	<b><u>Hand excavation to expose existing services where ordered by the Engineer / QS</u></b>				
2.7.5	In Soft material	m³	1		
2.7.6	In Intermediate material	m³	1		
2.7.7	In Hard material	m³	1		
<b>2,8</b>	<b><u>Extra over Blasting of trench and hole excavations in earth for excavation in</u></b>				
2.8.1	Soft rock.	m³	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
2.8.2	Hard rock.	m <sup>3</sup>	1		
2.8.3	Back excavation in earth for working space for excavation in soft rock	m <sup>2</sup>	1		
<b>2,9</b>	<b><u>Extra over excavations in earth for breaking up and</u></b>				
2.9.1	Brickwork	m <sup>3</sup>	1		
2.9.2	Unreinforced concrete	m <sup>3</sup>	1		
2.9.3	Reinforced concrete	m <sup>3</sup>	1		
<b>2,10</b>	<b><u>Extra over all excavations for carting away</u></b>				
2.10.1	Surplus material from excavations and /or stock pile on site to a dumping site to be located by the contractor (up to a radius of 5km - return distance not covered)	m <sup>3</sup>	1		
2.10.2	Overhaul exceeding 5km limited overhaul to dumping area, return distance not covered	m <sup>3</sup> -km	1		
<b>2,11</b>	<b><u>Risk of collapse of excavations</u></b>				
2.11.1	Sides of trench and hole excavations not exceeding 1,5m deep including keeping excavations free from water	m <sup>2</sup>	1		
2.11.2	Sides of trench and hole excavations exceeding 1,5m deep including keeping excavations free from water.	m <sup>2</sup>	1		
2.11.3	Sides of bulk excavations not exceeding 1,5m deep including keeping excavations free from water	m <sup>2</sup>	1		
2.11.4	Sides of bulk excavations exceeding 1,5m deep including keeping excavations free from water.	m <sup>2</sup>	1		
<b>2,12</b>	<b><u>Keeping excavations free of water</u></b>				
2.12.1	Keeping excavations free of water other than subterranean water	Item	1		
<b>2,13</b>	<b><u>Earth filling obtained from excavations and/or prescribed stock piles on site (not compacted)</u></b>				
2.13.1	Over site	m <sup>3</sup>	1		
2.13.2	Landscape mounds, berms, etc	m <sup>3</sup>	1		
<b>2,14</b>	<b><u>Earth filling obtained from excavations and/or prescribed stock piles on site compacted to 95% Mod AASHTO density</u></b>				
2.14.1	Under floors, steps, pavings, etc.	m <sup>3</sup>	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
2.14.2	Backfill behind retaining walls	m <sup>3</sup>	1		
2.14.3	Backfill to trenches, holes, etc.	m <sup>3</sup>	1		
2.14.4	Over site to make up levels	m <sup>3</sup>	1		
2.14.5	Bedding	m <sup>3</sup>	1		
<b>2,15</b>	<b><u>Earth filling supplied by the contractor compacted to 95% Mod AASHTO density.</u></b>				
2.15.1	Under floors, steps, pavings, etc.	m <sup>3</sup>	1		
2.15.2	Backfill behind retaining walls	m <sup>3</sup>	1		
2.15.3	Backfill to trenches, holes, etc.	m <sup>3</sup>	1		
<b>2,16</b>	<b><u>Garden top soil filling obtained from the excavations and/or prescribed stock piles on site</u></b>				
2.16.1	In flower boxes	m <sup>3</sup>	1		
2.16.2	Over site	m <sup>3</sup>	1		
2.16.3	Landscape mounds, berms, etc	m <sup>3</sup>	1		
<b>2,17</b>	<b><u>Garden top soil filling supplied by the contractor</u></b>				
2.17.1	In flower boxes	m <sup>3</sup>	1		
2.17.2	Over site	m <sup>3</sup>	1		
2.17.3	Landscape mounds, berms, etc	m <sup>3</sup>	1		
<b>2,18</b>	<b><u>Coarse river sand filling supplied by the contractor</u></b>				
2.18.1	Under floors etc	m <sup>3</sup>	1		
2.18.2	Behind retaining walls	m <sup>3</sup>	1		
2.18.3	In floor ducts	m <sup>3</sup>	1		
<b>2,19</b>	<b><u>Hardcore filling</u></b>				
2.19.1	Under floors etc	m <sup>3</sup>	1		
<b>2,20</b>	<b><u>Crusher filling of 19mm stone</u></b>				
2.20.1	Under floors etc	m <sup>3</sup>	1		
2.20.2	Behind retaining walls	m <sup>3</sup>	1		
2.20.3	In flower boxes	m <sup>3</sup>	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>2,21</b>	<b><u>Compaction of surfaces</u></b>				
2.21.1	Compaction of ground surface under floors, etc. including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m <sup>2</sup>	1		
	<b><u>TESTS</u></b>				
<b>2,22</b>	<b><u>Prescribed density test on filling.</u></b>				
2.22.1	"Modified AASHTO density" test	no.	1		
2.22.2	"Natural California Bearing Ratio" test	no	1		
2.22.3	"Field Density" test including "Optimum Moisture Content" (four readings per test)	no	1		
2.22.4	Maximum dry density and optimum moisture content test in accordance with Method A7 of TMH1 (Technical Method of Highways	no	1		
2.22.5	In situ dry density (sand replacement) test in accprdance with metho A7 of TMH1 (Technican Method of Highwats)	no	1		
	<b><u>STONE PITCHING</u></b>				
<b>2,23</b>	<b><u>Stone pitching of approximately 250mm diameter river stones tightly packed including preparation of ground</u></b>				
2.23.1	250mm thick against sloping banks	m <sup>2</sup>	1		
2.23.2	250mm thick against sloping banks bedded and jointed in 1:8 cement mortar and pointed with hollow recessed joints	m <sup>2</sup>	1		
	<b><u>GABIONS</u></b>				
<b>2,24</b>	<b><u>Gabions of Mesh Type 80 with 3mm Class A galvanised wire boxes laced and braced together and filled with broken stone as per Maccaferri SA (Pty) Ltd specifications</u></b>				
2.24.1	1000mm thick retaining wall of 1000 x 1000 x 1000mm boxes properly bonded	m <sup>3</sup>	1		
2.24.2	1000mm thick retaining wall of 2000 x 1000 x 1000mm boxes properly bonded	m <sup>3</sup>	1		
<b>2,25</b>	<b><u>Reno Mattresses of Mesh Type 60 with 2,7mm Class A galvanised wire boxes laced and braced together and filled with broken stone as per Maccaferri SA (Pty) Ltd specifications</u></b>				

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
2.25.1	300mm thick embankment protection of 2000 x 1000 x 300mm mattresses with diaphragm divisions at 1000mm centres butt jointed	m <sup>3</sup>	1		
2.25.2	300mm thick embankment protection of 3000 x 1000 x 300mm mattresses with diaphragm divisions at 1000mm centres butt jointed	m <sup>3</sup>	1		
	<b><u>FILTER FABRIC</u></b>				
<b>2,26</b>	<b><u>AG 300 Geotextile continuous polyester filament double needle-punched filter fabric with 300 mm laps as per Maccaferri SA (Pty) Ltd specifications</u></b>				
2.26.1	Under stone filled gabions including preparing ground surface	m <sup>2</sup>	1		
2.26.2	Vertically behind stone filled gabion retaining walls	m <sup>2</sup>	1		
2.26.3	Over stone percolation beds in flower boxes	m <sup>2</sup>	1		
2.26.4	Around stone filling in sub-soil drain trenches	m <sup>2</sup>	1		
	<b><u>SOIL POISONING</u></b>				
<b>2,27</b>	<b><u>Weedkillers, Insecticides, etc. Environmentally friendly and SABS approved.</u></b>				
2.27.1	Under paving, etc	m <sup>2</sup>	1		
2.27.2	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming.	m <sup>2</sup>	1		
2.27.3	Bottoms and sides of trenches etc.	m <sup>2</sup>	1		
	<b>TOTAL CARRIED TO SUMMARY</b>				

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<p><b><u>SCHEDULE No. 3</u></b></p> <p>Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Cost of tests</u></p> <p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the Principal Agent/Project Manager. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the Principal Agent/Project Manager. (Test cubes are measured separately)</p> <p><u>Formwork</u></p> <p>Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for</p> <p>The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.</p> <p>Formwork to soffits of (solid) slabs etc. shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described.</p> <p>Formwork to sides of bases, pile caps, ground beams, etc. will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"</p> <p><b><u>RAPID HARDENING CONCRETE</u></b></p> <p><b>3,1 <u>Backfill trenches in high trafficked road surfaces</u></b></p> <p>3.1.1 25 Mpa concrete</p> <p>3.1.2 30 Mpa concrete</p>				
		m <sup>3</sup>	1		
		m <sup>3</sup>	1		

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b><u>CELLULAR LIGHT RAPID HARDENING CONCRETE</u></b>					
3,2	Cellular light Breeze concrete - Backfill trenches in high trafficked road surfaces				
3.2.1	Grading to slabs	m <sup>3</sup>	1		
3.2.2	Finishing smooth top surfaces of grading to falls for waterproofing including 1:8 monolithic cement plaster screed as necessary	m <sup>2</sup>	1		
3.2.3	Finishing smooth top surfaces of grading to falls and currents for waterproofing including 1:8 monolithic cement plaster screed as necessary	m <sup>2</sup>	1		
3.2.4	70 x 70mm 1:8 Cement plaster triangular fillets against walls, etc.	m	1		
<b><u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></b>					
3,3	<b><u>15MPa/20mm. concrete</u></b>				
3.3.1	Surface blinding under surface beds	m <sup>3</sup>	1		
3.3.2	Surface blinding under footings and bases	m <sup>3</sup>	1		
3,4	<b><u>20MPa/20mm. concrete</u></b>				
3.4.1	Strip footings	m <sup>3</sup>	1		
3.4.2	Surface bed	m <sup>3</sup>	1		
3.4.3	Surface bed on waterproofing	m <sup>3</sup>	1		
3.4.4	Surface bed cast in panels	m <sup>3</sup>	1		
3.4.5	Surface bed cast in panels on waterproofing	m <sup>3</sup>	1		
3.4.6	Pavings	m <sup>3</sup>	1		
3.4.7	Pavings cast in panels	m <sup>3</sup>	1		
3.4.8	Ramps	m <sup>3</sup>	1		
3.4.9	Bottoms and sides of floor ducts	m <sup>3</sup>	1		
3.4.10	Machine bases	m <sup>3</sup>	1		
3.4.11	Steps, urinal steps, cupboard platforms, etc.	m <sup>3</sup>	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>3,5</b>	<b><u>25MPa/20mm. concrete</u></b>				
3.5.1	Strip footings	m <sup>3</sup>	1		
3.5.2	Surface bed	m <sup>3</sup>	1		
3.5.3	Surface bed on waterproofing	m <sup>3</sup>	1		
3.5.4	Surface bed cast in panels	m <sup>3</sup>	1		
3.5.5	Surface bed cast in panels on waterproofing	m <sup>3</sup>	1		
3.5.6	Pavings	m <sup>3</sup>	1		
3.5.7	Pavings cast in panels	m <sup>3</sup>	1		
3.5.8	Ramps	m <sup>3</sup>	1		
3.5.9	Bottoms and sides of floor ducts	m <sup>3</sup>	1		
3.5.10	Machine bases	m <sup>3</sup>	1		
3.5.11	Steps	m <sup>3</sup>	1		
	<b><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></b>				
<b>3,6</b>	<b><u>20MPa/20mm. concrete</u></b>				
3.6.1	Strip footings	m <sup>3</sup>	1		
3.6.2	Bases	m <sup>3</sup>	1		
3.6.3	Foundation beams	m <sup>3</sup>	1		
3.6.4	Surface bed	m <sup>3</sup>	1		
3.6.5	Surface bed on waterproofing	m <sup>3</sup>	1		
3.6.6	Surface bed cast in panels	m <sup>3</sup>	1		
3.6.7	Surface bed cast in panels on waterproofing	m <sup>3</sup>	1		
3.6.8	Pavings	m <sup>3</sup>	1		
3.6.9	Pavings cast in panels	m <sup>3</sup>	1		
3.6.10	Ramps	m <sup>3</sup>	1		
3.6.11	Bottoms and sides of floor ducts	m <sup>3</sup>	1		
3.6.12	Machine bases	m <sup>3</sup>	1		



**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
3.6.13	Steps	m <sup>3</sup>	1		
3.6.14	In cavity walls	m <sup>3</sup>	1		
<b>3,7</b>	<b><u>25MPa/20mm. concrete</u></b>				
3.7.1	Strip footings	m <sup>3</sup>	1		
3.7.2	Bases	m <sup>3</sup>	1		
3.7.3	Foundation beams	m <sup>3</sup>	1		
3.7.4	Surface bed	m <sup>3</sup>	1		
3.7.5	Surface bed on waterproofing	m <sup>3</sup>	1		
3.7.6	Surface bed cast in panels	m <sup>3</sup>	1		
3.7.7	Surface bed cast in panels on waterproofing	m <sup>3</sup>	1		
3.7.8	Pavings	m <sup>3</sup>	1		
3.7.9	Pavings cast in panels	m <sup>3</sup>	1		
3.7.10	Ramps	m <sup>3</sup>	1		
3.7.11	Bottoms and sides of floor ducts	m <sup>3</sup>	1		
3.7.12	Machine bases	m <sup>3</sup>	1		
3.7.13	Steps	m <sup>3</sup>	1		
	<b><u>REINFORCED CONCRETE</u></b>				
<b>3,8</b>	<b><u>30MPa/20mm. concrete</u></b>				
3.8.1	Slabs including beams and inverted beams	m <sup>3</sup>	1		
3.8.2	Stepped slabs including beams and inverted beams	m <sup>3</sup>	1		
3.8.3	Raking slabs, ramps, etc. including beams and inverted beams	m <sup>3</sup>	1		
3.8.4	Coffered slabs including beams and inverted beams	m <sup>3</sup>	1		
3.8.5	Troughed slabs including beams and inverted beams	m <sup>3</sup>	1		
3.8.6	Composite hollow block slabs including beams and inverted	m <sup>3</sup>	1		
3.8.7	Composite prefabricated beam and trough slabs including beams and inverted beams	m <sup>3</sup>	1		
3.8.8	Hood slabs	m <sup>3</sup>	1		

**CONTRACT..8/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
3.8.9	Vanity slabs, cupboard slabs, cover slabs, etc	m <sup>3</sup>	1		
3.8.10	Isolated beams	m <sup>3</sup>	1		
3.8.11	Bottoms and sides of isolated gutter beams	m <sup>3</sup>	1		
3.7.12	Lintels	m <sup>3</sup>	1		
3.8.13	Stairs including landings, beams and inverted beams	m <sup>3</sup>	1		
3.8.14	Retaining walls in foundations (Provisional)	m <sup>3</sup>	1		
3.8.15	Retaining walls	m <sup>3</sup>	1		
3.8.16	Walls in foundations (Provisional)	m <sup>3</sup>	1		
3.8.17	Walls	m <sup>3</sup>	1		
3.8.18	Balustrade walls	m <sup>3</sup>	1		
3.8.19	Columns in foundations (Provisional)	m <sup>3</sup>	1		
3.8.20	Columns	m <sup>3</sup>	1		
	<b><u>TEST BLOCKS</u></b>				
3.8.21	Making and testing a set of three 150 x 150 x 150mm. concrete strength test cubes (Provisional)	no	1		
	<b><u>CONCRETE SUNDRIES</u></b>				
	<b><u>Curing surfaces of concrete with "Masterseal" curing compound applied at a rate of 1 litre/10m<sup>2</sup></u></b>				
3.8.22	Horizontal top surfaces				
3.8.23	Vertical surfaces				
	<b><u>Colouring surfaces of concrete with "Oxide" including curing compound applied at a rate of 1 litre/10m<sup>2</sup></u></b>				
3.8.24	Horizontal top surfaces	m <sup>2</sup>	1		
3.8.25	Vertical surfaces	m <sup>2</sup>	1		
<b>3,9</b>	<b><u>Finishing top surface of concrete smooth with wood float or steel trowel</u></b>				
3.9.1	Surface bed, slabs, etc	m <sup>2</sup>	1		
3.9.2	Surface bed, slabs, etc to falls and currents	m <sup>2</sup>	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
3.9.3	Paving to falls	m <sup>2</sup>	1		
3.9.4	Paving to falls and currents	m <sup>2</sup>	1		
3.9.5	Tops of beams, walls, etc	m <sup>2</sup>	1		
3.9.6	Sloping and splayed tops of beams, walls, etc	m <sup>2</sup>	1		
<b>3,10</b>	<b><u>Finishing top surfaces of concrete smooth with a steel</u></b>				
3.10.1	Surface bed, slabs, etc.	m <sup>2</sup>	1		
3.10.2	Surface bed, slabs, etc to falls and currents	m <sup>2</sup>	1		
3.10.3	Paving to falls	m <sup>2</sup>	1		
3.10.4	Paving to falls and currents	m <sup>2</sup>	1		
3.10.5	Tops of beams, walls, etc	m <sup>2</sup>	1		
3.10.6	Sloping and splayed tops of beams, walls, etc	m <sup>2</sup>	1		
<b>3,11</b>	<b><u>Finishing top surfaces of concrete smooth with a power float</u></b>				
3.11.1	Surface bed, slabs, etc.	m <sup>2</sup>	1		
3.11.2	Surface bed, slabs, etc to falls and currents	m <sup>2</sup>	1		
3.11.3	Paving to falls	m <sup>2</sup>	1		
<b>3,12</b>	<b><u>Finishing top surfaces of concrete to an evenly ribbed non slip surface</u></b>				
3.12.1	Surface bed, slabs, etc	m <sup>2</sup>	1		
3.12.2	Surface bed, slabs, etc to falls	m <sup>2</sup>	1		
3.12.3	Surface bed, slabs, etc to falls and currents	m <sup>2</sup>	1		
3.12.4	Paving to falls	m <sup>2</sup>	1		
3.12.5	Paving to falls and currents	m <sup>2</sup>	1		
<b>3,13</b>	<b><u>Finishing top surfaces of concrete smooth with a power float with "Masterplate" hardener added (5kg/m<sup>2</sup>) and curing with "Masterseal" curing compound at a rate of 1</u></b>				
3.13.1	Surface bed, slabs, etc.	m <sup>2</sup>	1		
<b>3,14</b>	<b><u>Wire brushing of concrete surfaces to expose aggregate</u></b>				

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
3.14.1	Sides of walls	m <sup>2</sup>	1		
3.14.2	Sides of columns	m <sup>2</sup>	1		
3.14.3	Soffits of slab	m <sup>2</sup>	1		
3.14.4	Sides and soffits of beams	m <sup>2</sup>	1		
<b>3,15</b>	<b><u>Sandblasting of concrete surfaces to expose aggregate</u></b>				
3.15.1	Sides of walls	m <sup>2</sup>	1		
3.15.2	Sides of columns	m <sup>2</sup>	1		
3.15.3	Soffits of slab	m <sup>2</sup>	1		
3.15.4	Sides and soffits of beams	m <sup>2</sup>	1		
<b>3,16</b>	<b><u>Bush-hammering of concrete surfaces to expose aggregate</u></b>				
3.16.1	Sides of walls	m <sup>2</sup>	1		
3.16.2	Sides of columns	m <sup>2</sup>	1		
3.16.3	Soffits of slab	m <sup>2</sup>	1		
3.16.4	Sides and soffits of beams	m <sup>2</sup>	1		
<b>3,17</b>	<b><u>Grooves, channels, mortices, sinkings, etc in concrete</u></b>				
3.17.1	20x20mm Grooves in top	m	1		
3.17.2	35x35mm Channels in top	m	1		
3.17.3	20mmx 20mm segmental channels in top	m	1		
3.17.4	Mortice in top, side, etc not exceeding 150mm deep	m	1		
3.17.5	20x20mm Sinking in top	m	1		
<b>3,18</b>	<b><u>Cement work of 1:3 liquid cement and sand mixture applied with a brush</u></b>				
3.18.1	On concrete walls	m <sup>2</sup>	1		
3.18.2	On soffits of slabs, landings, stairs, etc	m <sup>2</sup>	1		
3.18.3	On soffits of coffered slabs	m <sup>2</sup>	1		
<b>3,19</b>	<b><u>Bedding under base plates etc.</u></b>				

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
3.19.1	25mm thick non-shrink grout under steel base plate size 500 x 350mm. including chamfered edge all round	no	1		
	<b><u>HOLLOW BLOCKS ETC</u></b>				
<b>3,20</b>	<b><u>"SuperSlab" hollow blocks in composite slabs</u></b>				
3.20.1	440 x 220 x 120mm block type S120 laid end to end in rows	no	1		
3.20.2	440 x 220 x 205mm block type S205 laid end to end in rows	no	1		
3.20.3	440 x 220 x 290mm block type S290 laid end to end in rows	no	1		
	<b><u>PREFABRICATED CONCRETE BEAMS</u></b>				
<b>3,21</b>	<b><u>"SuperSlab" prefabricated prestressed concrete beams in composite slabs</u></b>				
3.21.1	150 x 58mm beam with Three 4mm reinforcing wires, in lengths not exceeding 5,0m	m	1		
3.21.2	150 x 58mm beam with Five 4mm reinforcing wires, in lengths exceeding 5,0m and not exceeding 7,5m	m	1		
3.21.3	150 x 58mm beam with Seven 4mm reinforcing wires, in lengths exceeding 7,5m and not exceeding 10,0m	m	1		
<b>3,22</b>	<b><u>Supporting bearers to prefabricated beams</u></b>				
3.22.1	Bearers	m	1		
3.22.2	Bearers propped up exceeding 3,5m and not exceeding 5,0m high	m	1		
<b>3,23</b>	<b><u>Rough formwork to composite hollow block slabs</u></b>				
3.23.1	Soffit of composite slabs	m <sup>2</sup>	1		
3.23.2	Soffit of composite slabs propped up exceeding 3,5m and not exceeding 5,0m high	m <sup>2</sup>	1		
<b>3,24</b>	<b><u>"Echo Floors" prefabricated prestressed concrete slabs</u></b>				
3.24.1	Slabs	m <sup>2</sup>	1		
3.24.2	Bearers propped up exceeding 3,5m and not exceeding 5,0m high	m	1		
	<b><u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u></b>				
<b>3,25</b>	<b><u>Rough formwork to sides</u></b>				
3.25.1	Strip footings (Provisional)	m <sup>2</sup>	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
3.25.2	Bases (Provisional)	m <sup>2</sup>	1		
3.25.3	Foundation beams (Provisional)	m <sup>2</sup>	1		
3.25.4	Foundation beams circular exceeding 1m radius (Provisional)	m <sup>2</sup>	1		
3.25.5	Retaining walls (Provisional)	m <sup>2</sup>	1		
3.25.6	Retaining walls circular exceeding 1m radius (Provisional)	m <sup>2</sup>	1		
3.25.7	Walls (Provisional)	m <sup>2</sup>	1		
3.25.8	Walls circular exceeding 1m radius (Provisional)	m <sup>2</sup>	1		
3.25.9	Stub columns in foundations (Provisional)	m <sup>2</sup>	1		
	<b><u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u></b>				
<b>3,26</b>	<b><u>Smooth formwork to sides</u></b>				
3.26.1	Steps	m <sup>2</sup>	1		
3.26.2	Retaining walls	m <sup>2</sup>	1		
3.26.3	Retaining walls circular exceeding 1m radius	m <sup>2</sup>	1		
3.26.4	One face of retaining walls (other face against excavated or existing surfaces)	m <sup>2</sup>	1		
3.26.5	One face of retaining walls (other face against excavated or existing surfaces) circular exceeding 1m radius	m <sup>2</sup>	1		
3.26.6	Walls	m <sup>2</sup>	1		
3.26.7	Walls circular exceeding 1m radius	m <sup>2</sup>	1		
3.26.8	Inner face of balustrade walls	m <sup>2</sup>	1		
3.26.9	Inner face of balustrade walls circular exceeding 1m radius	m <sup>2</sup>	1		
3.26.10	Outer face of balustrade walls	m <sup>2</sup>	1		
3.26.11	Outer face of balustrade walls circular exceeding 1m radius	m <sup>2</sup>	1		
3.26.12	Columns	m <sup>2</sup>	1		
3.26.13	Beams	m <sup>2</sup>	1		
3.26.14	Beams circular exceeding 1m radius	m <sup>2</sup>	1		
3.26.15	Inverted beams	m <sup>2</sup>	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
3.26.16	Inverted beams circular exceeding 1m radius	m <sup>2</sup>	1		
3.26.17	Isolated beams	m <sup>2</sup>	1		
3.26.18	Isolated beams circular exceeding 1m radius	m <sup>2</sup>	1		
3.26.19	Edges, risers, ends and reveals not exceeding 300mm. high or	m	1		
3.26.20	Edges, risers, ends and reveals not exceeding 300mm. high or wide circular exceeding 1m radius	m	1		
<b>3,27</b>	<b><u>Smooth formwork to soffits</u></b>				
3.27.1	Slabs	m <sup>2</sup>	1		
3.27.2	Slabs propped up exceeding 3,5m and not exceeding 5,0m high	m <sup>2</sup>	1		
3.27.3	Slabs exceeding 250mm and not exceeding 500mm thick	m <sup>2</sup>	1		
3.27.4	Slabs exceeding 250mm and not exceeding 500mm thick propped up exceed 3,5m and not exceeding 5,0m high	m <sup>2</sup>	1		
3.27.5	Slabs with sloping soffits	m <sup>2</sup>	1		
3.27.6	Cantilever slabs	m <sup>2</sup>	1		
3.27.7	Cantilever slabs propped up exceed 3,5m and not exceeding 5,0m high	m <sup>2</sup>	1		
3.27.8	Vanity slabs, cupboard slabs, cover slabs, etc	m <sup>2</sup>	1		
3.27.9	Landings	m <sup>2</sup>	1		
3.27.10	Landings exceeding 250mm and not exceeding 500mm thick	m <sup>2</sup>	1		
3.27.11	Stairs and sloping soffits	m <sup>2</sup>	1		
3.27.12	Beams	m <sup>2</sup>	1		
3.27.13	Beams circular exceeding 1m radius	m <sup>2</sup>	1		
3.27.14	Beams propped up exceeding 3,5m and not exceeding 5,0m high	m <sup>2</sup>	1		
3.27.15	Beams with sloping soffits	m <sup>2</sup>	1		
3.27.16	Beams with sloping soffits propped up exceeding 3,5m and not exceeding 5,0m high	m <sup>2</sup>	1		
3.27.17	Isolated beams	m <sup>2</sup>	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
3.27.18	Isolated beams circular exceeding 1m radius	m <sup>2</sup>	1		
3.27.19	Isolated beams propped up exceeding 3,5m and not exceeding 5,0m high	m <sup>2</sup>	1		
<b>3,28</b>	<b><u>Smooth formwork to circular columns</u></b>				
3.28.1	250mm diameter column not exceeding 3,5m high	no	1		
3.28.2	250mm diameter column exceeding 3,5m high not exceeding 5,0m high	no	1		
3.28.3	350mm diameter column not exceeding 3,5m high	no	1		
3.28.4	350mm diameter column exceeding 3,5m high not exceeding 5,0m high	no	1		
3.28.5	450mm diameter column not exceeding 3,5m high	no	1		
3.28.6	450mm diameter column exceeding 3,5m high not exceeding 5,0m high	no	1		
<b>3,29</b>	<b><u>Boxing in smooth formwork to form</u></b>				
3.29.1	25 x 25mm chamfer along top or bottom edge	m	1		
3.29.2	25 x 25mm chamfer along top or bottom edge circular not exceeding 1m radius	m	1		
3.29.3	25 x 25mm vertical chamfer at corner	m	1		
3.29.4	40 x 25mm horizontal chase or groove in side	m	1		
3.29.5	40 x 25mm horizontal chase or groove in side circular not exceeding 1m radius	m	1		
3.29.6	40 x 25mm raking or vertical chase or groove in side	m	1		
<b>3,30</b>	<b><u>Smooth formwork to form</u></b>				
3.30.1	Opening not exceeding 1m girth through not exceeding 300mm slab	no	1		
3.30.2	100mm diameter opening through not exceeding 300mm slab	no	1		
3.30.3	150mm diameter opening through not exceeding 300mm slab	no	1		
3.30.4	100mm diameter opening through 340mm slab	no	1		
3.30.5	150mm diameter opening through 340mm slab	no	1		
3.30.6	Opening not exceeding 1m girth through not exceeding 300mm wall or beam	no	1		



**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
3.30.7	Opening not exceeding 1m girth through 350mm wall or beam	no	1		
	<b><u>MOVEMENT JOINTS, ETC.</u></b>				
<b>3,31</b>	<b><u>Expansion joints with bitumen impregnated softboard between vertical concrete surfaces</u></b>				
3.31.1	10mm. joint exceeding 300mm. high	m <sup>2</sup>	1		
3.31.2	10mm. joint not exceeding 300mm. high	m	1		
<b>3,32</b>	<b><u>Expansion joints with bitumen impregnated softboard between vertical concrete and brick surfaces</u></b>				
3.32.1	10mm. joint exceeding 300mm. high	m <sup>2</sup>	1		
3.32.2	10mm. joint not exceeding 300mm. high	m	1		
<b>3,33</b>	<b><u>Saw cut joints</u></b>				
3.33.1	5 x 35mm. saw cut jointson top of concrete	m	1		
<b>3,34</b>	<b><u>Vertical toggle construction joint through concrete including thick cement slurry to one face</u></b>				
3.34.1	Surface bed not exceeding 300mm thick	m	1		
3.34.2	Slabs not exceeding 300mm thick	m	1		
3.34.3	Slabs 350mm thick	m	1		
3.34.4	Walls not exceeding 300mm thick	m	1		
3.34.5	Walls 350mm thick	m	1		
	<b><u>REINFORCEMENT</u></b>				
<b>3,35</b>	<b><u>Mild steel reinforcement to structural concrete work</u></b>				
3.35.1	8mm. diameter bar	t	1		
3.35.2	10mm. diameter bar	t	1		
3.35.3	12mm. diameter bar	t	1		
3.35.4	16mm. diameter bar	t	1		
<b>3,36</b>	<b><u>High tensile steel reinforcement to structural concrete work</u></b>				
3.36.1	10mm. diameter bar	t	1		

**CONTRACT..8/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item Description No.</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
3.36.2 12mm. diameter bar	t	1		
3.36.3 16mm. diameter bar	t	1		
3.36.4 20mm. diameter bar	t	1		
3.36.5 25mm. diameter bar	t	1		
3.36.6 32mm. diameter bar	t	1		
<b>3,37 <u>High tensile steel dowel bars</u></b>				
3.37.1 16mm diameter dowel bar 700mm long with one end embedded 350mm deep in side of concrete at expansion joint and other end greased and wrapped in polythene sheeting including hole through formwork	no	1		
<b>3,38 <u>Fabric reinforcement</u></b>				
3.38.1 Type Ref. 100 in concrete surface beds, slabs, etc.	m <sup>2</sup>	1		
3.38.2 Type Ref. 193 in concrete surface beds, slabs, etc.	m <sup>2</sup>	1		
3.38.3 Type Ref. 245 in concrete surface beds, slabs, etc.	m <sup>2</sup>	1		
3.38.4 Type Ref. 311 in concrete surface beds, slabs, etc.	m <sup>2</sup>	1		
3.38.5 Type Ref. 395 in concrete surface beds, slabs, etc.	m <sup>2</sup>	1		
<b><u>CONCRETE FLOOR POLISHING</u></b>				
<b>3,39 <u>Grinding and polishing of existing concrete floor</u></b>				
3.39.1 Areas not exceeding 500m <sup>2</sup>	m <sup>2</sup>	1		
3.39.2 Areas exceeding 500m <sup>2</sup> and not exceeding 1000m <sup>2</sup>	m <sup>2</sup>	1		
3.39.3 Areas exceeding 1000m <sup>2</sup> and not exceeding 2000m <sup>2</sup>	m <sup>2</sup>	1		
3.39.4 Areas exceeding 2000m <sup>2</sup> and not exceeding 5000m <sup>2</sup>	m <sup>2</sup>	1		
3.39.5 Areas exceeding 5000m <sup>2</sup> and not exceeding 10000m <sup>2</sup>	m <sup>2</sup>	1		
3.39.6 Areas exceeding 1000m <sup>2</sup> and not exceeding 20000m <sup>2</sup>	m <sup>2</sup>	1		
<b>3,40 <u>Grinding and polishing of existing concrete floor in confined areas</u></b>				
3.40.1 Areas not exceeding 500m <sup>2</sup>				

BILL NO.1

3.40.2 Areas exceeding 500m<sup>2</sup> and not exceeding 1000m<sup>2</sup>

m<sup>2</sup>

1

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
3.40.3	Areas exceeding 1000m <sup>2</sup> and not exceeding 2000m <sup>2</sup>	m <sup>2</sup>	1		
3.40.4	Areas exceeding 2000m <sup>2</sup> and not exceeding 5000m <sup>2</sup>	m <sup>2</sup>	1		
3.40.5	Areas exceeding 5000m <sup>2</sup> and not exceeding 10000m <sup>2</sup>	m <sup>2</sup>	1		
3.40.6	Areas exceeding 1000m <sup>2</sup> and not exceeding 20000m <sup>2</sup>	m <sup>2</sup>	1		
	<b><u>POLISH, SEALERS, ETC.</u></b>				
<b>3,41</b>	<b><u>Stain resistance sealing</u></b>				
3.41.1	Single coat seal to flooring	m <sup>2</sup>	1		
<b>3,42</b>	<b><u>Deep Clean Restoration</u></b>				
3.42.1	To linoleum, vinyl, etc	m <sup>2</sup>	1		
3.42.2	To powerfloated concrete floors	m <sup>2</sup>	1		
3.42.3	To granite	m <sup>2</sup>	1		
3.42.4	To marble	m <sup>2</sup>	1		
3.42.5	To terrazzo	m <sup>2</sup>	1		
<b>3,43</b>	<b><u>Cementations overlay</u></b>				
3.43.1	Supply and placement	m <sup>2</sup>	1		
<b>3,44</b>	<b><u>Sundries</u></b>				
3.44.1	Raising of doors	m <sup>2</sup>	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL  
MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
TOTAL CARRIED TO SUMMARY**

**BILL NO.1**

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<p><b><u>SCHEDULE No. 4</u></b></p> <p><b><u>MASONRY</u></b></p> <p>Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>BRICKWORK</u></b></p> <p><b><u>Size and descriptions</u></b></p> <p>Where sizes in descriptions are given in brick units, "One brick" shall represent length and "Half brick" the width of a brick</p> <p><b><u>Hollow walls, etc</u></b></p> <p>Description of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole</p> <p><b><u>User Note</u></b></p> <p>The following preamble generally applies for works in hot and humid coastal areas</p> <p><b><u>Bagged and sealed walls</u></b></p> <p>Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats bitumen emulsion waterproofing coating</p> <p><b><u>Face bricks</u></b></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p> <p><b><u>Pointing</u></b></p> <p>Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.</p> <p><b><u>BLOCKWORK</u></b></p> <p><b><u>Concrete masonry units</u></b></p> <p>Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 14MPa</p>				

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<p><u>Wall ties for blockwork</u></p> <p>Wall ties shall be polypropylene ties complying with BS76377. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the blockwork. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other</p> <p><u>Blockwork</u></p> <p>Blockwork shall comply with SANS 10145 "Concrete Masonry Construction"</p> <p>Surfaces to be plastered shall have joints raked out to a depth of at least 10mm to provide a key. Cavities of hollow walls shall be kept free of mortar droppings or other undesirable matter. Every second perpend of the bottom course of the external skin of hollow walls shall be left open as a weep hole</p> <p><u>Standard complementary blocks</u></p> <p><u>Descriptions of blockwork shall be deemed to include standard complementary blocks such as corner, three- quarter, half and quarter blocks required in the construction of corners, reveals, jambs, ends, etc to solid and hollow walls and for bonding as necessary</u></p> <p><b><u>DECORATIVE BLOCKS</u></b></p> <p>Blocks shall be of approved manufacture, sound, well burnt or cured and uniform and true in size, shape and colour</p> <p><b><u>BRICKWORK</u></b></p> <p><b><u>FOUNDATIONS (PROVISIONAL)</u></b></p>				
4,1	<b><u>Brickwork of NFX bricks (14MPa nominal compressive strength) in class I mortar</u></b>				
4.1.1	Piers	m <sup>3</sup>	1		
4.1.2	L-shaped piers	m <sup>3</sup>	1		
4.1.3	H-shaped piers	m <sup>3</sup>	1		
4.1.4	One brick walls	m <sup>2</sup>	1		
4.1.5	One brick walls circular on plan	m <sup>2</sup>	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
4.1.6	One and a half brick walls	m <sup>2</sup>	1		
4.1.7	One and a half brick wall circular on plan	m <sup>2</sup>	1		
4.1.8	One brick cavity walls	m <sup>2</sup>	1		
4.1.9	Two brick walls	m <sup>2</sup>	1		
4.1.10	Two brick walls circular on plan	m <sup>2</sup>	1		
<b>4.2</b>	<b><u>Brickwork of concrete bricks (14MPa nominal compressive strength) in class I mortar</u></b>				
4.2.1	Piers	m <sup>3</sup>	1		
4.2.2	L-shaped piers	m <sup>3</sup>	1		
4.2.3	H-shaped piers	m <sup>3</sup>	1		
4.2.4	One brick walls	m <sup>2</sup>	1		
4.2.5	One brick walls circular on plan	m <sup>2</sup>	1		
4.2.6	One and a half brick walls	m <sup>2</sup>	1		
4.2.7	One and a half brick wall circular on plan	m <sup>2</sup>	1		
4.2.8	Two brick walls	m <sup>2</sup>	1		
4.2.9	Two brick walls circular on plan	m <sup>2</sup>	1		
	<b><u>SUPERSTRUCTURE</u></b>				
<b>4.3</b>	<b><u>Brickwork of NFX bricks (14MPa nominal compressive strength) in class II mortar</u></b>				
4.3.1	Piers	m <sup>3</sup>	1		
4.3.2	L-shaped piers	m <sup>3</sup>	1		
4.3.3	H-shaped piers	m <sup>3</sup>	1		
4.3.4	50mm cut lining to concrete	m <sup>2</sup>	1		
4.3.5	50mm cut lining to concrete circular on plan	m <sup>2</sup>	1		
4.3.6	Brick-on-edge walls	m <sup>2</sup>	1		
4.3.7	Half brick walls	m <sup>2</sup>	1		
4.3.8	Half brick walls circular on plan	m <sup>2</sup>	1		
4.3.9	Half brick walls against existing surfaces	m <sup>2</sup>	1		



**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
4.3.10	Half brick walls in beamfilling	m <sup>2</sup>	1		
4.3.11	Half brick walls in beamfilling circular on plan	m <sup>2</sup>	1		
4.3.12	Half brick lining to concrete columns	m <sup>2</sup>	1		
4.3.13	Half brick lining to concrete columns circular on plan	m <sup>2</sup>	1		
4.3.14	One brick walls	m <sup>2</sup>	1		
4.3.15	One brick walls circular on plan	m <sup>2</sup>	1		
4.3.16	One brick walls against existing surfaces	m <sup>2</sup>	1		
4.3.17	One brick walls in beamfilling	m <sup>2</sup>	1		
4.3.18	One brick walls in beamfilling circular on plan	m <sup>2</sup>	1		
4.3.19	280mm hollow walls of two half brick skins including wire tie	m <sup>2</sup>	1		
4.3.20	280mm hollow walls of two half brick skins including wire ties circular on plan	m <sup>2</sup>	1		
4.3.21	One and a half brick wall	m <sup>2</sup>	1		
4.3.22	One and a half brick wall circular on plan	m <sup>2</sup>	1		
4.3.23	390mm hollow walls of one half brick and one one brick skins including wire ties	m <sup>2</sup>	1		
4.3.24	390mm hollow walls of one half brick and one one brick skins including wire ties circular on plan	m <sup>2</sup>	1		
4.3.25	Two brick walls	m <sup>2</sup>	1		
4.3.26	Two brick walls circular on plan	m <sup>2</sup>	1		
4.3.27	Half brick kerb 170mm high	m	1		
4.3.28	Half brick kerb 170mm high circular on plan	m	1		
4.3.29	One brick kerb 170mm high	m	1		
4.3.30	One brick kerb 170mm high circular on plan	m	1		

4.4 Brickwork of concrete bricks (14MPa nominal compressive strength) in class II mortar

4.4.1	Piers	m³	1
4.4.2	L-shaped piers	m³	1
4.4.3	H-shaped piers	m³	1

**CONTRACT..8/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
4.4.4	50mm cut lining to concrete	m <sup>2</sup>	1		
4.4.5	50mm cut lining to concrete circular on plan	m <sup>2</sup>	1		
4.4.6	Brick-on-edge walls	m <sup>2</sup>	1		
4.4.7	Half brick walls	m <sup>2</sup>	1		
4.4.8	Half brick walls circular on plan	m <sup>2</sup>	1		
4.4.9	Half brick walls against existing surfaces	m <sup>2</sup>	1		
4.4.10	Half brick walls in beamfilling	m <sup>2</sup>	1		
4.4.11	Half brick walls in beamfilling circular on plan	m <sup>2</sup>	1		
4.4.12	Half brick lining to concrete columns	m <sup>2</sup>	1		
4.4.13	Half brick lining to concrete columns circular on plan	m <sup>2</sup>	1		
4.4.14	One brick walls	m <sup>2</sup>	1		
4.4.15	One brick walls circular on plan	m <sup>2</sup>	1		
4.4.16	One brick walls against existing surfaces	m <sup>2</sup>	1		
4.4.17	One brick walls in beamfilling	m <sup>2</sup>	1		
4.4.18	One brick walls in beamfilling circular on plan	m <sup>2</sup>	1		
4.4.19	280mm hollow walls of two half brick skins including wire tie	m <sup>2</sup>	1		
4.4.20	280mm hollow walls of two half brick skins including wire ties circular on plan	m <sup>2</sup>	1		
4.4.21	One and a half brick wall	m <sup>2</sup>	1		
4.4.22	One and a half brick wall circular on plan	m <sup>2</sup>	1		
4.4.23	390mm hollow walls of one half brick and one one brick skins including wire ties	m <sup>2</sup>	1		
4.4.24	390mm hollow walls of one half brick and one one brick skins including wire ties circular on plan	m <sup>2</sup>	1		
4.4.25	Two brick walls	m <sup>2</sup>	1		
4.4.26	Two brick walls circular on plan	m <sup>2</sup>	1		
4.4.27	Half brick kerb 170mm high	m	1		
4.4.28	Half brick kerb 170mm high circular on plan	m	1		
4.4.29	One brick kerb 170mm high	m	1		

**CONTRACT..8/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
4.4.30	One brick kerb 170mm high circular on plan	m	1		
	<b><u>BRICKWORK SUNDRIES</u></b>				
<b>4,5</b>	<b><u>Brickwork sundries</u></b>				
4.5.1	Cutting toothings and bonding new brickwork to existing	m <sup>2</sup>	1		
4.5.2	Extra for building brickwork to battered face with each course set back 55mm	m <sup>2</sup>	1		
4.5.3	Extra for building brickwork to battered face with sloping joints	m <sup>2</sup>	1		
4.5.4	Extra for building brickwork to oversail face with each course projecting 55mm	m <sup>2</sup>	1		
4.5.5	Splayed mortar fillet one course high in 50mm cavity	m	1		
4.5.6	Splayed mortar fillet two course high in 50mm cavity	m	1		
4.5.7	Closing 50mm cavity of hollow wall vertically with brickwork half brick wide	m	1		
4.5.8	Closing 50mm cavity of hollow wall horizontally with one course of brickwork	m	1		
4.5.9	Closing 50mm cavity of hollow wall horizontally with two course of brickwork	m	1		
4.5.10	Closing 50mm cavity at raking top of hollow wall with two course of brickwork	m	1		
<b>4,6</b>	<b><u>Reinforcing and stabilising brickwork</u></b>				
4.6.1	Cutting out and removing one course half brickwall and building in 1 x 110 x 75mm lintels in lengths not exceeding 3m	m	1		
4.6.2	Cutting out and removing one course one brickwall and building in 2 x 110 x 75mm lintels in lengths not exceeding 3m	m	1		
<b>4,7</b>	<b><u>Fair face to brickwork on horizontal stretcher bond pointed with flush horizontal and vertical joints</u></b>				
4.7.1	Extra for fair face	m <sup>2</sup>	1		
4.7.2	Half brick walls pointed both sides	m <sup>2</sup>	1		

CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>4.8</b>	<b><u>Fair face to brickwork on horizontal stretcher bond pointed with recessed horizontal and flush vertical joints</u></b>				
4.8.1	Extra for fair face	m <sup>2</sup>	1		
4.8.2	Half brick walls pointed both sides	m <sup>2</sup>	1		
<b>4.9</b>	<b><u>Fair face to brickwork on horizontal stretcher bond pointed with recessed horizontal and vertical joints</u></b>				
4.9.1	Extra for fair face	m <sup>2</sup>	1		
4.9.2	Half brick walls pointed both sides	m <sup>2</sup>	1		
<b>4.10</b>	<b><u>Bagging of 1:3 cement and sand mixture</u></b>				
4.10.1	On brick surfaces	m <sup>2</sup>	1		
4.10.2	On concrete surfaces including fins, irregularities	m <sup>2</sup>	1		
<b>4.11</b>	<b><u>Cement wash of 1:3 liquid cement and sand mixture applied with a brush</u></b>				
4.11.1	On brick surfaces	m <sup>2</sup>	1		
4.11.2	On concrete surfaces including fins, irregularities	m <sup>2</sup>	1		
<b>4.12</b>	<b><u>Joint forming material in movement joints</u></b>				
4.12.1	10mm Fibre board built in vertically between brick skins	m <sup>2</sup>	1		
4.12.2	10mm Fibre board built in vertically through brick walls	m <sup>2</sup>	1		
4.12.3	10mm Bitumen impregnated fibre board built in vertically between brick skins	m <sup>2</sup>	1		
4.12.4	10mm Bitumen impregnated fibre board built in vertically through brick walls	m <sup>2</sup>	1		
<b>4.13</b>	<b><u>Steel bar reinforcement</u></b>				
4.13.1	8mm diameter mild steel bar built in horizontally (0.395 kg/m)	kg	1		
4.13.2	10mm diameter high tensile steel bar built in horizontally (0.617 kg/m)	Kg	1		
<b>4.14</b>	<b><u>Reinforcement to brickwork</u></b>				
4.14.1	75mm wide brick force built in horizontally	m	1		
4.14.2	150mm wide brick force built in horizontally	m	1		
4.14.3	230mm wide brick force built in horizontally	m	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>4.15</b>	<b><u>Prestressed fabricated lintels</u></b>				
4.15.1	110 x 75mm. lintels in lengths not exceeding 3m.	m	1		
4.15.2	110 x 75mm. lintels in lengths exceeding 3m and not exceeding 4,5m	m	1		
4.15.3	150 x 75mm. lintels in lengths not exceeding 3m	m	1		
4.15.4	150 x 75mm. lintels in lengths exceeding 3m and not exceeding 4,5m	m	1		
<b>4.16</b>	<b><u>Galvanised wire ties etc</u></b>				
4.16.1	4mm diameter roof tie 2m girth bent double with one end fixed to timber and other end built into brickwork	no	1		
4.16.2	4mm diameter roof tie 2m girth bent double with one end fixed to timber and other end cast into concrete	no	1		
4.16.3	4mm diameter butterfly ties fixed to brickwork	no	1		
<b>4.17</b>	<b><u>Galvanised hoop iron cramps, ties, etc.</u></b>				
4.17.1	40 x 1,6mm "Tibond" wall tie strips shot pinned to concrete and with tie bent out and built into brickwork	no	1		
4.17.2	30 x 1,6mm cramp 300mm long with two ends fixed to brickwork	no	1		
4.17.3	30 x 1,6mm cramp 500mm long with one end fixed to wood and other end built into brickwork	no	1		
4.17.4	30 x 1,6mm wall tie 500mm long with one end cast into concrete and other end built into brickwork	no	1		
4.17.5	30 x 1,6mm wall tie 500mm long with one end shot pinned to concrete and other end built into brickwork	no	1		
4.17.6	30 x 1,6mm roof tie 1,5m long with one fixed to timber and other end built into brickwork	no	1		
4.17.7	30 x 1,6mm roof tie 1,5m long with one fixed to timber and other end cast into concrete	no	1		
4.17.8	30 x 1,6mm ceiling hanger 1m long with one fixed to timber and other end shot pinned to concrete	no	1		
<b>4.18</b>	<b><u>Air bricks etc</u></b>				
4.18.1	230 x 76mm clay vermin proof air brick	no	1		
4.18.2	230 x 150mm clay vermin proof air brick	no	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
4.18.3	230 x 160mm cement air brick	no	1		
	<b><u>FACE BRICKWORK</u></b>				
<b>4.19</b>	<b><u>Face brick pointed with recessed horizontal and vertical joints. (Allow P.C. amount of R3,200.00 per 1000 for supply and delivery)</u></b>				
4.19.1	Extra over ordinary brickwork for face brickwork in foundation	m²	1		
4.19.2	Extra over ordinary brickwork for face brickwork in foundations circular on plan	m²	1		
4.19.3	Extra over ordinary brickwork for face brickwork	m²	1		
4.19.4	Extra over ordinary brickwork for face brickwork circular on p	m²	1		
4.19.5	Extra over ordinary brickwork for face brickwork in soldier co	m²	1		
4.19.6	Extra over ordinary brickwork for face brickwork in soldier courses circular on plan	m²	1		
4.19.7	50mm cut lining to concrete	m²	1		
4.19.8	50mm cut lining to concrete circular on plan	m²	1		
4.19.9	Half brick wall pointed both sides	m²	1		
4.19.10	One brick walls in English bond pointed both sides	m²	1		
4.19.11	Extra over brickwork for brick-on-flat header course band	m	1		
4.19.12	Extra over brickwork for brick-on-edge header course band	m	1		
4.19.13	Extra over brickwork for brick-on-end soldier course band	m	1		
4.19.14	Extra over brickwork for brick-on-edge header course lintel	m	1		
4.19.14a	Extra over brickwork for brick-on-edge header course window sill set sloping	m	1		
4.19.15	Extra over brickwork for brick-on-edge header course lintel pointed one side and 110mm soffit	m	1		
4.19.16	Extra over brickwork for brick-on-end soldier course lintel	m	1		
4.19.17	Extra over brickwork for brick-on-edge soldier course lintel pointed one side and 110mm soffit	m	1		
4.19.17a	Fair raking cutting	m	1		
4.19.18	Fair splay cutting	m	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
4.19.19	Fair stepped cutting and fitting over treads and risers	m	1		
4.19.20	Fair circular cutting	m	1		
4.19.21	Fair cutting at squint quoin or birdsmouth angle	m	1		
4.19.22	Fair cutting to both sides at mitred squint quoin or birdsmouth angle	m	1		
4.19.23	Cutting toothings and bonding new face brickwork to existing	m	1		
4.19.24	Fair cutting and fitting around pipes not exceeding 100mm d	no	1		
4.19.25	Fair cutting and fitting around pipes exceeding 100mm diameter and not exceeding 200mm diameter	no	1		
	<b><u>SUNDRIES</u></b>				
	<b><u>Cleaning of face brick walls</u></b>				
4.19.26	Cleaning of Face Brick walls sugar soap or equally approved detergent	m2	1		
4.19.27	Steam cleaning of Face Brick walls	m2	1		
	<b><u>HERITAGE BUILDINGS ONLY - "Restore Old face brick in poor condition"</u></b>				
4.19.28	Patching and sealing of old face brick wall in bad condition	m2	1		
<b>4.20</b>	<b><u>Brick-on-edge header course copings, sills etc. of face brick as described</u></b>				
4.20.1	Coping on top of half brick wall	m	1		
4.20.2	Coping on top of one brick wall	m	1		
4.20.3	Coping on top of one and a half brick wall	m	1		
4.20.4	Coping on racking top of one brick wall	m	1		
4.20.5	Coping on top of one brick wall circular on plan	m	1		
4.20.6	230mm wide sills set level and slightly projecting	m	1		
4.20.7	230mm wide sills set sloping and slightly projecting	m	1		
<b>4.21</b>	<b><u>Fair arches, recesses, etc. of face brick as described</u></b>				
4.21.1	Extra over brickwork for segmental arch in half brick wall 900mm span and 340mm high formed of brick-on-edge header course ring pointed on soffit and one side including centre	no	1		



**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
4.21.2	Extra over brickwork for segmental arch in one brick wall 900mm span and 340mm high formed of brick-on-edge header course rings pointed on soffit and both sides including centre	no	1		
4.21.3	Extra over brickwork for 900mm diameter semi-circular arch in one brick wall formed of 2 brick-on-edge header course rings pointed on soffit and both sides including centre	no	1		
	<b><u>QUARRY TILES</u></b>				
<b>4.22</b>	<b><u>150x150x25mm quarry tiles on brickwork with continuous joints in both directions and pointed on all</u></b>				
4.22.1	150mm wide sill of one row of tiles set flat or sloping and slightly projecting	m	1		
4.22.2	150mm wide bullnosed edge sill of one row of tiles set flat or sloping and slightly projecting	m	1		
<b>4.23</b>	<b><u>300 x 300 x 10mm quarry tiles with continuous joints in both directions flush pointed on all exposed surfaces</u></b>				
4.23.1	Paving on 25mm thick mortar bed	m <sup>2</sup>	1		
4.23.2	Paving on average 50mm thick mortar bed to falls	m <sup>2</sup>	1		
4.23.3	Extra for 150mm wide band, margin, etc. in contrasting color	m	1		
4.23.4	Fair circular cutting	m	1		
4.23.5	300mm wide treads on 25mm thick mortar bed	m	1		
4.23.6	330mm wide treads with bullnosed edge on 25mm thick mortar bed	m	1		
4.23.7	170mm high risers on 25mm mortar bed	m	1		
	<b><u>NUTEC-CEMENT / FIBRE-CEMENT WINDOW SILLS</u></b>				
<b>4.24</b>	<b><u>Natural grey sills in single lengths bedded in class I mortar including metal fixing lugs etc</u></b>				
4.24.1	15 x 150mm wide sills set flat and slightly projecting	m	1		
4.24.2	15 x 200mm wide sills set sloping and slightly projecting	m	1		
	<b><u>DECORATIVE BLOCKS</u></b>				
<b>4.25</b>	<b><u>400 x 400 x 100mm Concrete grille blocks in class II mortar pointed with flush joints pointed on both sides</u></b>				

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
4.25.1	In walls	m <sup>2</sup>	1		
	<b><u>GLASS BRICK WALLS</u></b>				
<b>4.26</b>	<b><u>190 x 190 x 80mm "Ezylay System - Solaris Samba" or equal and approved glass blocks bedded and jointed in slow-setting class I mortar with continuous joints in both directions pointed in tinted mortar both sides with flush horizontal and vertical joints</u></b>				
4.26.1	80mm walls	m <sup>2</sup>	1		
4.26.2	80mm walls circular on plan	m <sup>2</sup>	1		
<b>4.27</b>	<b><u>190 x 190 x 80mm "Ezylay System - Solaris Light Diffusing" or equal and approved glass blocks bedded and jointed in slow-setting class I mortar with continuous joints in both directions pointed in tinted</u></b>				
4.27.1	80mm walls	m <sup>2</sup>	1		
4.27.2	80mm walls circular on plan	m <sup>2</sup>	1		
<b>4.28</b>	<b><u>Sundries in glass block walls</u></b>				
4.28.1	Two layers Type FV damp proof course horizontal slip joint below glass blocks	m <sup>2</sup>	1		
4.28.2	10mm expanded polystyrene (density 33kg per m <sup>3</sup> horizontal between top of glass blocks and structure	m <sup>2</sup>	1		
4.28.3	10mm expanded polystyrene (density 33kg per m <sup>3</sup> vertically between glass blocks and structure	m <sup>2</sup>	1		
4.28.4	8mm diameter galvanised mild steel bar reinforcement horizontally and vertically	kg	1		
<b>4.29</b>	<b><u>Vanity Slabs to tops</u></b>				
4.29.1	Granite slab 600mm wide	m	1		
4.29.2	Granite slab 900mm wide	m	1		
4.29.3	Open ended dog-leg shaped vanity basin 600mm wide at a 15deg angel with a 50 x 50 mm waste chanel, mounted on concealed steel angle brackets @ 7000mm centres. Including a 600mm high splashback all made of granite	no	1		
4.29.4	Extra over for cutting and opening of granite slab for stoves	no	1		
4.29.5	Extra over for cutting and opening of tap holes	no	1		

**CONTRACT..8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
TOTAL CARRIED TO SUMMARY					

Item No.	Description	UNIT	QTY	RATE	AMOUNT
----------	-------------	------	-----	------	--------

## **SCHEDULE No. 5**

### **WATERPROOFING**

Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.

### **SUPPLEMENTARY PREAMBLES**

Waterproofing to roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Description of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turndowns

### **DAMP PROOFING OF WALLS AND FLOORS**

#### **5,1 One layer of 375 micron "Gundle plastic Brikgrip DPC" embossed damp proof course**

5.1.1	In walls	m <sup>2</sup>	1
-------	----------	----------------	---

#### **5,2 One layer of 250 micron "Gundle Plastic USB Green" waterproofing sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"**

5.2.1	Under surface beds	m <sup>2</sup>	1
-------	--------------------	----------------	---

5.2.2	Vertically between walls	m <sup>2</sup>	1
-------	--------------------------	----------------	---

#### **5,3 One layer of 250 micron "Gundle Plastic Hyperelastic Orange" waterproofing sheeting sealed at laps with "Superstik" tape carried out**

5.3.1	Under surface beds	m <sup>2</sup>	1
-------	--------------------	----------------	---

5.3.2	Vertically between walls	m <sup>2</sup>	1
-------	--------------------------	----------------	---

#### **5,4 Two coats "Brickseal" bitumen emulsion waterproof coating**

5.4.1	On concrete floors	m <sup>2</sup>	1
-------	--------------------	----------------	---

5.4.2	On concrete walls, columns and beams	m <sup>2</sup>	1
-------	--------------------------------------	----------------	---

5.4.3	On concrete walls, columns and beams in foundations	m <sup>2</sup>	1
-------	---	----------------	---

5.4.4	On brick walls	m <sup>2</sup>	1
-------	----------------	----------------	---



**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>5,5</b>	<b><u>Primer and two coats "Durabit" rubber bitumen emulsion waterproof coating</u></b>				
5.5.1	On IBR, corrugated, etc. roof sheeting	m <sup>2</sup>	1		
5.5.2	On concrete floors	m <sup>2</sup>	1		
5.5.3	On concrete walls, columns and beams	m <sup>2</sup>	1		
5.5.4	On concrete walls, columns and beams in foundations	m <sup>2</sup>	1		
5.5.5	On brick walls	m <sup>2</sup>	1		
5.5.6	On brick bagged walls	m <sup>2</sup>	1		
<b>5,6</b>	<b><u>Primer and three coats "Durabit" rubber bitumen emulsion waterproof coating and one coat "Silvershield" aluminium coating</u></b>				
5.6.1	On concrete floors	m <sup>2</sup>	1		
5.6.2	On concrete walls, columns and beams	m <sup>2</sup>	1		
5.6.3	On concrete walls, columns and beams in foundations	m <sup>2</sup>	1		
5.6.4	On brick walls	m <sup>2</sup>	1		
5.6.5	On brick bagged walls	m <sup>2</sup>	1		
<b>5,7</b>	<b><u>4mm "Derbigum SP4" or equal and approved fully bonded waterproofing system carried out strictly in accordance with the manufacturer's instructions and under a Ten Year Insurance Backed Guarantee on materials and workmanship (On Concrete)</u></b>				
5.7.1	On flat floors	m <sup>2</sup>	1		
5.7.2	On sloping floors	m <sup>2</sup>	1		
5.7.3	On flat roofs	m <sup>2</sup>	1		
5.7.4	On flat wooden panels,roofs, etc	m <sup>2</sup>	1		

## BILL NO.1

### ON AN A3 AND On sloping roofs

m<sup>2</sup>

1

### 5.7.7

On parapet walls

 $m^2$ 

1

### 5.7.8

On tops and sides of invert beams

 $m^2$ 

1

### 5.7.9

On bottom and sides of floor ducts, channels, etc

 $m^2$ 

1

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
5.7.10	On bottom and sides of box gutters	m <sup>2</sup>	1		
5.7.11	On bottom and sides of planter boxes	m <sup>2</sup>	1		
5.7.12	On internal surfaces of 450 x 450 x 450mm deep sump, catchpit, etc	no	1		
5.7.13	Sealing edge to brickwork or concrete	m	1		
5.7.14	Sealing edge to brickwork or concrete including trowelled mastic bead	m	1		
5.7.15	Flashing strip 200mm girth a turn-ups including sealing top edge into groove with mastic	m	1		
5.7.16	Additional membrane 200mm girth at internal and external angles	m	1		
5.7.17	Additional membrane 200mm girth at internal and external angles circular on plan including darts as necessary	m	1		
5.7.18	Additional membrane 200mm girth a turn-ups including flashing strip 200mm girth and sealing top edge into groove with mastic	m	1		
5.7.19	Type 40 bituminous fibreglass felt protection layer with coarse building sand blinding loose laid over horizontal waterproofing with 50mm wide side and end	m <sup>2</sup>	1		
5.7.20	30 x 30mm softwood timber triangular fillet	m	1		
5.7.21	50 x 50mm softwood timber triangular fillet	m	1		
	<b><u>PROTECTIVE STONE DRESSING</u></b>				
<b>5,8</b>	<b><u>20mm crusher stone dressing evenly spread with larger stones around outlets</u></b>				
5.8.1	50mm thick on waterproofing to flat roofs	m <sup>2</sup>	1		
	<b><u>PROTECTIVE ROOFING PAINT</u></b>				
<b>5,9</b>	<b><u>Two coats bituminous aluminium paint</u></b>				
5.9.1	On waterproofing to roofs	m <sup>2</sup>	1		
5.9.2	On waterproofing to box gutters	m <sup>2</sup>	1		
	<b><u>JOINT SEALANTS, ETC.</u></b>				
<b>5,10</b>	<b><u>Silicone sealing compound including backing cord, bond breaker, primer, etc.</u></b>				



**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
5.10.1	6 x 12mm. in saw cut joints in concrete surface beds	m	1		
5.10.2	10 x 12mm. in expansion joints between concrete surface beds and brickwork including raking out joint filler as necessary	m	1		
5.10.3	10 x 12mm. in vertical expansion joints between brickwork or concrete surfaces including raking out	m	1		
5.10.4	10 x 12mm. in expansion joints in soffits raking out joint filler as necessary	m	1		
5.10.5	10 x 12mm. in expansion joints in soffits raking out joint filler as necessary	m	1		
<b>5,11</b>	<b><u>Clear silicon sealant</u></b>				
5.11.1	Between glazed tiles and sanitary fittings	m	1		
5.11.2	"The Works" or equivalent wet surface sealant	m	1		
	<b><u>EPOXY</u></b>				
<b>5,12</b>	<b><u>"EPOXY 319/20" epoxy floor and wall coating applied in strict accordance with the manufacturer's instructions</u></b>				
5.12.1	On screeded floors	m <sup>2</sup>	1		
5.12.2	On screeded seating slabs	m <sup>2</sup>	1		
5.12.3	On plastered walls	m <sup>2</sup>	1		
<b>5,13</b>	<b><u>Primer and two coats "Rubberising" bitumen emulsion waterproof coating</u></b>				
5.13.1	On concrete floors	m <sup>2</sup>	1		
5.13.2	On concrete walls, columns and beams	m <sup>2</sup>	1		
5.13.3	On concrete walls, columns and beams in foundations	m <sup>2</sup>	1		
5.13.4	On brick walls	m <sup>2</sup>	1		
5.13.5	On brick bagged walls	m <sup>2</sup>	1		
	<b><u>Fibre Flex membrane free "Flash Harry" or equally approved waterproofing</u></b>				
5.14.1	On flat roofs	m <sup>2</sup>	1		
5.14.2	On flat wooden panels, roofs, etc	m <sup>2</sup>	1		

**CONTRACT.8/2/2/445.: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
5.14.3	On sloping roofs	m²	1		
5.14.4	On sloping IBR roof sheeeting	m²	1		
5.14.5	On walls	m²	1		
5.14.6	On tops and sides of invert beams	m²	1		
<b>5,15</b>	<b><u>Bituminised heat-laminated layer of aluminium foil "Slatex 2000" or equivalent waterproofing to slate roofs</u></b>				
5.15.1	On flat roofs	m²	1		
5.15.2	On sloping roofs	m²	1		
<b>5,16</b>	<b><u>Two coats of one-component Siloxane "abe-wall seal" or equivalent waterporoofting repelent</u></b>				
5.16.1	On walls	m²	1		
5.16.2	On tops and sides of invert beams	m²	1		
<b>5,17</b>	<b><u>Bitumen emulsion "abe-Flintkote 3" or equivalent waterproofing</u></b>				
5.17.1	On concrete retaining walls	m²	1		
5.17.2	On basements	m²	1		
5.17.3	On abutments	m²	1		
5.17.4	On wingwalls	m²	1		
<b>5,18</b>	<b><u>Three coats of two-component "Vandex" or equivalent waterporoofting repelent</u></b>				
5.18.1	On walls	m²	1		
5.18.2	On tops and sides of invert beams	m²	1		

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
	<b>TOTAL CARRIED TO SUMMARY</b>				

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<b><u>SCHEDULE No. 6</u></b>				
	<b><u>ROOF COVERINGS ETC.</u></b>				
	Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	<b><u>Straight cutting</u></b>				
	Description of all roof coverings are deemed to include for all straight cutting				
	<b><u>TILES</u></b>				
6,1	<b><u>"Marley Mendip" or equal and approved profile M22 factory-coated through colour concrete roof tiles, size 420 x 332mm manufactured in accordance with SABS 542, of approved colour with matching fittings nailed and/or fixed with sawn softwood battens at 320mm centres on an underlay of SABS approved "Gundle" white 250 micron plastic sheeting laid horizontally over trusses, with minimum overlap of 150mm and secured with non-corrosive clout nails to the</u></b>				
6.1.1	Roof covering with pitch not exceeding 50 degrees	m²	1		
6.1.2	Side cladding at gable ends	m²	1		
6.1.3	Circular cutting	m	1		
6.1.4	Taper ridge tiles edge bedded and pointed in 1:3 cement/sand mortar tinted to match tile colour over 150mm wide DPC	m	1		
6.1.5	Taper hip tiles edge bedded and pointed in 1:3 cement/sand mortar tinted to match tile colour over 150mm wide DPC	m	1		
6.1.6	Verge capping tiles to match roofing tiles fixed with non-corrosive fixing accessories	m	1		
6.1.7	Purpose made tile to end ridge bedded and pointed in 1:3 cement mortar tinted to match existing colour	no	1		
6.1.8	Purpose made tile to two-way intersection of ridge with hips bedded and pointed in 1:3 cement mortar tinted to match existing colour	no	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
6.1.9	Open cut valley including cutting of tiles and waste to both sides forming a neat open channel of at least 100mm	m	1		
6.1.10	Cutting and waste at abutments, parapets and verges	m	1		
	<b>SUNDRIES</b>				
6.1.11	Making good and sealing loose tiles to roof	m	1		
<b>6,2</b>	<b><u>"Harveytile" 1675 x 397mm "Tufftile" Zincalume coated mild steel tile with stonecoat finish on one side fixed with serrated galvanized clout nails to and including 38 x 38mm sawn softwood batten underlay of SABS approved "Gundle" white 250 micron plastic sheeting with 150mm lapped and sealed joints laid horizontally over and secured with non-corrosive clout nails to the trusses</u></b>				
6.2.1	Roof covering with pitch not exceeding 50 degrees	m²	1		
6.2.2	Side cladding to gables, etc	m²	1		
6.2.3	Circular cutting	m	1		
6.2.4	Square ridge tapered capping to match roofing tile	m	1		
6.2.5	Angle ridge tapered capping to match roofing tile	m	1		
6.2.6	Square hip tapered capping to match roofing tile	m	1		
6.2.7	Angle hip tapered capping to match roofing tile	m	1		
6.2.8	Gable tapered trim to match roofing tile	m	1		
6.2.9	Bargeboard serrated cover to match roofing tile	m	1		
6.2.10	Sidewall serrated flashing to match roofing tile	m	1		
6.2.11	Headwall flashing to match roofing tile	m	1		
6.2.12	Cover flashing to match roofing tile	m	1		
6.2.13	Hip end cap	no	1		
6.2.14	Ridge end cap	no	1		
6.2.15	Junction of ridge with two hip capping	no	1		
6.2.16	Junction of ridge with one ridge capping	no	1		
6.2.17	Cutting and waste including bending edge of tiles up or down at abutments, parapets and verges	m	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
6.2.18	Cut valley including cutting of tiles and waste to both sides including bending edge of tiles down forming a neat 75mm open channel	m	1		
6.2.19	Cut valley including cutting of tiles and waste to both sides including bending edge of tiles down forming a	m	1		
6.2.20	Cut hip including cutting of tiles and waste to both sides including bending edge of tiles up forming a snug tapered fit	m	1		
	<b>SUNDRIES</b>				
6.2.21	Making good and sealing loose tiles to roof	m	1		
<b>6,3</b>	<b><u>THATCH</u></b>				
	<u>User note</u>				
	Grass in the Gauteng area suitable for thatch is the hyparrhenia species and is obtainable in lengths varying from 760 to 1020mm				
	The minimum density to which the above-mentioned grass should be compacted is 30kg/m <sup>2</sup> /150mm thickness				
	The fibre blanket usually consists of an interlay or an underlay of multilayered fire -retarded reinforced double-sided aluminium foil sheeting				
<b>6,3</b>	<u>150mm Thick thatch of hand cut grass of the hyparrhenia hirta species in lengths varying from 760 to 1020mm laid in bundles of suitable size, compacted to a minimum density of 30kg/m<sup>2</sup>/150mm thickness and fixed by means of suitable fixing rods interlaced through and over the bundles at not exceeding 600mm centres and secured with tarred twine to and including eucalyptus battens CCa treated in accordance with SANS 457-2, varying in diameter from 20 to 40mm, spaced at maximum 300mm centres generally and at closer centres nearer to eaves, including a fire-retardent interlay of multi-layered reinforced double-sided aluminium foil sheeting in accordance with SANS 1381-4 with mass of not less than 272g/m<sup>2</sup> and a Class I fire rating in accordance with SANS 0177-3</u>				
6.3.1	Covering to general roof slopes	m <sup>2</sup>	1		
6.3.2	Covering to general roof slopes including a spreadlayer to exposed soffit	m <sup>2</sup>	1		

**CONTRACT..8/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
6.3.3	Coverings to dormers, turrets, etc	m²	1		
6.3.4	Ridges formed by extending covering above ridge level on the one roof slope, bending over and down on the opposite slope and fixing and securing as described for roof covering and repeating the process on the other roof slope including covering with galvanised wire bird netting 900mm girth and necessary additional fixing rods	m	1		
6.3.5	Purpose made continuous glass fibre ridge capping of not less than 1.5mm thick material 1300mm girth and in suitable lengths, securely fixed to thatch with 75mm wire lapped and sealed heading joints including grass filling under	m	1		
6.3.6	Extra over ridge capping for purpose made angle piece	no	1		
6.3.7	Extra over ridge capping for purpose made curved returned end piece	no	1		
	<b><u>PROFILED FIBRE-CEMENT SHEETING AND ACCESSORIES</u></b>				
<b>6.4</b>	<b><u>"Nutec Bigsix" sheeting fixed to timber/steel purlins or rails</u></b>				
6.4.1	Roof covering with pitch not exceeding 50 degrees with side and end laps sealed with 12 x 25mm closed cell impregnated polyurethane foam strips	m²	1		
6.4.2	Side cladding	m²	1		
6.4.3	Extra over roof covering for soaker flange sheet suitable for ventilator with throat size 850 x 460mm	no	1		
6.4.4	Circular cutting	m	1		
6.4.5	Side apron flashing	m	1		
6.4.6	End apron flashing	m	1		
6.4.7	Plain fixed angle ridge/hip capping flashing	m	1		
6.4.8	Plain adjustable ridge/hip capping flashing	m	1		
6.4.9	Fixed angle wide profile ridge sheets	m	1		
6.4.10	Close fitting adjustable ridge capping	m	1		
6.4.11	Fixed angle sawtooth ridge capping	m	1		

**CONTRACT..8/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
6.4.12	Adjustable sawtooth ridge capping	m	1		
6.4.13	Birdproofing	m	1		
6.4.14	Eaves fillers	m	1		
6.4.15	Straight sill flashing	m	1		
6.4.16	U-flashing	m	1		
6.4.17	Hip and end cap	no	1		
6.4.18	Ridge end cap	no	1		
6.4.19	Junction of ridge with two hip cappings	no	1		
	<b><u>PROFILED METAL SHEETING AND ACCESSORIES</u></b>				
<b>6,5</b>	<b><u>0,58mm corrugated profile roll-formed Z275 spelter galvanised steel sheeting, in single lengths, fixed to timber/steel purlins or rails and 0,58mm galvanised sheet steel accessories</u></b>				
6.5.1	Roof covering with pitch not exceeding 50 degrees	m²	1		
6.5.2	Roof covering with pitch not exceeding 50 degrees side laps seam stitched	m²	1		
6.5.3	Roof covering with pitch not exceeding 50 degrees side laps seal with 6 x 20mm closed cell impregnated polyurethane strips and seam stitched	m²	1		
6.5.4	Side cladding	m²	1		
6.5.5	Side cladding circular on plan to 3,0m radius	m²	1		
6.5.6	Roof covering and side cladding to dormers, turrets, etc	m²	1		
6.5.7	Extra over roof covering /side cladding for 1,25mm semi-opaque 90% light transmission "Modek -	m²	1		
6.5.8	Circular cutting	m	1		
6.5.9	Extra over roof covering for 20 degree crank to form ridge	m	1		
6.5.10	Extra over roof covering for 110 degrees bullnose to form 450mm radius at edge	m	1		
6.5.11	Ridge capping 462mm girth	m	1		
6.5.12	Hip capping 462mm girth	m	1		



**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
6.5.13	Side wall flashing 308mm girth	m	1		
6.5.14	Head wall flashing 308mm girth	m	1		
6.5.15	Cover flashing 154mm girth	m	1		
6.5.16	Gable trim 308mm girth	m	1		
6.5.17	Apex flashing 462mm girth	m	1		
6.5.18	Corner trim 462mm girth	m	1		
6.5.19	Apron flashing 462mm girth	m	1		
6.5.20	Drip flashing 154mm girth	m	1		
6.5.21	Sill flashing 308mm girth	m	1		
6.5.22	Jamb flashing 308mm girth	m	1		
6.5.23	Narrow and broad flute closers	m	1		
6.5.24	Narrow and broad flute closers raking at valleys or hips	m	1		
6.5.25	Moulded narrow and broad rib polyethylene filler blocks	m	1		
6.5.26	Moulded narrow and broad rib polyethylene filler blocks raking at valleys and hips	m	1		
	<b>SUNDRIES</b>				
6.5.27	Making good roof sheeting by screwing and sealing of loose or missing screws /nails. Sealing using waterproofing	m2	1		
<b>6,6</b>	<b><u>0.58mm corrugated profile roll-formed Z275 spelter galvanised steel sheeting with "Global-Sil" finish on one side, in single lengths fixed to timber/steel purlins or rails and 0.58mm galvanised sheet steel accessories with "Global-</u></b>				
6.6.1	Roof covering with pitch not exceeding 50 degrees	m²	1		
6.6.2	Roof covering with pitch not exceeding 50 degrees with side laps seam stitched	m²	1		
6.6.3	Roof covering with pitch not exceeding 50 degrees with side laps seal with 6 x 20mm closed cell impregnated polyurethane strips and seam stitched	m²	1		
6.6.4	Side cladding	m²	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
6.6.5	Side cladding circular on plan to 3,0m radius	m <sup>2</sup>	1		
6.6.6	Roof covering and side cladding to dormers, turrets, etc	m <sup>2</sup>	1		
6.6.7	Circular cutting	m	1		
6.6.8	Extra over roof covering for 20 degree crank to form ridge	m	1		
6.6.9	Extra over roof covering for 110 degrees bullnose to form 450mm radius at edge	m	1		
6.6.10	Ridge capping 462mm girth	m	1		
6.6.11	Hip capping 462mm girth	m	1		
6.6.12	Side wall flashing 308mm girth	m	1		
6.6.13	Head wall flashing 308mm girth	m	1		
6.6.14	Cover flashing 154mm girth	m	1		
6.6.15	Gable trim 308mm girth	m	1		
6.6.16	Apex flashing 462mm girth	m	1		
6.6.17	Corner trim 462mm girth	m	1		
6.6.18	Apron flashing 462mm girth	m	1		
6.6.19	Drip flashing 154mm girth	m	1		
6.6.20	Sill flashing 308mm girth	m	1		
6.6.21	Jamb flashing 308mm girth	m	1		
6.6.22	Narrow and broad flute closers	m	1		
6.6.23	Narrow and broad flute closers raking at valleys or hips	m	1		
6.6.24	Moulded narrow and broad rib polyethylene filler blocks	m	1		
6.6.25	Moulded narrow and broad rib polyethylene filler blocks raking at valleys and hips	m	1		
	<b>SUNDRIES</b>				
6.6.26	Making good roof sheeting by screwing and sealing of loose or missing screws /nails. Sealing using waterproofing	m <sup>2</sup>	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>6,7</b>	<b><u>0,58mm IBR profile Z275 spelter galvanised steel troughed sheeting, in single lengths fixed to timber/steel purlins or rails and 0,58mm galvanised sheet steel accessories</u></b>				
6.7.1	Roof covering with pitch not exceeding 50 degrees	m²	1		
6.7.2	Roof covering with pitch not exceeding 50 degrees with side laps seam stitched	m²	1		
6.7.3	Roof covering with pitch not exceeding 50 degrees with side laps seal with 6 x 20mm closed cell impregnated polyurethane strips and seam stitched	m²	1		
6.7.4	Side cladding	m²	1		
6.7.5	Side cladding circular on plan to 3,0m radius	m²	1		
6.7.6	Roof covering and side cladding to dormers, turrets, etc	m²	1		
6.7.7	Extra over roof covering /side cladding for 1,25mm semi-opaque 90% light transmission "Modek -	m²	1		
6.7.8	Circular cutting	m	1		
6.7.9	Extra over roof covering for 20 degree crank to form ridge	m	1		
6.7.10	Extra over roof covering for 110 degrees bullnose to form 450mm radius at edge	m	1		
6.7.11	Ridge capping 462mm girth	m	1		
6.7.12	Hip capping 462mm girth	m	1		
6.7.13	Side wall flashing 308mm girth	m	1		
6.7.14	Head wall flashing 308mm girth	m	1		
6.7.15	Cover flashing 154mm girth	m	1		
6.7.16	Gable trim 308mm girth	m	1		
6.7.17	Apex flashing 462mm girth	m	1		
6.7.18	Corner trim 462mm girth	m	1		
6.7.19	Apron flashing 462mm girth	m	1		
6.7.20	Drip flashing 154mm girth	m	1		
6.7.21	Sill flashing 308mm girth	m	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
6.7.22	Jamb flashing 308mm girth	m	1		
6.7.23	Narrow and broad flute closers	m	1		
6.7.24	Narrow and broad flute closers raking at valleys or hips	m	1		
6.7.25	Moulded narrow and broad rib polyethylene filler blocks	m	1		
6.7.26	Moulded narrow and broad rib polyethylene filler blocks raking at valleys and hips	m	1		
	<b>SUNDRIES</b>				
6.7.27	Making good roof sheeting by screwing and sealing of loose or missing screws /nails. Sealing using waterproofing	m2	1		
<b>6,8</b>	<b><u>0,58mm. IBR profile Z275 spelter galvanised steel troughed sheeting with "Global-Sil" finish on one side, in single lengths fixed to steel purlins or rails and 0,58mm galvanised sheet steel</u></b>				
6.8.1	Roof covering with pitch not exceeding 50 degrees	m²	1		
6.8.2	Roof covering with pitch not exceeding 50 degrees with side laps seam stitched	m²	1		
6.8.3	Roof covering with pitch not exceeding 50 degrees with side laps seal with 6 x 20mm closed cell impregnated polyurethane strips and seam stitched	m²	1		
6.8.3a	Side cladding	m²	1		
6.8.4	Side cladding circular on plan to 3,0m radius	m²	1		
6.8.5	Roof covering and side cladding to dormers, turrets, etc	m²	1		
6.8.6	Circular cutting	m	1		
6.8.7	Extra over roof covering for 20 degree crank to form ridge	m	1		
6.8.9	Extra over roof covering for 110 degrees bullnose to form 450mm radius at edge	m	1		
6.8.10	Ridge capping 462mm girth	m	1		
6.8.11	Hip capping 462mm girth	m	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
6.8.12	Side wall flashing 308mm girth	m	1		
6.8.13	Head wall flashing 308mm girth	m	1		
6.8.14	Cover flashing 154mm girth	m	1		
6.8.15	Gable trim 308mm girth	m	1		
6.8.16	Apex flashing 462mm girth	m	1		
6.8.17	Corner trim 462mm girth	m	1		
6.8.18	Apron flashing 462mm girth	m	1		
6.8.19	Drip flashing 154mm girth	m	1		
6.8.20	Sill flashing 308mm girth	m	1		
6.8.21	Jamb flashing 308mm girth	m	1		
6.8.22	Narrow and broad flute closers	m	1		
6.8.23	Narrow and broad flute closers raking at valleys or hips	m	1		
6.8.24	Moulded narrow and broad rib polyethylene filler blocks	m	1		
6.8.25	Moulded narrow and broad rib polyethylene filler blocks raking at valleys and hips	m	1		
	<b>SUNDRIES</b>				
6.8.26	Making good roof sheeting by screwing and sealing of loose or missing screws /nails. Sealing using waterproofing	m2	1		
<b>6,9</b>	<b><u>0,6mm "Klip-lok 700" Z275 spelter galvanised ribbed sheet steel in single lengths fixed to timber/steel purlins or rails and 0,58mm galvanised sheet steel accessories</u></b>				
6.9.1	Roof covering with pitch not exceeding 50 degrees	m²	1		
6.9.2	Side cladding	m²	1		
6.9.3	Roof covering and side cladding to dormers, turrets, etc	m²	1		
6.9.4	Extra over roof covering /side cladding for 1,25mm semi-opaque 90% light transmission "Modek -	m²	1		
6.9.5	Circular cutting	m	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
6.9.6	Extra over roof covering for 20 degree crank to form ridge	m	1		
6.9.7	Extra over roof covering for 110 degrees bullnose to form 450mm radius at edge	m	1		
6.9.8	Ridge capping 550mm girth	m	1		
6.9.9	Hip capping 550mm girth	m	1		
6.9.10	Side wall flashing 408mm girth	m	1		
6.9.11	Head wall flashing 375mm girth	m	1		
6.9.12	Counter flashing 185mm girth	m	1		
6.9.13	Gable trim 580mm girth	m	1		
6.9.14	Apex flashing 550mm girth	m	1		
6.9.15	Corner trim 616mm girth	m	1		
6.9.16	Apron flashing 375mm girth	m	1		
6.9.17	Drip flashing 231mm girth	m	1		
6.9.18	Sill flashing 185mm girth	m	1		
6.9.19	Jamb flashing 308mm girth	m	1		
<b>6,10</b>	<b><u>0,6mm "Klip-lok 700" Z275 spelter galvanised ribbed sheet steel with "Global-Sil" finish on one side, in single lengths fixed to timber/steel purlins or rails and 0,58mm galvanised sheet</u></b>				
6.10.1	Roof covering with pitch not exceeding 50 degrees	m <sup>2</sup>	1		
6.10.2	Side cladding	m <sup>2</sup>	1		
6.10.3	Roof covering and side cladding to dormers, turrets, etc	m <sup>2</sup>	1		
6.10.4	Circular cutting	m	1		
6.10.5	Extra over roof covering for 20 degree crank to form ridge	m	1		
6.10.6	Extra over roof covering for 110 degrees bullnose to form 450mm radius at edge	m	1		
6.10.7	Ridge capping 550mm girth	m	1		
6.10.8	Hip capping 550mm girth	m	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
6.10.9	Side wall flashing 408mm girth	m	1		
6.10.10	Head wall flashing 375mm girth	m	1		
6.10.11	Counter flashing 185mm girth	m	1		
6.10.12	Gable trim 580mm girth	m	1		
6.10.13	Apex flashing 550mm girth	m	1		
6.10.14	Corner trim 616mm girth	m	1		
6.10.15	Apron flashing 375mm girth	m	1		
6.10.16	Drip flashing 231mm girth	m	1		
6.10.17	Sill flashing 185mm girth	m	1		
6.10.18	Jamb flashing 308mm girth	m	1		
	<b><u>ROOF VENTILATORS</u></b>				
<b>6,11</b>	<b><u>"Everite"</u></b>				
6.11.1	"Nutec Ventair Product No. 760-270" fibre-cement ventilator fixed on soaker flange sheet (soaker flange sheet elsewhere) including sealing strips, fixing accessories, etc	m	1		
	<b><u>ROOF AND WALL INSULATION</u></b>				
<b>6,12</b>	<b><u>"Sisalation RSA 420" heavy industrial grade aluminium foil based insulation</u></b>				
6.12.1	Insulation laid taut over purlins (at approximately 1800mm centres) and fixed concurrent with roof covering including galvanised steel straining wires	m <sup>2</sup>	1		
<b>6,13</b>	<b><u>"Sisalation RSA 410" residential grade glass fibre reinforced aluminium foil bonded insulation</u></b>				
6.13.1	Insulation laid taut over rafters (at approximately 1200mm centres) and fixed concurrent with tiling battens, purlins, etc	m <sup>2</sup>	1		
	<b><u>SHEET METAL FLASHINGS, LININGS, COPINGS, ETC.</u></b>				
<b>6,14</b>	<b><u>0,58mm. galvanised sheet iron</u></b>				
6.14.1	Flashings	m <sup>2</sup>	1		
6.14.2	Stepped cover flashings	m <sup>2</sup>	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
6.14.3	Stepped cover flashings to roof pitches exceeding 50	m²	1		
6.14.4	Soakers	m²	1		
6.14.5	Lining to valleys with riveted and soldered joints	m²	1		
6.14.6	Lining to box gutters with riveted and soldered joints	m²	1		
6.14.7	Copings with riveted and soldered joints attached with suitable clips at 500mm centres along both edges, riveted to coping and plugged to brickwork or concrete	m²	1		
6.14.8	Antguards	m²	1		
6.14.9	Circular cutting	m	1		
<b>6.15</b>	<b><u>0,58mm. galvanised sheet iron with "Global-Sil" finish on one side</u></b>				
6.15.1	Flashings	m²	1		
6.15.2	Stepped cover flashings	m²	1		
6.15.3	Stepped cover flashings to roof pitches exceeding 50	m²	1		
6.15.4	Soakers	m²	1		
6.15.5	Lining to valleys with riveted and soldered joints	m²	1		
6.15.6	Lining to box gutters with riveted and soldered joints	m²	1		
6.15.7	Copings with riveted and soldered joints attached with suitable clips at 500mm centres along both edges, riveted to coping and plugged to brickwork or concrete	m²	1		
6.15.8	Antguards	m²	1		
6.15.9	Circular cutting	m	1		
	<b><u>SLATES</u></b>				
<b>6.16.</b>	<b><u>420 X 330mm "Marley Eternit" slates or equally approved laid in single thickness with a headlap of 90mm on underlay of bituminous roofing felt in accordance with SANS 92 Type 60 faced with 0.1mm aluminium foil over half its width with 150mm head laps and with tops of slates nailed with galvanised</u></b>				



CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
steel clout nails to and including

BILL NO.1      38 x 25mm sawn softwood battens at 450mm  
centres

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
6.16.1	Roof covering with pitches not exceeding 25 degrees	m <sup>2</sup>	1		
6.16.2	Roof covering with pitches not exceeding 25 degrees, circular across the fall to ?m radius	m <sup>2</sup>	1		
	<b><u>Roof covering circular along the fall not exceeding 6m radius</u></b>				
6.16.3	Roof covering to conical shape with a 25 degree pitch and aradius varying from ?m to ?m, including cutting slates to wedge shape	m <sup>2</sup>	1		
6.16.4	Side cladding to gables etc	m <sup>2</sup>	1		
6.16.5	Side cladding to gables etc circular on plan to ?m radius	m <sup>2</sup>	1		
6.16.6	Soft cladding to eaves overhangs etc	m <sup>2</sup>	1		
6.16.7	Roof covering in side cladding to dormers, turrets, etc	m <sup>2</sup>	1		
6.16.8	Circular cutting	m	1		
6.16.9	Extra on roof covering for double course at eaves including fixing clips and 38 x 38mm softwood tilting fillet	m	1		
6.16.10	Close cut and mitred ridge including soakers of bituminous roofing felt in accordance with SANS 92 Type 60 and necessary additional battens	m	1		
6.16.11	Close cut and mitred valley including soakers of bituminous roofing felt in accordance with SANS 92 Type 60 and necessary additional battens	m	1		
6.16.12	Close cut and mitred vertical angle including soakers of bituminous roofing felt in accordance with SANS 92 Type 60 and necessary additional battens	m	1		
	<b>SUNDRIES</b>				
6.16.13	Making good and sealing slate tiles and shingles to roof	m2	1		
	<b><u>RAINWATER DISPOSAL</u></b>				
<b>6.17.</b>	<b><u>0,6mm Galvanised sheet iron</u></b>				
6.17.1	125mm Half round eaves gutter with beaded front edge including fixing brackets	m	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
6.17.2	Extra over 125mm half round eaves gutter for stopped end	no	1		
6.17.3	Extra over 125mm half round eaves gutter for angle	no	1		
6.17.4	Extra over 125mm half round eaves gutter for outlet for 76mm diameter pipe	no	1		
6.17.5	76mm diameter rainwater pipes	m	1		
6.17.6	Extra over 76mm diameter rainwater pipe for bend	no	1		
6.17.7	Extra over 76mm diameter rainwater pipe for shoe	no	1		
6.17.8	100 x 125mm eaves gutter with beaded front edge including fixing brackets	m	1		
6.17.9	Extra over 100 x 125mm eaves gutter for stopped end	no	1		
6.17.10	Extra over 100 x 125mm eaves gutter for angle	no	1		
6.17.11	Extra over 100 x 125mm eaves gutter for 100 x 76mm outlet	no	1		
6.17.12	Extra over 76mm diameter rainwater pipe for outlet	no	1		
6.17.13	100 x 76mm rainwater pipes	m	1		
6.17.14	Extra over 100 x 76mm rainwater pipe for soldered bend	no	1		
6.17.15	Extra over 100 x 76mm rainwater pipe for soldered shoe	no	1		
6,18	<b><u>Extruded Seamless Aluminium</u></b>				
6.18.1	125 x 85mm OGEE eaves gutter	m	1		
6.18.2	125 x 85mm eaves gutter stopped end	no	1		
6.18.3	125 x 85mm eaves gutter mitre corner	no	1		
6.18.4	75 x 50mm eaves gutter outlet	no	1		
6.18.5	75 x 50mm fluted rainwater pipe	m	1		
6.18.6	75 x 50mm crimped rainwater pipe bend	no	1		
6.18.7	75 x 50mm crimped rainwater pipe shoe	no	1		
6.18.8	150 x 125mm OGEE eaves gutter	m	1		
6.18.9	150 x 125mm eaves gutter stopped end	no	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
6.18.10	150 x 125mm eaves gutter mitre corner	no	1		
6.18.11	100 x 75mm eaves gutter outlet	no	1		
6.18.12	100 x 75mm fluted rainwater pipe	m	1		
6.18.13	100 x 75mm crimped rainwater pipe bend	no	1		
6.18.14	100 x 75mm crimped rainwater pipe shoe	no	1		
<b><u>REPLACE DAMAGED GUTTERS AND DOWNPIPES</u></b>					
<b><u>Carefully cut and remove gutter and / or down pipe in damaged section, replace with new including gutter brackets, pipe clips, making water tight at joints, prepare and paint to match existing and leave in good working order.</u></b>					
6,19	<b><u>0,6mm Galvanised Sheet Iron</u></b>				
6.19.1	125mm Half round eaves gutter with beaded front edge	m	1		
6.19.2	125mm half round eaves gutter stopped end	no	1		
6.19.3	125mm half round eaves gutter angle	no	1		
6.19.4	125mm half round eaves gutter outlet for 76mm diameter pipe	no	1		
6.19.5	76mm diameter rainwater pipe	m	1		
6.19.6	76mm diameter rainwater pipe bend	no	1		
6.19.7	76mm diameter rainwater pipe shoe	no	1		
6.19.8	100 x 125mm eaves gutter with beaded front edge	m	1		
6.19.9	100 x 125mm eaves gutter stopped end	no	1		
6.19.10	100 x 125mm eaves gutter angle	no	1		
6.19.11	100 x 76mm eaves gutter outlet	no	1		
6.19.12	100 x 76mm rainwater pipe	m	1		
6.19.13	100 x 76mm rainwater pipe soldered bend	no	1		

100 x 76mm rainwater pipe soldered shoe no 1

6.19.14  
BILL NO:1

6.20. Sundries

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
6.20.1	Replace or install new gutter bracket and / or pipe clip	no	1		
6.20.2	Repair leaking joint to Galvanised Iron gutter and / or down pipe not exceeding 500mm girth	no	1		
6.20.3	Repair leaking joint to Aluminium gutter and / or down pipe not exceeding 500mm girth	no	1		
6.20.4	Repair leaking joint to Galvanised Iron down pipe not exceeding 350mm diameter	no	1		
6.20.5	Replace or install new 80 or 100mm Full-bore cast iron outlet grating	no	1		
<b>TOTAL CARRIED TO SUMMARY</b>					

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<p><b><u>SCHEDULE No. 7</u></b></p> <p><b><u>CARPENTRY AND JOINERY</u></b></p> <p>Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Particle board</u></b></p> <p>Particle board shall comply with the following specifications:</p> <p>a) SABS 1300 Particle board: exterior and flooring type</p> <p>b) SABS 1301 Particle board: interior type</p> <p><b><u>Joinery</u></b></p> <p>Description of frames shall be deemed to include frames, transoms, mullions, rails, etc</p> <p>Description of hardwood joinery shall be deemed to include pelleting of bolt holes</p> <p><b><u>Fixings</u></b></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete.</p> <p><b><u>Decorative laminated finish</u></b></p> <p>Laminated finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p> <p><b><u>ROOFS, ETC</u></b></p> <p><b><u>Prefabricated timber roof construction complete, including battens, runners, bracing, hips, valleys, cleats, etc., designed, supplied and fixed complete</u></b></p>				
7,1	<b><u>Flat roof construction for rectangular shaped</u></b>				
7.1.1	Flat roof construction for rectangular shaped building with a 400mm overhang projection on both sides	m²	1,00		
7,2	<b><u>Pitched roof construction for rectangular shaped</u></b>				
7.2.1	Mono pitch roof trusses for rectangular shaped building with a pitch not exceeding 27° and a 500mm eaves overhang projection on one side, erected in position complete	no	1,00		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.2.2	Double pitch roof trusses for rectangular shaped building with a pitch not exceeding 27° and a 500mm eaves overhang projection on one side, erected in position complete	no	1,00		
<b>7,3</b>	<b><u>Sawn softwood grade 4</u></b>				
7.3.1	38 x 38mm Battens	m	1		
7.3.2	38 x 76mm Tilting battens	m	1		
7.3.3	38 x 76mm wall plates	m	1		
7.3.4	38 x 76mm wall plates bolted	m	1		
7.3.5	50 x 76mm bracing	m	1		
7.3.6	50 x 76mm hangers	m	1		
7.3.7	50 x 75mm purlins	m	1		
7.3.8	50 x 50mm trimmers	m	1		
7.3.9	38 x 152mm sprockets	m	1		
7.3.10	38 x 114mm Ceiling joists in lengths not exceeding 2,4m	m	1		
7.3.11	50 x 152mm Ceiling joists in lengths exceeding 2,4m and not exceeding 3,9m	m	1		
7.3.12	38 x 114mm Rafters in lengths not exceeding 2,4m	m	1		
7.3.13	50 x 152mm Rafters in lengths exceeding 2,4m and not exceeding 3,9m	m	1		
7.3.14	76 x 152mm Rafters in lengths exceeding 3,9m and not exceeding 6,6m	m	1		
7.3.15	38 x 114mm Bearers in lengths not exceeding 2,4mm	m	1		
7.3.16	50 x 152mm Bearers in lengths exceeding 2,4mm and not exceeding 3,9mm	m	1		
7.3.17	76 x 152mm Bearers in lengths exceeding 3,9m and not exceeding 6,6m	m	1		
<b>7,4</b>	<b><u>Sawn softwood grade 6</u></b>				
7.4.1	76 x 228mm Rafters in lengths exceeding 3,9m and not exceeding 6,6m	m	1		
7.4.2	76 x 228mm Rafters in lengths exceeding 6,6m	m	1		



BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.4.3	76 x 228mm Bearers in lengths exceeding 3,9m and not exceeding 6,6m	m	1		
7.4.4	76 x 228mm Bearers in lengths exceeding 6,6m	m	1		
<b>7,5</b>	<b><u>Wrought softwood grade 6</u></b>				
7.5.1	76 x 228mm Rafters in lengths exceeding 3,9m and not exceeding 6,6m	m	1		
7.5.2	76 x 228mm Rafters in lengths exceeding 6,6m	m	1		
7.5.3	76 x 228mm Bearers in lengths exceeding 3,9m and not exceeding 6,6m	m	1		
7.5.4	76 x 228mm Bearers in lengths exceeding 6,6m	m	1		
<b>7,6</b>	<b><u>Sundries</u></b>				
7.6.1	Two coats creosote on sawn timbers	m <sup>2</sup>	1		
7.6.2	2.5 mm diameter galvanised wire tie 2m girth wrapped around rafter and purlin with ends tied together	no	1		
7.6.3	30 x 1,6mm galvanised hoop iron roof tie 1500mm girth with each end fixed to timber	no	1		
7.6.4	4.5mm Diameter galvanised wire tie 1500mm girth with one end fixed to timber and other end built into brickwork	no	1		
	<b><u>EAVES, VERGES, ETC</u></b>				
<b>7,7</b>	<b><u>Sawn softwood</u></b>				
7.7.1	38 x 38mm Branders	m	1		
7.7.2	38 x 114mm Bearers	m	1		
7.7.3	38 x 114mm Hangers	m	1		
<b>7,8</b>	<b><u>Wrought softwood</u></b>				
7.8.1	Eaves soffit covering of 25 x 38mm slates at 60mm centres including galvanised wire bird mesh backing	m <sup>2</sup>	1		
7.8.2	Verge soffit covering of 25 x 38mm slates at 60mm centres including galvanised wire bird mesh backing	m <sup>2</sup>	1		
<b>7,9</b>	<b><u>Wrought Meranti</u></b>				
7.9.1	Eaves soffit covering of 22 x 96mm tongued and grooved boarding	m <sup>2</sup>	1		
7.9.2	38 x 38mm Branders	m	1		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.9.3	38 x 114mm Bearers	m	1		
7.9.4	38 x 114mm Hangers	m	1		
7.9.5	38 x 38mm Branders wrought on one surface	m	1		
7.9.6	19mm Quadrant beads	m	1		
7.9.7	10 x 20mm Beads	m	1		
7.9.8	32mm Half round cover strips	m	1		
7.9.9	10 x 32mm Cover strips	m	1		
7.9.10	22 x 144mm Fascias and barge boards	m	1		
<b>7,10</b>	<b><u>"Everite" high density plain Pressed Nutec-cement</u></b>				
7.10.1	Eaves soffit covering of 4mm thick sheets (branders elsewhere) with H-type pressed steel jointing strips	m <sup>2</sup>	1		
7.10.2	Eaves soffit covering of 4mm thick sheets with H-type pressed steel jointing strips including 38 x 38mm sawn softwood brandering along edges, along centre and at 400mm centres across sheets	m <sup>2</sup>	1		
7.10.3	12 x 225mm fascias and barge boards including galvanised steel H-profile jointing strips	m	1		
	<b><u>FLOORS</u></b>				
<b>7,11</b>	<b><u>Sawn Softwood</u></b>				
7.11.1	38 x 76mm Battens wired to concrete (wire ties elsewhere)	m	1		
7.11.2	50 x 150mm Floor joists in lengths not exceeding 2.4m	m	1		
7.11.3	50 x 150mm Floor joists in lengths exceeding 2.4m and not exceeding 3.9m	m	1		
7.11.4	50 x 150mm Floor joists in lengths exceeding 3.9m and not exceeding 6.6m	m	1		
7.11.5	50 x 150mm Floor joists in lengths exceeding 6.6m	m	1		
7.11.6	76 x 152mm Bearers in lengths exceeding 3.9m and not exceeding 6.6m	m	1		
7.11.7	76 x 152mm Bearers in lengths exceeding 6.6m	m	1		
<b>7,12</b>	<b><u>Wrought Softwood</u></b>				

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.12.1	Flooring of 22 x 96mm tongued and grooved boarding	m <sup>2</sup>	1		
7.12.2	Raking cutting	m	1		
7.12.3	Circular cutting	m	1		
7.12.4	22 x 170mm Risers with rebated top edge let into and including groove in treads	m	1		
7.12.5	22 x 300mm Treads with rounded front edge	m	1		
<b>7,13</b>	<b><u>Wire ties</u></b>				
7.13.1	4mm Diameter galvanised wire tie 450mm girth bent double, embedded in concrete, bound around floor batten and twisted together including saw cuts	no	1		
	<b><u>SKIRTINGS</u></b>				
<b>7,14</b>	<b><u>Wrought Softwood</u></b>				
7.14.1	19 x 70mm. skirting nailed	m	1		
7.14.2	19 x 70mm. skirting plugged	m	1		
7.14.3	19 x 70mm. skirting stepped over treads and risers nailed	m	1		
7.14.4	19 x 70mm. skirting stepped over treads and risers plugged	m	1		
7.14.5	22 x 94mm. skirting nailed	m	1		
7.14.6	22 x 94mm. skirting plugged	m	1		
7.14.7	19mm. quadrant bead nailed	m	1		
7.14.8	32mm. quadrant bead nailed	m	1		
7.14.9	19mm Raking skirting 230mm high extreme with bottom edge stepped over treads and risers nailed	m	1		
7.14.10	19mm Raking skirting 230mm high extreme with bottom edge stepped over treads and risers plugged	m	1		
<b>7,15</b>	<b><u>Wrought Meranti</u></b>				
7.15.1	19 x 70mm. skirting nailed	m	1		
7.15.2	19 x 70mm. skirting plugged	m	1		
7.15.3	19 x 70mm. skirting stepped over treads and risers nailed	m	1		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.15.4	19 x 70mm. skirting stepped over treads and risers plugged	m	1		
7.15.5	22 x 94mm. skirting nailed	m	1		
7.15.6	22 x 94mm. skirting plugged	m	1		
7.15.7	19mm. quadrant bead nailed	m	1		
7.15.8	32mm. quadrant bead nailed	m	1		
7.15.9	19mm Raking skirting 230mm high extreme with bottom edge stepped over treads and risers nailed	m	1		
7.15.10	19mm Raking skirting 230mm high extreme with bottom edge stepped over treads and risers plugged	m	1		
	<b><u>HERITAGE SKIRTING AND ARCHITRAVES - "Making good, patching, straightning and sealing of existing skirting to Heritage Buildings" (Paintwork elsewhere)</u></b>				
7.15.11	70mm Skirting / Architraves / Dado Rails	m	1		
7.15.12	115mm Skirting / Architraves / Dado Rails	m	1		
7.15.13	150mm Skirting / Architraves / Dado Rails	m	1		
7.15.14	170mm Skirting / Architraves / Dado Rails	m	1		
7.15.15	225mm Skirting / Architraves / Dado Rails	m	1		
	<b><u>DOORS, ETC</u></b>				
<b>7,16</b>	<b><u>Wrought Meranti doors hung to steel frames</u></b>				
7.16.1	44mm Framed batten door 900 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	1		
7.16.2	44mm Framed batten door 813 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	1		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.16.3	44mm Framed batten door 813 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 150mm middle ledge and 44 x 225mm bottom ledge filled in with 22mm V-jointed one side boarding	no	1		
7.16.4	44mm Framed batten door 813 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 150mm middle ledge and 44 x 225mm bottom ledge filled in with 22mm V-jointed one side boarding and 3mm sheet metal fixed to other side	no	1		
7.16.5	44mm Framed batten door 762 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	1		
7.16.6	44mm Framed batten double door 1616 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 150mm middle ledge and 44 x 225mm bottom ledge filled in with 22mm V-jointed one side boarding	no	1		
7.16.7	44mm Double leaf framed batten door 1510 x 2032mm high of 44 x 100mm top rail, stiles and rebated meeting stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	1		
	<b><u>"Swartland"</u></b>				
7.16.8	44mm "Kayo 8" Panel door 813 x 2032mm high	no	1		
7.16.9	44mm "Kayo 8" Panel rebated double door 1626 x 2032mm high	no	1		
<b>7,17</b>	<b><u>Semi-solid flush door with 3,2mm. hardboard covering on both sides hung to steel frames</u></b>				
7.17.1	40mm Door 900 x 2032mm. high	no	1		
7.17.2	40mm Door 813 x 2032mm. high	no	1		
7.17.3	40mm Door 762 x 2032mm. high	no	1		
7.17.4	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	1		
7.17.5	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	1		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.17.6	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	1		
7.17.7	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	1		
7.17.8	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	1		
7.17.9	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	1		
7.17.10	Extra for 300 x 450mm opening including natural anodised aluminium louvre unit	no	1		
<b>7,18</b>	<b><u>Semi-solid flush door with sapele veneer on both sides hung to steel frames</u></b>				
7.18.1	40mm Door 900 x 2032mm. high	no	1		
7.18.2	40mm Door 813 x 2032mm. high	no	1		
7.18.3	40mm Door 762 x 2032mm. high	no	1		
7.18.4	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	1		
7.18.5	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	1		
7.18.6	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	1		
7.18.7	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	1		
7.18.8	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	1		
7.18.9	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	1		
7.18.10	Extra for 300 x 450mm opening including natural anodised aluminium louvre unit	no	1		
<b>7,19</b>	<b><u>Solid flush door with 3,2mm. hardboard covering on both sides hung to steel frames</u></b>				
7.19.1	40mm Door 900 x 2032mm. high	no	1		

40mm Door 813 x 2032mm. high

no 1

BILL 19.2

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.19.3	40mm Door 762 x 2032mm. high	no	1		
7.19.4	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	1		
7.19.5	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	1		
7.19.6	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	1		
7.19.7	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	1		
7.19.8	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	1		
7.19.9	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	1		
7.19.10	Extra for 300 x 450mm opening including natural anodised aluminium louvre unit	no	1		
<b>7,20</b>	<b><u>Solid flush door with sapele veneer on both sides hung to steel frames</u></b>				
7.20.1	40mm Door 900 x 2032mm. high	no	1		
7.20.2	40mm Door 813 x 2032mm. high	no	1		
7.20.3	40mm Door 762 x 2032mm. high	no	1		
7.20.4	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	1		
7.20.5	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	1		
7.20.6	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	1		
7.20.7	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	1		
7.20.8	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	1		
7.20.9	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	1		
7.20.10	Extra for 300 x 450mm opening including natural anodised aluminium louvre unit	no	1		

**JOINERY SUNDRIES**



BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>7,21</b>	<u>Wrought Meranti or Softwood</u>				
7.21.1	Slatted shelving, seats, etc of 22 x 96mm slats at 35mm centres	m²	1		
7.21.2	Install 813 x 2032mm timber door including furniture (door handle)	no	1		
7.21.3	Install door furniture (door handle)	no	1		
	<b><u>Making good of existing doors (Patching and repairing where necessary, paintwork elsewhere)</u></b>				
	<b><u>Wrought Meranti doors hung to steel frames</u></b>				
7.21.4	44mm Framed batten door 900 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	1		
7.21.5	44mm Framed batten door 813 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	1		
7.21.6	44mm Framed batten door 813 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 150mm middle ledge and 44 x 225mm bottom ledge filled in with 22mm V-jointed one side boarding	no	1		
7.21.7	44mm Framed batten door 813 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 150mm middle ledge and 44 x 225mm bottom ledge filled in with 22mm V-jointed one side boarding and 3mm sheet metal fixed to other side	no	1		
7.21.8	44mm Framed batten door 762 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	1		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.21.9	44mm Framed batten double door 1616 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 150mm middle ledge and 44 x 225mm bottom ledge filled in with 22mm V-jointed one side boarding	no	1		
7.21.10	44mm Double leaf framed batten door 1510 x 2032mm high of 44 x 100mm top rail, stiles and rebated meeting stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	1		
<b><u>ONLY IN HERITAGE BUILDINGS "Making good of existing doors (Patching and repairing where necessary, paintwork elsewhere)"</u></b>					
<b><u>Wooden Heritage doors hung to wooden frames</u></b>					
7.21.10a	762 x 2032mm high Single door	no	1		
7.21.10b	813 x 2032mm high Single door	no	1		
7.21.10c	900 x 2032mm high Single door	no	1		
7.21.10d	1200 x 2032mm high Single door	no	1		
7.21.10e	1510 x 2032mm high Double door	no	1		
7.21.10f	1616 x 2032mm high Double door	no	1		
7.21.10g	1810 x 2032mm high Double door	no	1		
<b><u>"Swartland"</u></b>					
7.21.11	44mm "Kayo 8" Panel door 813 x 2032mm high	no	1		
<b><u>Making good of Semi-solid flush door with 3,2mm. hardboard covering on both sides hung to steel frames</u></b>					
7.21.12	40mm Door 900 x 2032mm. high	no	1		
7.21.13	40mm Door 813 x 2032mm. high	no	1		

BILL 7.21.14

40mm Door 762 x 2032mm. high no 1

40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles no 1

7.21.15

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.21.16	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	1		
7.21.17	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	1		
7.21.18	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	1		
7.21.19	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	1		
7.21.20	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	1		
	<b><u>Making good of Semi-solid flush door with sapele veneer on both sides hung to steel frames</u></b>				
7.21.21	40mm Door 900 x 2032mm. high	no	1		
7.21.22	40mm Door 813 x 2032mm. high	no	1		
7.21.23	40mm Door 762 x 2032mm. high	no	1		
7.21.24	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	1		
7.21.25	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	1		
7.21.26	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	1		
7.21.27	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	1		
7.21.28	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	1		
7.21.29	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	1		
	<b><u>Making good of Solid flush door with 3,2mm. hardboard covering on both sides hung to steel frames</u></b>				
7.21.30	40mm Door 900 x 2032mm. high	no	1		
7.21.31	40mm Door 813 x 2032mm. high	no	1		
7.21.32	40mm Door 762 x 2032mm. high	no	1		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.21.33	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	1		
7.21.34	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	1		
7.21.35	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	1		
7.21.36	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	1		
7.21.37	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	1		
7.21.38	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	1		
	<b><u>Making good of Solid flush door with sapele veneer on both sides hung to steel frames</u></b>				
7.21.40	40mm Door 900 x 2032mm. high	no	1		
7.21.41	40mm Door 813 x 2032mm. high	no	1		
7.21.42	40mm Door 762 x 2032mm. high	no	1		
7.21.43	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	1		
7.21.44	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	1		
7.21.45	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	1		
7.21.46	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	1		
7.21.47	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	1		
7.21.48	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	1		
	<b><u>FITTINGS</u></b>				
	<b><u>General</u></b>				

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<p>The following cupboards 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</p> <p><b><u>Kitchen cupboards etc with approved hinges, handles and telescopic drawer sliders</u></b></p>				
7.22.1	Wall cupboard Type W300 - 300 x 300 x 720mm high with top, sides, bottom, division, shelf, back and single hinged door	no	1		
7.22.2	Wall cupboard Type W450 - 450 x 300 x 720mm high with top, sides, bottom, division, shelf, back and single hinged door	no	1		
7.22.3	Wall cupboard Type W600 - 600 x 300 x 720mm high with top, sides, bottom, division, shelf, back and single hinged door	no	1		
7.22.4	Wall cupboard Type W750 - 750 x 300 x 720mm high with top, sides, bottom, division, shelf, back and double hinged door	no	1		
7.22.5	Wall cupboard Type W900 - 900 x 300 x 720mm high with top, sides, bottom, division, shelf, back and double hinged doors	no	1		
7.22.6	Wall cupboard Type W1200 - 1200 x 300 x 720mm high with top, sides, bottom, division, shelf, back and double hinged doors	no	1		
7.22.7	Wall cupboard Type WCU600 (L shaped) - 600 x 300 x 720mm high with top, sides, bottom, division, shelf, back and double hinged doors	no	1		
7.22.8	Wall cupboard Type WC300 (End display) - 300 x 300 x 720mm high with top, sides, bottom, division, shelf, back and double hinged doors	no	1		
7.22.9	Floor cupboard Type F300 - (without top) - 300 x 550 x 880mm high with sides, bottom, division, shelf, and single hinged door	no	1		
7.22.10	Floor cupboard Type F450 - (without top) - 450 x 550 x 880mm high with sides, bottom, division, shelf, and single hinged door	no	1		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.22.11	Floor cupboard Type F600 - (without top) - 600 x 550 x 880mm high with sides, bottom, division, shelf, and single hinged door	no	1		
7.22.12	Floor cupboard Type F750 - (without top) - 750 x 550 x 880mm high with sides, bottom, division, shelf, and double hinged doors	no	1		
7.22.13	Floor cupboard Type F900 - (without top) - 900 x 550 x 880mm high with sides, bottom, division, shelf, and double hinged doors	no	1		
7.22.14	Floor cupboard Type F1200 - (without top) - 1200 x 550 x 880mm high with sides, bottom, division, shelf, and double hinged doors	no	1		
7.22.15	Floor cupboard Type F450/1 - (without top) - 450 x 550 x 880mm high with sides, bottom, division, shelf, and single hinged door, dividing framework and 1 drawer	no	1		
7.22.16	Floor cupboard Type F450/4 - (without top) - 450 x 550 x 880mm high with sides, bottom, dividing framework and 4 drawers	no	1		
7.22.17	Floor cupboard Type F600/1 - (without top) - 600 x 550 x 880mm high with sides, bottom, division, shelf, and single hinged door, dividing framework and 1 drawer	no	1		
7.22.18	Floor cupboard Type F600/4 - (without top) - 600 x 550 x 880mm high with sides, bottom, dividing framework and 4 drawers	no	1		
7.22.19	Floor cupboard Type FCU900 (L shaped) - 900 x 300 x 880mm high with sides, bottom, division, shelf, back and double hinged doors	no	1		
7.22.20	Floor cupboard Type BC450 - 450 x 300 x 2095mm high with top, sides, bottom, division, 2 shelves, back and single hinged door	no	1		
7.22.21	Floor cupboard Type GC600 - 600 x 300 x 2095mm high with top, sides, bottom, division, 4 shelves, back and single hinged door	no	1		
7.22.22	Sink cupboard Type S900 - 900 x 550 x 880mm high with sides, bottom, division, shelf, back and double hinged doors (sink elsewhere)	no	1		
7.22.23	Sink cupboard Type S1200 - 1200 x 550 x 880mm high with sides, bottom, division, shelf, back and double hinged doors (sink elsewhere)	no	1		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.22.24	Sink cupboard Type S1500 (double bowl) - 1500 x 550 x 880mm high with sides, bottom, division, shelf, back and double hinged doors (sink elsewhere)	no	1		
<b>7,23</b>	<b><u>32mm thick post formed (on one side) top with 0.6mm Decon Laminated in Artic Granite or similar</u></b>				
7.23.1	600mm wide	m	1		
7.23.2	900mm wide	m	1		
7.23.3	Extra over for edge strip	m	1		
7.23.4	Extra over for splay cutting	m	1		
<b>7,24</b>	<b><u>Laminated Pine</u></b>				
7.24.1	46 x 231mm Beam	m	1		
7.24.2	46 x 297mm Beam	m	1		
7.24.3	70 x 147mm Beam	m	1		
7.24.4	70 x 231mm Beam	m	1		
7.24.5	70 x 297mm Beam	m	1		
7.24.6	70 x 363mm Beam	m	1		
<b>7,25</b>	<b><u>Service Counters</u></b>				
7.25.1	Plumtree melamine, Alpine finish, Size 750 x 1000mm high, in high impact PVC edged all round 32mm worktop including 2 x 2door lockable cupboards with two open spaces for chairs and cable outlets, 3 x open shelves, 2 x rounded corner unit with min 3 x open front display shelves	no	1		
7.25.2	Four Tier open bag storage unit 450 x 1832 x 450mm deep (4 x pigeon holes per unit)	no	1		
7.25.3	Library shelving unit 900 x 1200 x 300mm deep with adjustable shelves, 22mm "Plumtree" melamine	no	1		
7.25.4	Adult - Computer/study bay 800 x 750 x 300mm deep with enclosed sides 800mm high with cable outlets	no	1		
7.25.5	Water treated solid wood platform of 100 x 50mm continuous top and bottom rails, 100 x 100mm intermediate post at approximately 1200mm centres, 100 x 100mm cross-bracing, 100 x 30mm flat section floor slats, all bolted together with 100 x 10mm diameter stainless steel bolts	<sup>2</sup> m	1		



BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>7,26</b>	<b><u>CUBICLES AND SHELVES</u></b>				
	<u>COJ cubicles</u>				
7.26.1	Manufacture, supply and install: Interview Cubicles with 32mm thick Melamine wood grain "Vancouver Maple" or other colour board with 32 mm work-tops, vanity, tripple drawer units and edged all around in black hi-impact edging to suit. All new counters to include for plant-on black squares detail, counter holes for cables, two down lights, alluminium skirting as per drawing. (2.7m high x 1.4m wide).	no	1		
7.26.2	Manufacture, supply and install new 2400 wide reception counter in 16mm thick Melamine wood grain "Vancouver Maple" or other colour melamine base unit, 32 mm work surface edged with 3 mm hi-impact polyurethane edging and includes for a single 3 drawer pedestal unit for storage, Maple vanity front and 10 mm tempered glass upper split level shelf top section on stainless steel posts.	no	1		
7.26.3	Manufacture, supply and install: 32mm thick Melamine wood grain door 813 x 2032mm. high for staff entrance plus 32mm panel around door 2700 high x 2000mm wide. Complete with hinges	no	1		
7.26.4	Manufacture, supply and install: 16mm thick Melamine wood grain tender box 500x500x1200mm with 32mm similar top. Complete with hinges, lock, pad lock with 450mm COJ Brushed Alluminium logo and 100x450 "Name logo's"	no	1		
	<u>Libraries shelves</u>				
7.26.5	Elephant folio shelving 2000 x 900 x 650d fixed to the floor, 120mm spacing between shelves, in Mahogany. 2 - A.1.1.f.y shelving units 1800w x 1800h x 300d Addendum B Mahogany is adapted to manufacture these fixed Elephant folio shelving units.	no	1		
7.26.6	Catalogue card storage boxes unit 1300 x 1870 x 370d fixed to the floor, 103mm spacing between shelves. 1 - A.1.1.f.y shelving unit 1800w x 1800h x 300d Addendum B Mahogany is adapted to manufacture this fixed storage unit.	no	1		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.26.7	10 - Drawer AO size map/plan filing cabinets, fixed to the floor, each unit includes the following: 1x 4 drawer metal unit, 1420w x 530h x 960d fixed on top of 1 x 6 drawer metal unit, 1420w x 740h x 960d and 1x universal metal stand, all of the above clad with Beech wood melamine, to match the existing furniture, total height per unit: 1520mm.	no	1		
7.26.8	Single wall units 954w x 2000h x 466d, fixed to the floor fitted with 12x fixed shelves each, with 138mm(h) gaps between shelves, in Mahogany. 13 - B.1.1.f.y Shelving units 1800 x 1500 x 300 Addendum B is adapted to manufacture these multi-shelf fixed units. (Equal angle colour matching aluminium is used to fix the shelving units to the floor.)	no	1		
7.26.9	Single wall units 900 x 2000 x 300 fixed to the floor fitted with 4x adjustable shelves each, in Beechwood. 6 - A.1.1.c.y - Shelving units 900 x 1800 x 300 Addendum B Beechwood, is adapted to manufacture these fixed shelving units. (6x shelving units fixed behind the counter) (Equal angle colour matching aluminium is used to fix the shelving units to the floor.)	no	1		
7.26.10	Counter 1500w x 750h x 500d single level, granite top 1500 x 500mm, Steel construction design to match the existing counters, 10mm clear polished glass paneling fitted with the vinyl logo as per existing units single level Rustenburg (colour) granite 1 - 1500 x 500 x 30mm, counter fixed to the floor.	no	1		
7.26.11	Double island units 1800 x 1500 x 660 fixed to the floor fitted with 8x lockable glass doors each, in Mahogany. 10 - B.1.2.c.y Shelving units 2700 x 1400 x 600. Addendum B Mahogany, is adapted to manufacture these fixed lockable shelving units.	no	1		
7.26.12	Double island units 900 x 1500 x 660 fixed to the floor fitted with 4x lockable glass doors each, in Mahogany. 10 - B.1.1.j.y Shelving units 2700 x 1500 x 300 Addendum B Mahogany, is adapted to manufacture these fixed lockable shelving units. (10 Rows of 2700mm(w) lockable shelving units)(Equal angle colour matching aluminium is used to the shelving units to the floor)fix	no	1		

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.26.13	Single wall units 450w x 2500h x 450d, fixed to the floor fitted with 10x fixed shelves each, with 450mm(h) gaps between shelves, in Melamine wood colour to match existing furniture. with 2mm PVC edging. (Equal angle colour matching aluminium is used to fix the shelving units to the floor.)	no	1		
7.26.14	Drawing pigeon hole 450w X 1100h X 800b, fixed to the floor in 16mm Melamine wood colour to match existing furniture	no	1		
<b><u>ROLL-UP, RETRACTABLE SCREENS AND BLINDS</u></b>					
<b>7,27</b>	<b><u>"Windovert" or equivalent blinds</u></b>				
	<u>Supply and install complete with colour co-ordinated ladder lace, cord, head and bottom rails, tilters, cord locks and installation brackets</u>				
7.27.1	25mm Plain slatted venetian wooden window	m <sup>2</sup>	1		
7.27.2	25mm Perforated venetian wooden window blinds	m <sup>2</sup>	1		
7.27.3	50mm Plaswood venetian wooden window screen	m <sup>2</sup>	1		
7.27.4	2300 x 1600mm high double leaf hinged bamboo screen with 100 x 35mm meranti frame	no	1		
7.27.5	63mm blade width vertical fabric venetian blinds	m2	1		
7.27.6	90mm blade width vertical fabric venetian blinds	m2	1		
7.27.7	127mm blade width vertical fabric venetian blinds	m2	1		
7.27.8	16mm blade width aluminium venetian blinds	m2	1		
7.27.9	25mm blade width aluminium venetian blinds	m2	1		
7.27.10	50mm blade width aluminium venetian blinds	m2	1		
<b>7,28</b>	<b><u>Fabric Screens</u></b>				
7.28.1	"Fabric Duke/Black Suede" regis lined-in workwear 100% cotton with nine racer single tracks c/w cording sets	m <sup>2</sup>	1		

1

## Stage Screens

BILL 1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
7.29.1	"Fabric Duke/Black Suede" one valance plus two stage screws ,lined-in workwear 100% cotton glorius track with winch	m <sup>2</sup>	1		
7.29.2	"Fabric York Velvet" one valance plus two stage screws ,lined-in workwear 100% cotton glorius track with winch	m <sup>2</sup>	1		
	<b><u>Sundries</u></b>				
<b>7,30</b>	<b><u>Making good wooden floors</u></b>				
7.30.1	Cleaning, sanding and sealing ordinary floors	m <sup>2</sup>	1		
7.30.2	Cleaning, sanding and sealing parquet floors	m <sup>2</sup>	1		
7.30.3	Replacing parquet floors	m <sup>2</sup>	1		

CONTRACT: 8/2/2/445 CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL  
MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
**TOTAL CARRIED TO SUMMARY**

BILL 1

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<b><u>SCHEDULE No. 8</u></b>				
	<b><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></b>				
	Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	<u>Descriptions</u>				
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to				
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere				
	<b><u>CEILINGS ETC</u></b>				
8,1	<b><u>"Isotherm" insulation</u></b>				
8.1.1	50mm insulation closely fitted and laid on top of brandering between roof trusses	m²	1		
	<b><u>NAILED UP CEILINGS</u></b>				
8,2	<b><u>6.4mm "Rhino" gypsum plasterboard with 32mm wrought softwood half round cover strip over joints</u></b>				
8.2.1	Ceilings including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.2.2	Sloping ceilings including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.2.3	Vertical ceilings including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.2.4	Horizontal bulkhead including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.2.5	Sloping bulkhead including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.2.6	Vertical bulkhead including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.2.7	Circular cutting	m	1		
8.2.8	Opening for sprinkler head	no	1		

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
8.2.9	Extra over ceiling for opening for 75mm diameter downlighter	no	1		
8.2.10	Extra over ceiling for opening for 180mm diameter downlighter	no	1		
8.2.11	Extra over ceiling for opening for 300 x 1200mm light fitting	no	1		
8.2.12	Extra over ceiling for opening for 600 x 1200mm light fitting	no	1		
8.2.13	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser	no	1		
8.2.14	Extra over ceiling for 600 x 600mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening on 20 x 20mm pressed steel angle	no	1		
8.2.15	Ceilings excluding 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.2.16	Sloping ceilings excluding 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.2.17	Vertical ceilings excluding 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
<b>8,3</b>	<b><u>6.4mm "Rhino" gypsum plasterboard with H-type pressed metal jointing strips</u></b>				
8.3.1	Ceilings including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.3.2	Sloping ceilings including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.3.3	Vertical ceilings including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.3.4	Horizontal bulkhead including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.3.5	Sloping bulkhead including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.3.6	Vertical bulkhead including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.3.7	Circular cutting	m	1		
8.3.8	Opening for sprinkler head	no	1		



**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
8.3.9	Extra over ceiling for opening for 75mm diameter downlighter	no	1		
8.3.10	Extra over ceiling for opening for 180mm diameter downlighter	no	1		
8.3.11	Extra over ceiling for opening for 300 x 1200mm light fitting	no	1		
8.3.12	Extra over ceiling for opening for 600 x 1200mm light fitting	no	1		
8.3.13	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser	no	1		
8.3.14	Extra over ceiling for 600 x 600mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening on 20 x 20mm pressed steel angle	no	1		
8.3.15	Ceilings excluding 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.3.16	Sloping ceilings excluding 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.3.17	Vertical ceilings excluding 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
<b>8,4</b>	<b><u>6.4mm "Rhino" gypsum plasterboard with 63mm wide strips of mesh scrim fixed over joints and finished with gypsum skim plaster trowelled and sanded to a smooth polished surface</u></b>				
8.4.1	Ceilings including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.4.2	Sloping ceilings including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.4.3	Vertical ceilings including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.4.4	Horizontal bulkhead including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.4.5	Sloping bulkhead including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.4.6	Vertical bulkhead including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
8.4.7	Circular cutting	m	1		
8.4.8	Opening for sprinkler head	no	1		
8.4.9	Extra over ceiling for opening for 75mm diameter downlighter	no	1		
8.4.10	Extra over ceiling for opening for 180mm diameter downlighter	no	1		
8.4.11	Extra over ceiling for opening for 300 x 1200mm light fitting	no	1		
8.4.12	Extra over ceiling for opening for 600 x 1200mm light fitting	no	1		
8.4.13	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser	no	1		
8.4.14	Extra over ceiling for 600 x 600mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening on 20 x 20mm pressed steel angle	no	1		
8.4.15	Ceilings excluding 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.4.16	Sloping ceilings excluding 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.4.17	Vertical ceilings excluding 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
<b>8,5</b>	<b><u>4mm "Everite Cladit" high density plain Pressed Nutec-cement boards with 32 x 10mm wrought softwood cover strip over joints</u></b>				
8.5.1	Ceilings including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.5.2	Sloping ceilings including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.5.3	Vertical ceilings including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.5.4	Horizontal bulkhead including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		
8.5.5	Sloping bulkhead including 38 x 50mm sawn softwood brander at 400mm centres	m²	1		

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
8.5.6	Vertical bulkhead including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.5.7	Circular cutting	m	1		
8.5.8	Opening for sprinkler head	no	1		
8.5.9	Extra over ceiling for opening for 75mm diameter downlighter	no	1		
8.5.10	Extra over ceiling for opening for 180mm diameter downlighter	no	1		
8.5.11	Extra over ceiling for opening for 300 x 1200mm light fitting	no	1		
8.5.12	Extra over ceiling for opening for 600 x 1200mm light fitting	no	1		
8.5.13	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser	no	1		
8.5.14	Extra over ceiling for 600 x 600mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening on 20 x 20mm pressed steel angle	no	1		
8.5.15	Ceilings excluding 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.5.16	Sloping ceilings excluding 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.5.17	Vertical ceilings excluding 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
<b>8,6</b>	<b><u>4mm "Everite Cladit" high density plain Pressed Nutec-cement boards with H-type pressed steel jointing strips</u></b>				
8.6.1	Ceilings including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.6.2	Sloping ceilings including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.6.3	Vertical ceilings including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.6.4	Horizontal bulkhead including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
8.6.5	Sloping bulkhead including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.6.6	Vertical bulkhead including 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.6.7	Circular cutting	m	1		
8.6.8	Opening for sprinkler head	no	1		
9.6.9	Extra over ceiling for opening for 75mm diameter downlighter	no	1		
8.6.10	Extra over ceiling for opening for 180mm diameter downlighter	no	1		
8.6.11	Extra over ceiling for opening for 300 x 1200mm light fitting	no	1		
8.6.12	Extra over ceiling for opening for 600 x 1200mm light fitting	no	1		
8.6.13	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser	no	1		
8.6.14	Extra over ceiling for 600 x 600mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening on 20 x 20mm pressed steel angle	no	1		
8.6.15	Ceilings excluding 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.6.16	Sloping ceilings excluding 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
8.6.17	Vertical ceilings excluding 38 x 50mm sawn softwood brandering at 400mm centres	m²	1		
<b>8,7</b>	<b><u>Book Detection System Partition (Oak Melamine)</u></b>				
8.7.1	Partition 1200 x 1800mm with wood	m²	1		
8.7.2	Partition 1200 x 1800mm with glazing (Glazing measured else where)	m²	1		
	<b><u>CORNICES, MOULDINGS AND ROSES</u></b>				
<b>8,8</b>	<b><u>"Rhino" gypsum plasterboard cornice</u></b>				
8.8.1	75mm standard coved cornice	m	1		
8.8.2	125mm standard coved cornice	m	1		

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>8,9</b>	<b><u>"Rhino" gypsum plasterboard decorative mouldings</u></b>				
8.9.1	75mm standard coved cornice	m	1		
8.9.2	125mm standard coved cornice	m	1		
8.9.3	155mm standard coved cornice	m	1		
8.9.4	225mm standard coved cornice	m	1		
<b>8,10</b>	<b><u>Polystyrene, Expanded Polystyrene (EPS) and Polyurethane decorative mouldings</u></b>				
8.10.1	75mm standard coved cornice	m	1		
8.10.2	125mm standard coved cornice	m	1		
8.10.3	155mm standard coved cornice	m	1		
8.10.4	225mm standard coved cornice	m	1		
<b>8,11</b>	<b><u>Wrought softwood</u></b>				
8.11.1	20 x 65mm cornice	m	1		
	<b><u>HERITAGE CORNICE AND MOULDINGS - "Making good, patching, straightning and sealing of existing Cornice, Mouldings and soffits of verges to Heritage Buildings" (Paintwork elsewhere)</u></b>				
8.11.2	75mm Heritage Moulding cornice	m	1		
8.11.3	125mm Heritage Moulding cornice	m	1		
8.11.4	155mm Heritage Moulding cornice	m	1		
8.11.5	225mm Heritage Moulding cornice	m	1		
8.11.6	Not exceeding 225mm girth Moulding cornice External with special bonding liquid	m	1		
8.11.7	Exceeding 225mm and not exceeding 600mm girth Moulding cornice External with special bonding liquid	m	1		
8.11.8	Restoring soffits of verges including mouldings	m2	1		
<b>8,12</b>	<b><u>SUSPENDED CEILINGS</u></b>				

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
8.12.1	Electrical light fittings, diffusers, panels, etc generally are "lay in" units of the same dimensions as the suspension grid described and allowance must be made accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)				
8,13	<b><u>BPB Gypsum DonnCeil Gyprex White vinyl finished gypsum ceiling tiles size 1200 x 600mm x 12,5mm thick laid on and including SQ/T38 galvanised main tees, cross tees, hold-down clips, wedges, etc., all suspended with galvanised hangers at hanger centres not exceeding 1200mm</u></b>				
8.13.1	Ceiling suspended not exceeding 1m below concrete soffits	m²	1		
8.13.2	Ceiling suspended exceeding 1m and not exceeding 2m below concrete soffits	m²	1		
8.13.3	Sloping ceiling suspended not exceeding 1m below	m²	1		
8.13.4	Sloping ceiling suspended exceeding 1m and not exceeding 2m below concrete soffits	m²	1		
8.13.5	Ceiling suspended not exceeding 1m. below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m²	1		
8.13.6	Ceiling suspended exceeding 1m and not exceeding 2m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m²	1		
8.13.7	Sloping ceiling suspended not exceeding 1m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m²	1		
8.13.8	Sloping ceiling suspended exceeding 1m and not exceeding 2m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m²	1		
8.13.9	Ceilings suspended not exceeding 1m below steel purlins at ± 1,8m centres (trusses at ± 6,0m centres)	m²	1		
8.13.10	Ceilings suspended exceeding 1m and not exceeding 2m below steel purlins at ± 1,8m centres (trusses at ± 6,0m centres)	m²	1		
8.13.11	Sloping ceilings suspended not exceeding 1m below steel purlins at ± 1,8m centres (trusses at ± 6,0m centres)	m²	1		
8.13.12	Sloping ceilings suspended exceeding 1m and not exceeding 2m below steel purlins at ± 1,8m centres (trusses at ± 6,0m centres)	m²	1		

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
8.13.13	Horizontal bulkheads suspended not exceeding 1m below concrete soffits	m <sup>2</sup>	1		
8.13.14	Horizontal bulkheads suspended exceeding 1m and not exceeding 2m below concrete soffits	m <sup>2</sup>	1		
8.13.15	Horizontal bulkhead suspended not exceeding 1m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m <sup>2</sup>	1		
8.13.16	Horizontal bulkhead suspended exceeding 1m and not exceeding 2m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m <sup>2</sup>	1		
8.13.17	Sloping bulkheads suspended exceeding 1m and not exceeding 2m below concrete soffits	m <sup>2</sup>	1		
8.13.18	Sloping bulkhead suspended exceeding 1m and not exceeding 2m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m <sup>2</sup>	1		
8.13.19	Circular cutting	m	1		
8.13.20	Opening for sprinkler head	no	1		
8.13.21	Extra over ceiling for opening for 75mm diameter downlighter	no	1		
8.13.22	Extra over ceiling for opening for 180mm diameter downlighter	no	1		
8.13.23	Extra over ceiling for opening for 600 x 1200mm light fitting	no	1		
8.13.24	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser	no	1		
	<b><u>Sundries</u></b>				
8.13.25	Install 600 x 1200mm acoustic tile in existing suspended ceiling frame	m <sup>2</sup>	1		
8,14	<b><u>Everite Nutec vinyl finished ceiling tiles size 1200 x 600mm x 6mm thick laid on and including SQ/T38 galvanised main tees, cross tees, hold-down clips, wedges, etc., all suspended with galvanised hangers at hanger centres not exceeding 1200mm</u></b>				
8.14.1	Ceiling suspended not exceeding 1m below concrete soffits	m <sup>2</sup>	1		
8.14.2	Ceiling suspended exceeding 1m and not exceeding 2m below concrete soffits	m <sup>2</sup>	1		

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
8.14.3	Sloping ceiling suspended not exceeding 1m below	m <sup>2</sup>	1		
8.14.4	Sloping ceiling suspended exceeding 1m and not exceeding 2m below concrete soffits	m <sup>2</sup>	1		
8.14.5	Ceiling suspended not exceeding 1m. below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m <sup>2</sup>	1		
8.14.6	Ceiling suspended exceeding 1m and not exceeding 2m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m <sup>2</sup>	1		
8.14.7	Sloping ceiling suspended not exceeding 1m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m <sup>2</sup>	1		
8.14.8	Sloping ceiling suspended exceeding 1m and not exceeding 2m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m <sup>2</sup>	1		
8.14.9	Ceilings suspended not exceeding 1m below steel purlins at ± 1,8m centres (trusses at ± 6,0m centres)	m <sup>2</sup>	1		
8.14.10	Ceilings suspended exceeding 1m and not exceeding 2m below steel purlins at ± 1,8m centres (trusses at ± 6,0m centres)	m <sup>2</sup>	1		
8.14.11	Sloping ceilings suspended not exceeding 1m below steel purlins at ± 1,8m centres (trusses at ± 6,0m centres)	m <sup>2</sup>	1		
8.14.12	Sloping ceilings suspended exceeding 1m and not exceeding 2m below steel purlins at ± 1,8m centres (trusses at ± 6,0m centres)	m <sup>2</sup>	1		
8.14.13	Horizontal bulkheads suspended not exceeding 1m below concrete soffits	m <sup>2</sup>	1		
8.14.14	Horizontal bulkheads suspended exceeding 1m and not exceeding 2m below concrete soffits	m <sup>2</sup>	1		
8.14.15	Horizontal bulkhead suspended not exceeding 1m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m <sup>2</sup>	1		
8.14.16	Horizontal bulkhead suspended exceeding 1m and not exceeding 2m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m <sup>2</sup>	1		
8.14.17	Sloping bulkheads suspended exceeding 1m and not exceeding 2m below concrete soffits	m <sup>2</sup>	1		
8.14.18	Sloping bulkhead suspended exceeding 1m and not exceeding 2m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m <sup>2</sup>	1		



**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
8.14.19	Circular cutting	m	1		
8.14.20	Opening for sprinkler head	no	1		
8.14.21	Extra over ceiling for opening for 75mm diameter downlighter	no	1		
8.14.22	Extra over ceiling for opening for 180mm diameter downlighter	no	1		
8.14.23	Extra over ceiling for opening for 600 x 1200mm light fitting	no	1		
8.14.24	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser	no	1		
<b>8,15</b>	<b><u>Donn cornices to suspended ceilings</u></b>				
8.15.1	47 x 35mm 'SM25' recessed shadowline cornice plugged (code LSM 25).	m	1		
8.15.2	47 x 35mm 'SM25' recessed shadowline cornice plugged (code LSM 25) circular on plan	m	1		
	<b><u>Sundries</u></b>				
8.15.3	Install 600 x 1200mm acoustic tile in existing suspended ceiling frame	no	1		
8.15.4	Vacuum cleaning of ceiling voids	m2	1		
	<b><u>CEILING TILES TO Rhino / Gypsum Board ceiling</u></b>				
8.15.5	500 x 500 Polystyrene Tile with wood finish	m2	1		
8.15.6	500 x 500 Polystyrene Tile with Laminated finish	m2	1		
	<b><u>PARTITIONS ETC.</u></b>				
	<b><u>Rhino-Drywall partition systems</u></b>				
<b>8,16</b>	<b><u>BPB Gypsum GypRoc Standard - 40 db (½ hour fire rating) Ultrasteel Stud Drywall consisting of stud and track system with 51mm Drywall Ultrasteel studs positioned at 600mm centres fixed into 51mm wide top and bottom track clad on both sides with 12,5mm thick taper edged Rhinoboard fixed with 25mm Drywall screws at 220mm centres and all corners fixed with Drywall Corner beads and all joints to be taped and jointed as per manufacture's specifications.</u></b>				

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
8.16.1	Partitioning 2100mm high with bottom track plugged and free top track	m	1		
8.16.2	Partitioning 3000mm high with bottom track plugged and top track fixed to suspended ceiling tees	m	1		
8.16.3	Partitioning 3000mm high with bottom track plugged and top track fixed to suspended ceiling tees circular on plan	m	1		
8.16.4	Partitioning 3600mm high with bottom track plugged and top track fixed to suspended ceiling tees	m	1		
8.16.5	Partitioning 3600mm high with bottom track plugged and top track fixed to suspended ceiling tees circular on plan	m	1		
8.16.6	Partition 3000mm high with top and bottom tracks plugged and glazing in lieu of boarding 1,1m high at 1,0m above floor level framed all round with "Drywall" aluminium glazing sections and divided into panels with aluminium mullions at 1,2m centres with each panel glazed with 4mm clear float glass including neoprene glazing gaskets (glass elsewhere)	m	1		
8.16.7	Extra over partition 2100mm. high for vertical abutment	no	1		
8.16.8	Extra over partition 2100mm. high for corner	no	1		
8.16.9	Extra over partition 2100mm. high for T - intersection	no	1		
8.16.10	Extra over partition 2100mm. high for fair end	no	1		
8.16.11	Extra over partition 3000mm. high for vertical abutment	no	1		
8.16.12	Extra over partition 3000mm. high for corner	no	1		
8.16.13	Extra over partition 3000mm. high for T - intersection	no	1		
8.16.14	Extra over partition 3000mm. high for fair end	no	1		
8.16.15	Extra over partition 3600mm. high for vertical abutment	no	1		
8.16.16	Extra over partition 3600mm. high for corner	no	1		
8.16.17	Extra over partition 3600mm. high for T - intersection	no	1		
8.16.18	Extra over partition 3600mm. high for fair end	no	1		
8.16.19	8.16.20				

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

75mm Alluminium skirting	m	1
Removal and rifting of double sided partition with new alluminium top and bottom railtracks (Paint work elsewhere)	m	1
Extra over alluminium frame into drywall partition for glass partition	m	1

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
8.16.22	Opening of existing partition for doors, windows, etc	m2	1		
<b>8,17</b>	<b><u>Doors</u></b>				
8.17.1	Extra over partition for 40mm semi-solid flush door 762 x 2032mm high with commercial veneer on both sides and hardwood edge strips to vertical edges hung to and including standard natural anodised aluminium door frame	no	1		
8.17.2	Extra over partition for 40mm semi-solid flush door 813 x 2032mm high with commercial veneer on both sides and hardwood edge strips to vertical edges hung to and including standard natural anodised aluminium door frame with one pair of 100mm nylon washered aluminium hinges	no	1		
8.17.3	Extra over partition for 40mm semi-solid flush double door 1510 x 2032mm high with commercial veneer on both sides and hardwood edge strips to vertical edges hung to and including standard natural anodised aluminium door frame with three pair of 100mm nylon washered aluminium	no	1		
8.17.4	Extra over partition for 40mm semi-solid flush door 813 x 2032mm high with commercial veneer on both sides and hardwood edge strips to vertical edges hung to and including standard natural anodised aluminium door frame with one pair of 100mm nylon washered aluminium hinges and additional studding, trimming, etc	no	1		
8.17.5	Extra over partition for 40mm semi-solid flush double door 1510 x 2032mm high with commercial veneer on both sides and hardwood edge strips to vertical edges hung to and including standard natural anodised aluminium door frame with three pair of 100mm nylon washered aluminium hinges and additional studding, trimming, etc	no	1		
<b>8,18</b>	<b><u>Insulation</u></b>				
8.18.1	75mm Thick "Isotherm" thermal insulation blanket in cavity of partitioning	m²	1		
	<b><u>TOILET PARTITIONS</u></b>				
	<b><u>Note :</u></b>				
	All toilet partitions are to be manufactured in a one-piece construction. No horizontal or vertical joints will be permitted				
<b>8,19</b>	<b><u>"Vitraflex" toilet partitioning with 20mm thick vitreous enamelled steel sheet faced particle board bonded panels and natural anodised aluminium edging and top rails including fixing components and standard ironmongery comprising of indicator bolts, coat</u></b>				

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
8.19.1	Partition 800 X 2000mm high	no	1		
8.19.2	Partition 900 X 2000mm high	no	1		
8.19.3	Partition 1200 X 2000mm high	no	1		
8.19.4	Partition 1800 X 2000mm high	no	1		
8.19.5	Full stile 200 X 2000mm high	no	1		
8.19.6	Wall stile 105mm wide x 2000mm high	no	1		
8.19.7	End stile 140mm wide x 2000mm high	no	1		
8.19.8	Door 794 x 1800mm high	no	1		

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL  
MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
TOTAL CARRIED TO SUMMARY**

**BILL NO.1**

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
----------	-------------	------	-----	------	--------

**SCHEDULE No. 9**

**FLOOR COVERINGS, WALL LININGS, ETC.**

Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.

**SUPPLEMENTARY PREAMBLES**

**FLOOR COVERINGS**

**Laminated wooden floor**

**9,1 8mm Brown Rhodesian teak mosaic wood floor boards or equally approved**

9.1.1	On floors	m <sup>2</sup>	1		
9.1.2	On dished (sunken) floors	m <sup>2</sup>	1		
9.1.3	On treads and risers of stepped floors	m <sup>2</sup>	1		
9.1.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.1.5	On treads and risers of winding stairs	m <sup>2</sup>	1		
9.1.6	Margins and borders not exceeding 500mm wide	m	1		
9.1.7	Inserts 500mm wide of differing colour	m	1		
9.1.8	Circular cutting	m	1		

**9,2 8mm Brown Rhodesian teak mosaic wood blocks or equally approved**

9.2.1	On floors	m <sup>2</sup>	1		
9.2.2	On dished (sunken) floors	m <sup>2</sup>	1		
9.2.3	On treads and risers of stepped floors	m <sup>2</sup>	1		
9.2.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.2.5	On treads and risers of winding stairs	m <sup>2</sup>	1		

**BILL NO.1**

COMPILED BY MIDVAAL LOCAL MUNICIPALITY



**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDING FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
9.2.9	Circular cutting	m	1		
	<b><u>Sundries</u></b>				
9.2.10	Sanding and sealing to floors	m <sup>2</sup>	1		
<b>9,3</b>	<b><u>220 x 73 x 19mm Brown Rhodesian teak mosaic wood blocks in herringbone pattern or equally approved</u></b>				
9.3.1	On floors	m <sup>2</sup>	1		
9.3.2	On dished floors	m <sup>2</sup>	1		
9.3.3	On treads and risers of stepped floors	m <sup>2</sup>	1		
9.3.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.3.5	On treads and risers of winding stairs	m <sup>2</sup>	1		
9.3.6	Margins and borders not exceeding 500mm wide	m	1		
9.3.7	Turn-ups over coves and up against walls not exceeding 500mm girth	m	1		
9.3.8	Inserts 500mm wide of differing colour	m	1		
9.3.9	Circular cutting	m	1		
<b>9,4</b>	<b><u>300 x 300 x 2,0mm "Floorflex" semi-flexible vinyl tiles</u></b>				
9.4.1	On floors	m <sup>2</sup>	1		
9.4.2	On dished (sunken) floors	m <sup>2</sup>	1		
9.4.3	On treads and risers of steps	m <sup>2</sup>	1		
9.4.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.4.5	Margins and borders not exceeding 500mm wide	m	1		
9.4.6	Turn-ups over coves and up against walls not exceeding 500mm girth	m	1		
9.4.7	Inserts 150mm wide of differing colour	m	1		
9.4.8	Circular cutting	m	1		
9.4.9	75mm Skirting	m	1		
<b>9,5</b>	<b><u>300 x 300 x 2,5mm "Floorflex" semi-flexible vinyl tiles</u></b>				

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDING FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
9.5.1	On floors	m <sup>2</sup>	1		
9.5.2	On dished floors	m <sup>2</sup>	1		
9.5.3	On treads and risers of stepped	m <sup>2</sup>	1		
9.5.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.5.5	Margins and borders not exceeding 500mm wide	m	1		
9.5.6	Turn-ups over coves and up against walls not exceeding 500mm girth	m	1		
9.5.7	Inserts 150mm wide of differing colour	m	1		
9.5.8	Circular cutting	m	1		
9.5.9	75mm Skirting	m	1		
<b>9,6</b>	<b><u>300 x 300 x 2,0mm "Superflex" fully-flexible vinyl tiles</u></b>				
9.6.1	On floors	m <sup>2</sup>	1		
9.6.2	On dished (sunken) floors	m <sup>2</sup>	1		
9.6.3	On treads and risers of steps	m <sup>2</sup>	1		
9.6.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.6.5	Margins and borders not exceeding 500mm wide	m	1		
9.6.6	Turn-ups over coves and up against walls not exceeding 500mm girth	m	1		
9.6.7	Inserts 150mm wide of differing colour	m	1		
9.6.8	Circular cutting	m	1		
9.6.9	75mm Skirting	m	1		
<b>9,7</b>	<b><u>300 x 300 x 2,5mm "Superflex" fully-flexible vinyl tiles</u></b>				
9.7.1	On floors	m <sup>2</sup>	1		
9.7.2	On dished (sunken) floors	m <sup>2</sup>	1		
9.7.3	On treads and risers of steps	m <sup>2</sup>	1		
9.7.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.7.5	Margins and borders not exceeding 500mm wide	m	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDING FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
9.7.6	Turn-ups over coves and up against walls not exceeding 500mm girth	m	1		
9.7.7	Inserts 150mm wide of differing colour	m	1		
9.7.8	Circular cutting	m	1		
9.13.7	75mm Skirting	m	1		
<b>9.8</b>	<b><u>2.0mm. "Superflex" fully flexible vinyl sheeting with welded joints</u></b>				
9.8.1	On floors	m <sup>2</sup>	1		
9.8.2	On dished (sunken) floors	m <sup>2</sup>	1		
9.8.3	On treads and risers of steps	m <sup>2</sup>	1		
9.8.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.8.5	Margins and borders not exceeding 500mm wide	m	1		
9.8.6	Turn-ups over coves and up against walls not exceeding 500mm girth	m	1		
9.8.7	Inserts 150mm wide of differing colour	m	1		
9.8.8	Circular cutting	m	1		
9.13.7	75mm Skirting	m	1		
<b>9.9.</b>	<b><u>2,5mm. "Superflex" fully flexible vinyl sheeting with welded joints</u></b>				
9.9.1	On floors	m <sup>2</sup>	1		
9.9.2	On dished floors	m <sup>2</sup>	1		
9.9.3	On treads and risers of steps	m <sup>2</sup>	1		
9.9.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.9.5	Margins and borders not exceeding 500mm wide	m	1		
9.9.6	Turn-ups over coves and up against walls not exceeding 500mm girth	m	1		
9.9.7	Inserts 150mm wide of differing colour	m	1		
9.9.8	Circular cutting	m	1		
9.9.9	75mm Skirting	m	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDING FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>9,10</b>	<b><u>3,5mm. "Industrial Floor" flexible vinyl sheeting with welded joints</u></b>				
9.10.1	On floors	m <sup>2</sup>	1		
9.10.2	On dished (sunken) floors	m <sup>2</sup>	1		
9.10.3	On treads and risers of steps	m <sup>2</sup>	1		
9.10.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.10.5	Margins and borders not exceeding 500mm wide	m	1		
9.10.6	Turn-ups over coves and up against walls not exceeding 500mm girth	m	1		
9.10.7	Inserts 150mm wide of differing colour	m	1		
9.10.8	Circular cutting	m	1		
9.10.9	75mm Skirting	m	1		
	<b><u>3,5mm. "Industrial Floor" non - slip flexible vinyl sheeting with welded joints</u></b>				
9.10.9	On floors	m <sup>2</sup>	1		
<b>9,11</b>	<b><u>450 x 450 x 6.3mm stud pattern Eco range (Colour : dark grey) "Tuff Seal" interlocking heavy duty vinyl tiles laid in accordance with manufactures instructions</u></b>				
9.11.1	On floors	m <sup>2</sup>	1		
9.11.2	On dished (sunken) floors	m <sup>2</sup>	1		
9.11.3	On treads and risers of steps	m <sup>2</sup>	1		
9.11.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.11.5	Margins and borders not exceeding 450mm wide	m	1		
9.11.6	Circular cutting	m	1		
9.11.7	75mm Skirting	m	1		
<b>9,12</b>	<b><u>"Belgotex Berber Point" polypropylene needlepunch carpeting laid in accordance with SABS 0186-2000 fitting code of practice</u></b>				
9.12.1	On floors	m <sup>2</sup>	1		
9.12.2	On dished (sunken) floors	m <sup>2</sup>	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDING FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
9.12.3	On treads and risers of steps	m <sup>2</sup>	1		
9.12.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.12.5	Margins and borders not exceeding 500mm wide	m	1		
9.12.6	Circular cutting	m	1		
<b>9,13</b>	<b><u>"Belgotex Berber Point 920 Nexus" 500 x 500mm carpet tiles laid in accordance with SABS 0186-2000 fitting code of practice</u></b>				
9.13.1	On floors	m <sup>2</sup>	1		
9.13.2	On dished floors	m <sup>2</sup>	1		
9.13.3	On treads and risers of steps	m <sup>2</sup>	1		
9.13.4	On treads and risers of stairs	m <sup>2</sup>	1		
9.13.5	Margins and borders not exceeding 500mm wide	m	1		
9.13.6	Circular cutting	m	1		
9.13.7	75mm Skirting	m	1		
<b>9,14</b>	<b><u>Sundries</u></b>				
9.14.1	Blue underfelt	m <sup>2</sup>	1		
9.14.2	Self-levelling screed	m <sup>2</sup>	1		
9.14.3	Aluminium metal door strips	m	1		
9.14.4	Steam cleaning to carpets	m <sup>2</sup>	1		
	<b><u>WALL LININGS</u></b>				
<b>9,15</b>	<b><u>1,25mm. "Superflex" fully flexible vinyl sheeting with welded joints</u></b>				
9.15.1	On walls	m <sup>2</sup>	1		
9.15.2	On circular walls	m <sup>2</sup>	1		
9.15.3	Circular cutting	m	1		
<b>9,16</b>	<b><u>"Belgotex Berber Heritage" tufted carpeting glued on</u></b>				
9.16.1	On walls	m <sup>2</sup>	1		
9.16.2	On circular walls	m <sup>2</sup>	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDING FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
9.16.3	Circular cutting	m	1		
<b>9,17</b>	<b><u>Architect approved sheet carpet (Cost Price R120.00/m², delivered on site, fixed with adhesive)</u></b>				
9.17.1	On walls	m²	1		
9.17.2	On circular walls	m²	1		
9.17.3	Circular cutting	m	1		
	<b><u>SKIRTINGS, NOSINGS, ETC</u></b>				
<b>9,18</b>	<b><u>"Floorworx Extruda"</u></b>				
9.18.1	25mm MES25 edge strip	m	1		
9.18.2	25 x 2.5mm MPT25 edge trim	m	1		
9.18.3	70 x 10mm MCB70 vinyl skirting	m	1		
9.18.4	100 x 14mm MCB100 vinyl skirting	m	1		
9.18.5	100 x 50mm MFE5 vinyl hospital skirting	m	1		
9.18.6	35 x 14mm MCF54 vinyl coved fillet	m	1		
9.18.7	75 x 10mm MSN100 vinyl stairnosing	m	1		
<b>9,19</b>	<b><u>"Floorworx Protrim Mouldings"</u></b>				
9.19.1	82 x 11mm PTS082 skirting	m	1		
9.19.2	16 x 16mm PTQ016 quarter round	m	1		
9.19.3	66 x 17mm PTC066 chair rail	m	1		
<b>9,20</b>	<b><u>"Floorworx Intrad Wall and Corner Protection" All to be installed strictly in accordance to manufacturer's</u></b>				
9.20.1	Wall protector of 200 x 29mm TR200 high impact resistant uPVC extruded lip channel profile complete with 25mm wide uPVC brackets TRP200 at 400mm max. centres plugged to wall and uPVC joining blocks TRJ200 as required	m	1		
9.20.2	Extra over lip channel for uPVC external corner TRE200	no	1		
9.20.3	Extra over lip channel for uPVC stopend TRS200	no	1		
9.20.4	Corner protector of 70 x 70 x 1.2mm thick CP1200 high impact resistant uPVC extruded angular profile	m	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDING FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<b><u>HANDRAILS</u></b>				
<b>9,21</b>	<b><u>"Floorworx Extruda" vinyl handrails</u></b>				
9.21.1	MHR1 handrail fitted over 40 x 6mm core rail	m	1		
9.21.2	MHR2 handrail fitted over 40 x 10mm core rail	m	1		
9.21.3	MHR3 handrail fitted over 50 x 6mm core rail	m	1		
9.21.4	MHR4 handrail fitted over 50 x 10mm core rail	m	1		
	<b><u>POLISH, SEALERS, ETC.</u></b>				
<b>9,22</b>	<b><u>Polish, Sealers, etc</u></b>				
9.22.1	2 coats wax polish on vinyl flooring	m <sup>2</sup>	1		
9.22.2	Strip and seal on vinyl flooring	m <sup>2</sup>	1		
	<b><u>EXPANSION JOINTS</u></b>				
<b>9,23</b>	<b><u>"Floorworx Intrad Wall and Corner Protection" All to be installed strictly in accordance to manufacturer's instructions</u></b>				
9.23.1	Floor expansion joint with aluminium extruded T-section profile complete with rubber plugged to wall, floors,etc TRJ200 as required	m	1		
	<b><u>WALL COVERINGS (PAPERHANGING)</u></b>				
<b>9,24</b>	<b><u>1,25mm. "Superflex" wall paper sheeting with welded joints</u></b>				
9.24.1	On walls	m <sup>2</sup>	1		
9.24.2	On circular walls	m <sup>2</sup>	1		
9.24.3	Circular cutting	m	1		
<b>9,25</b>	<b><u>HERITAGE BUILDINGS ; "Rehabilitation of wooden floors, facades, and panels</u></b>				
9.25.1	Rehabilitation of suspended wooden floor	m <sup>2</sup>	1		
9.25.2	Rehabilitation of wooden panels	m <sup>2</sup>	1		
9.25.3	Rehabilitation of wooden facades	m <sup>2</sup>	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDING FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
	<b>TOTAL CARRIED TO SUMMARY</b>				



Item No.	Description	UNIT	QTY	RATE	AMOUNT
----------	-------------	------	-----	------	--------

## **SCHEDULE No. 10**

### **IRONMONGERY**

Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.

### **SUPPLEMENTARY PREAMBLES**

#### **Finishers to ironmongery**

Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list :

BS Satin bronze lacquered  
CH Chromium plated  
SC Satin chromium plated  
SE Silver enamelled  
GE Grey enamelled  
AS Anodised silver  
AB Anodised bronze  
AG Anodised gold  
ABL Anodised black  
PB Polished brass  
PL Polished and lacquered  
PT Epoxy coated  
SD Sanded

### **HINGES, BOLTS, ETC.**

#### **10,1 "Union" or equal and approved fixed to timber**

10.1.1	100mm steel hinge	no	1		
10.1.2	100mm Falling / Rising butt Hinge	no	1		
10.1.3	100mm brass hinge JH-BB-STD-2-SS	no	1		
10.1.4	100 x 100mm brass parliament hinge	no	1		
10.1.5	100mm brass barrel bolt	no	1		
10.1.6	100mm brass barrel bolt with keep fixed to metal	no	1		
10.1.7	100mm brass barrel bolt with keep let into concrete	no	1		
10.1.8	100mm Chrome plated brass barrel bolt	no	1		
10.1.9	100mm Chrome plated brass barrel bolt with keep fixed to metal	no	1		

**CONTRACT..8/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**  
10.1.10

100mm Chrome plated brass barrel bolt with keep let into

no

1

10.1.11

WC Anidised Silver bathroom indicator bolt Ref. AL809AS

no

1

**CONTRACT..8/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.1.12	WC chrome plated indicator bolt with keep fixed to metal. Ref. CZ80941CH	no	1		
10.1.13	WC chrome plated indicator Ref SS5004-73SS	no	1		
10.1.14	Escutcheon on Rose Bathroom indicator SS5305-73SS	no	1		
10.1.14a	Escutcheon Bathroom indicator PB5375-73CH (Chrome plated)	no	1		
10.1.15	Lockset IW2029/IW2030/IW2031/IW2047 for indicator bolt or CZ682TR / TL with 22314 indicator Lockset	no	1		
10.1.16	Heavy duty security door chain brass code V-WS6-EB	no	1		
<b>10,2</b>	<b><u>CATCHES, CABIN HOOKS, ETC</u></b>				
10.2.1	Brass window catch to side hung sash	no	1		
10.2.2	Brass window stay to side hung sash	no	1		
10.2.3	Brass window combination stay and fastener size 300mm Ref IW1260	no	1		
10.2.4	Brass window fanlight stay and fastener size 300mm Ref IW1261	no	1		
10.2.5	Brass window sliding stays outwards size 300mm Ref	no	1		
10.2.6	Brass window telescopic stays size 300mm Ref IW1263	no	1		
10.2.7	Brass window roller stay size 300mm Ref IW1263	no	1		
10.2.8	Brass window casement stay size 300mm Ref IW1265	no	1		
10.2.9	Brass window sash hook with wooden stick Ref IW1271	no	1		
10.2.10	32mm Diameter polished hardwood longarm 2 600mm long with brass sash hook Ref "IW 1271" on one end, two broom clips each with 20 x 100 x 100mm wrought and chamfered hardwood block twice oiled and plugged and 20 x 70 x 70mm wrought and chamfered hardwood block with sinking twice	no	1		
10.2.11	Brass window sash lifts Ref IW1272	no	1		
10.2.12	Brass window spring catch Ref IW1273	no	1		
10.2.13	Brass window spring catch box Ref IW1274	no	1		

**CONTRACT..8/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**  
10.2.14

Cupboard fastener IW 1266

no

1

10.2.15 Sash fastener IW 1267

no

1

10.2.16 Casement fastener IW 1269

no

1

10.2.17 Curved casement fastener IW 1270

no

1

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.2.18	Casement fastener wedge plate IW 1277	no	1		
10.2.19	Dual screw/ sash window lock	no	1		
10.2.20	100mm Brass cabin hook and eye	no	1		
10.2.21	150mm Brass cabin hook and eye including 70 x 70 x 20mm chamfered hardwood block twice oiled and plugged	no	1		
10.2.22	150mm Chromium plated cabin hook and eye	no	1		
10.2.23	150mm Chromium plated cabin hook and eye including 70 x 70 x 20mm chamfered hardwood block twice oiled and	no	1		
10.2.24	Brass window handle	no	1		
	<b><u>LOCKS</u></b>				
<b>10,3</b>	<b><u>"Union" or equal and approved fixed to timber</u></b>				
10.3.1	Two lever lockset (2 Keys) with striking plate fixed to metal Ref. No. CZ682-24-95CH / SC. Lockset with lock, handles and keys, complete	no	1		
10.3.2	Three lever lockset (2 Keys) with striking plate fixed to metal Ref. CZ682-24-52CH / SC. Lockset with lock, handles and keys, complete	no	1		
10.3.3	Four lever lockset (2 Keys) with striking plate fixed to metal Ref. CZ682-24-61CH. Lockset with lock, handles and keys, complete	no	1		
10.3.4	Double cylinder lockset (2 Keys) with striking plate fixed to metal Ref. CZ682-05-222CH. Lockset with lock, handles and keys, complete	no	1		
10.3.5	Combination Bishop Furniture Ref. No. AL684-24-95AS with key hole with Two lever lockset 2295-76SS (2 Keys) with striking plate fixed to metal	no	1		
10.3.6	Combination Bishop Furniture Ref. No. AL684-24-95AS with key hole with Three lever lockset 2252-76SS (2 Keys) with striking plate fixed to metal	no	1		
10.3.7	Combination Bishop Furniture Ref. No. AL684-24-95AS with key hole with Four lever lockset 2252-76SS (2 Keys) with striking plate fixed to metal	no	1		
10.3.8	Combination Bishop Furniture Double cylinder Ref. No. AL684-05AS with key hole with Cylinder Euro lockset L-2209-78SS (2 Keys) with striking plate fixed to metal	no	1		
10.3.9	Oval knob cylinder lockset (2 Keys) with striking plate fixed to				

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BID NO.1**

Ref.

AL684-

05-

222AS /

IW2122

no

1

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
10.3.10	Oval half knob cylinder lockset (2 Keys) with striking plate fixed to metal Ref. AL684-05-222AS / IW2122	no	1		
10.3.11	Cylinder deadlockset (2 Keys) with striking plate fixed to metal Ref. IW 2019	no	1		
10.3.12	Two lever lockset 2295-76SS (2 Keys) with striking plate fixed to metal	no	1		
10.3.13	Three lever lockset 2252-76SS (2 Keys) with striking plate fixed to metal	no	1		
10.3.14	Four lever lockset 22313-7615MMCH (2 Keys) with striking plate fixed to metal	no	1		
10.3.15	Rebated conversion set Ref No IW 2140 / UDY2900SS fixed to timber door	no	1		
10.3.16	Cylinder rim night latch Ref No 1022G Dimple keyway	no	1		
10.3.17	Union LX 3261 security gate lock box	no	1		
10.3.18	Master key	no	1		
10.3.19	Cylinder rim night latch Ref No 1022G-KB, KB502 keyway	no	1		
10.3.20	Union EP Cylinder upright lock Ref No L-2215-78SS/SL	no	1		
10.3.21	Union EP Knob Cylinder MKD SC Code: 2x19SCMKD	no	1		
10.3.22	Campus lockset 72mm centres Code SS6D67L-05CAM72	no	1		
10.3.23	52 Union Cylinder Cupboard lock (22/25/32/38mm), Code:	no	1		
10.3.24	15CB Union Cylinder Cupboard drawer lock (22/25/32/38mm), Code: 415-64L/1 or 415-64R/1	no	1		
10.3.25	Union Rim Dimple key lock Code: 1x1SDD	no	1		
10.3.26	Union Cylinder Rim Lock GMKSC Code: 1x1SCGMK	no	1		
10.3.27	Container Double Glass door lock Code: M89100711R	no	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Heavy duty Digital Rim lock with Over Keys, Code:  
MDL2735SC

no 1

10.3.28

10.3.29

Heavy duty Escutcheons Code B-3G110-SS-P300

no

1



**CONTRACT..8/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.3.30	Cam Locks 60 Series for cupboards and drawers K37/B44 KD, Code: LA1106R	no	1		
10.3.31	Cam Locks 60 Series for cupboards and drawers X44 DR KD, Code: LB7130R	no	1		
10.3.32	L&T locking handles 38mm Rose & 3PLD Code: LL3209R	no	1		
10.3.33	L&T locking handles T46 Re ATD Master C/P Code: LM1806R	no	1		
10.3.34	L&T locking handles K48 Lem Knob handle + 3PLD, Code LN2422/R	no	1		
10.3.35	Gate lock N201 Security lock with face plate, Code: LH4115/R	no	1		
10.3.36	Sliding door lock N201-1, Code: LH4145/R	no	1		
10.3.36a	Gate lock N888 Security lock with Cylinder and welded lock box, Code: LH8883	no	1		
10.3.36b	Locksmith to open Mortice lock and provide one key	no	1		
10.3.37	Locksmith to open Cylinder lock and provide one key	no	1		
10.3.38	Locksmith to open Cupboards, etc lock and provide one key	no	1		
10.3.39	Locksmith to open Mortice Cylinder lock and provide one key	no	1		
10.3.40	Locksmith to open Safe lock and provide one key	no	1		
<b>10,4</b>	<b><u>HANDLES, ETC.</u></b>				
	<b><u>"IW" or equal and approved fixed to timber</u></b>				
10.4.1	"UNION AL5D67-06AS" OR "IW 1324" Dove pull handle for dead lock on 152 x 152mm backplate (One)	no	1		
10.4.6	Set of two "IW 1320" 300mm,25mm diameter Dove pull handles fixed back to back	no	1		
10.4.7	Set of two "IW 1320" 300mm,32mm diameter Dove pull handles fixed back to back	no	1		
10.4.8	Set of two lever handles Ref "IW 1212/62/06" fixed back to back	no	1		
10.4.9	Set of two lever handles with 3mm aluminium backplates Ref				

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

1212/62/

06" fixed

back to

back

no

1

**CONTRACT..8/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.4.10	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/62/05" fixed back to back	no	1		
10.4.11	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/62/13" fixed back to back	no	1		
10.4.12	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/62/24" fixed back to back	no	1		
10.4.13	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/63/06" fixed back to back	no	1		
10.4.14	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/63/05" fixed back to back	no	1		
10.4.15	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/63/13" fixed back to back	no	1		
10.4.16	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/63/24" fixed back to back	no	1		
10.4.17	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/66/06" fixed back to back	no	1		
10.4.18	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/66/05" fixed back to back	no	1		
10.4.19	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/66/13" fixed back to back	no	1		
10.4.20	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/66/24" fixed back to back	no	1		
10.4.21	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/67/06" fixed back to back	no	1		
10.4.22	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/67/05" fixed back to back	no	1		
10.4.23	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/67/13" fixed back to back	no	1		
10.4.24	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/67/24" fixed back to back	no	1		
10.4.25	Euro profile IW2051 double cylinder lockset comprising IW1212/63/05 furniture and IW 2006 upright lockcase with striking plate	no	1		
10.4.25a	Rebated conversion set	no	1		
10.4.25b	Aluminium Cupboard Pull handle Code: AL5123AS	no	1		
10.4.25c	Aluminium Hospital Pull handle Code: AL5510AS (One)	no	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.4.25d	Aluminium 200 Pull handle BTB Code: AL5512-200BBAS (One)	no	1		
10.4.25e	Aluminium 300 Pull handle BTB Code: AL5512-300BBAS (One)	no	1		
10.4.25f	Cedar Pull Handle Blank Code: AL5C63-06AS	no	1		
10.4.25g	Cedar Pull Handle on Back Plate LH/ RH Profile 152x152 Code: AL5C66L-05AS / AL5C66R-05AS	no	1		
10.4.25h	Cedar Pull Handle on Back Plate LH/ RH Profile 152x176 Code: AL5C67L-05AS / AL5C67R-05AS	no	1		
10.4.25i	Stainless steel Dove Pull Handle on Back Plate LH / RH Key Hole 152x152 Plate Code: SS5D66L-24SS / SS5D66R-24SS	no	1		
10.4.25j	Stainless steel Dove Pull Handle on Back Plate LH / RH Key Hole 152x176 Plate Code: SS5D67L-24SS / SS5D67R-24SS	no	1		
10.4.25k	Flush Pull Handle Square - Wooden Sliding door, Code: 99004SS	no	1		
10.4.25l	Flush Pull Handle Radius - Wooden Sliding door, Code: SS5004SS	no	1		
	<b><u>BOLTS</u></b>				
10.4.26	Esco Rim lock night latch code EDY1033G	no	1		
	<b><u>BATHROOM FITTINGS</u></b>				
	<b><u>"IW" or equal and approved fixed to timber</u></b>				
10.4.27	Code IW7010SS surface mounted multi-roll (3) toilet roll dispenser plugged	no	1		
10.4.28	Code IW7015SS wall mounted soap dispenser plugged	no	1		
	<b><u>"Bristell" or equally approved</u></b>				
10.4.29	32mm "Bristell Type BGR1" back grab rail 600mm long plugged	no	1		
10.4.30	32mm "Bristell Type BGR2A" side grab rail 600mm long plugged	no	1		
	<b><u>SUNDRIES</u></b>				

CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL  
MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1 "IW" or equal and approved fixed to timber

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.4.31	Code No "IW5002SC" / Union CZ8731BP door stop plugged	no	1		
10.4.32	Code No "IW5032AL" / Union "AL8253AS hat and coat hook with rubber tip	no	1		
10.4.33	Code No "IW5042AL" / Union "AL8723AS hat and coat hook	no	1		
10.4.34	Union code AL8254AS door stop 254/C91	no	1		
10.4.35	Union code AL8730AS door stop with rubber	no	1		
10.4.36	32mm Diameter polished hardwood longarm 2600mm long with brass pole hook on one end, two broom clips each with 20 x 100 x 100mm wrought and chamfered hardwood block twice oiled and plugged and 20 x 70 x 70mm wrought and chamfered hardwood block with sinking twice oiled and plugged (for opening windows)	no	1		
<b>10,5</b>	<b><u>PUSH PLATES "Union"</u></b>				
10.5.1	200 x 800 x 2mm thick AL5089-200W aluminium push plate	no	1		
10.5.2	200 x 800 x 1,6mm thick SS5089-200W stainless steel push	no	1		
10.5.3	400 x 800 x 2mm thick AL5089-400W aluminium kick plate	no	1		
10.5.4	400 x 800 x 1,6mm thick SS5089-400W stainless steel kick	no	1		
10.5.5	152 x 76 Alluminium Push Plate Blank, Code: AL5063-06AS	no	1		
10.5.6	152 x 76 Alluminium Push Plate Keyhole, Code: AL5063-	no	1		
10.5.7	152 x 152 Alluminium Push Plate Blank, Code: AL5066-06AS	no	1		
10.5.8	152 x 152 Alluminium Push Plate Keyhole, Code: AL5066-	no	1		
10.5.9	152 x 152 Alluminium Push Plate LH / RH Bathroom, Code:	no	1		
10.5.10	152 x 176 Alluminium Push Plate LH / RH Bathroom, Code:	no	1		
	<b><u>DOOR CLOSERS</u></b>				
<b>10,6</b>	<b><u>"Union" fixed to timber</u></b>				
10.6.1	"Union" Heavy duty regular arm door closer with bracket fixed to metal Ref. No DC 744 EN 1-6 RA DA Code: 744	no	1		
10.6.2	"Union" Heavy duty regular arm door closer with bracket fixed to metal Ref. No DC 744 EN 1-6 PA DA Code: 744P	no	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.6.3	Heavy duty hold open arm door closer with bracket fixed to metal Ref. No DC 744 EN 1-6 HO DA, Code: 744HO	no	1		
10.6.4	Regular arm door closer with bracket fixed to metal Ref. No DC 777- EN 2-4 Code: 7770	no	1		
10.6.5	Parallel arm door closer with bracket fixed to metal Ref. No DC 7772 OH EN 2-4, Code: 7772	no	1		
10.6.6	Heavy duty double action floor spring Ref. NoFS 762 EN 3-6 HD DA TI, Code: 762 + with top centre Ref. No AC286 and bottom strap Ref. No AC278	no	1		
10.6.7	Heavy duty single action floor spring Ref. No FS 764 EN 3-6 HD LH TI Code: 764 + with top centre Ref. No AC286AS and bottom strap Ref. No AC278 (LH) or AC279 (RH)	no	1		
10.6.8	Regular duty double action floor spring Ref. No FS 749 EN 3 DA AL, CODE: 750 + with top centre Ref. No AC8 and bottom strap Ref. No AC115	no	1		
10.6.9	Regular duty single action floor spring Ref. No FS 754 EN 3 RH TI Code: 754 + with top centre Ref. No AC286CH and bottom strap Ref. No AC278 (RH) or AC279 (LH)	no	1		
10.6.10	Union Gate Closer Ref: 720 EN 2 Code: 720	no	1		
10.6.11	Regular arm door closer with bracket fixed to metal Ref. No R&P CLOSER EN 2/3/4/SIL Code: DC120	no	1		
10.6.12	Floor Springs Cam Action FS EN 3 Non HO, Code: DC420	no	1		
	<b><u>SLIDING GEAR</u></b>				
<b>10,7</b>	<b><u>"UNION" or equally approved</u></b>				
10.7.1	Phantom sliding gear for silent doors up to 45kg width opening 610-915mm clinic cupboards Code: 27-792961	no	1		
10.7.2	Husky folding 25 for Folding doors up to 25kg maximum width 1200mm Kit Hf25/12 - 2 leaves	no	1		
10.7.3	Husky folding 25 for Folding doors up to 25kg maximum width 2400mm Kit Hf25/24 - 4 leaves	no	1		
10.7.4	Husky folding 40 for Folding doors up to 40kg maximum width 1500mm Kit Hf40/15 2 leaves	no	1		
10.7.5	Husky folding 40 for Folding doors up to 40kg maximum width 3000mm Kit Hf40/30 4 leaves	no	1		

**CONTRACT..8/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.7.6	Senator kit for sliding doors up to 30kg for max 900mm opening width Ref 27-791065	no	1		
10.7.7	Marathon 55 kit for sliding doors up to 55kg for max 450-750mm opening width Ref 27-789400	no	1		
10.7.8	Marathon 55 kit for sliding doors up to 55kg for max 750-900mm opening width Ref 27-789431	no	1		
10.7.9	Marathon 55 kit for sliding doors up to 55kg for max 900-1050mm opening width Ref 27-789462	no	1		
10.7.10	Marathon 55 kit for sliding doors up to 55kg for max 1050-1200mm opening width Ref 27-789493	no	1		
10.7.11	Marathon 55 kit for sliding doors up to 55kg for max 1200-1500mm opening width Ref 27-790695	no	1		
10.7.12	Loretto for Sliding cupboard doors up to 23kg - Bottom roller kit D4 - 2 leaves Max opening width 1200mm Ref 27-789280	no	1		
10.7.13	Loretto for Sliding cupboard doors up to 23kg - Bottom roller kit D5 - 2 leaves Max opening width 1500mm Ref 27-789314	no	1		
10.7.14	Loretto for Sliding cupboard doors up to 23kg - Bottom roller kit D6 - 2 leaves Max opening width 1800mm Ref 27-789345	no	1		
	<b><u>LETTERS, NAMEPLATES, ETC.</u></b>				
<b>10,8</b>	<b><u>"Union"</u></b>				
10.8.1	152 x 152 x 3mm aluminium plate anodised silver with male pictogram Ref. No. AL5063E-06ASE10	no	1		
10.8.2	152 x 152 x 3mm aluminium plate anodised silver with female pictogram Ref. No. AL5063E-06ASE11	no	1		
10.8.3	152 x 152 x 3mm aluminium plate anodised silver with paraplegic pictogram Ref. No. AL5066E-06ASE14	no	1		
10.8.4	152 x 152 x 3mm aluminium plate anodised silver with male and female pictogram Ref. No. AL5066E-06ASE12	no	1		
10.8.5	152 x 152 x 3mm aluminium plate anodised silver with fire hydrant pictogram Ref. No. AL5066E-06ASE04	no	1		
10.8.6	152 x 152 x 3mm aluminium plate anodised silver with fire hose reel pictogram Ref. No. AL5066E-06ASE05	no	1		
10.8.7	152 x 152 x 3mm aluminium plate anodised silver with fire extinguisher pictogram Ref. No. AL5066E-06ASE06	no	1		



**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.8.8	152 x 152 x 3mm aluminium plate anodised silver with first aid pictogram Ref. No. IW6018	no	1		
10.8.9	152 x 152 x 3mm aluminium plate anodised silver with shower pictogram Ref. No. IW6018	no	1		
10.8.10	152 x 152 x 3mm aluminium plate anodised silver with shower pictogram Ref. No. IW6006	no	1		
10.8.11	152 x 152 x 3mm aluminium plate anodised silver with tea room pictogram Ref. No. IW6006	no	1		
10.8.12	152 x 152 x 3mm aluminium plate anodised silver with telephone pictogram Ref. No. IW6006	no	1		
10.8.13	152 x 152 x 3mm aluminium plate anodised silver with man running left or right pictogram Ref. No. IW6012	no	1		
10.8.14	152 x 152 x 3mm aluminium plate anodised silver with escape stair pictogram Ref. No. IW6013	no	1		
10.8.15	152 x 152 x 3mm aluminium plate anodised silver with escape direction pictogram Ref. No. IW6014	no	1		
10.8.16	152 x 152 x 3mm aluminium plate anodised silver with bucket and broom pictogram Ref. No. IW6011	no	1		
10.8.17	152 x 152 x 3mm aluminium plate anodised silver with bbaby pictogram Ref. No. IW6004	no	1		
10.8.18	COJ Logo: Brushed alluminium 1000 x 800mm deep plugged with alluminium bolts with engraved letters	no	1		
10.8.19	COJ Logo: Brushed alluminium 500 x 300mm deep plugged with alluminium bolts with engraved letters	no	1		
10.8.20	1000 x 152 x 3mm brushed aluminium plate with engraved letters	m2	1		
10.8.21	100 x 450 x 3mm aluminium plate anodised silver with Name Tags not exceeding 20 letters	no	1		
<b><u>PELMETS AND CERTAIN TRACKS</u></b>					
<b>10,9</b>	<b><u>"Kirsch"</u></b>				
10.9.1	Cheney pressed steel pelmet 120mm high with 150mm projection including double track with 12 rollers per meter, brackets, returned ends, etc. plugged	m	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.9.2	Regular duty C-profile double curtain steel track for face fixing with 100mm projection including 14 rollers per meter, brackets, stopped ends, etc. plugged	m	1		
10.9.3	Heavy duty extruded aluminium double curtain steel track for face fixing with 125mm projection including 14 rollers per meter, brackets, stopped ends, etc. plugged	no	1		
10.9.4	Forwin hospital cubicle track 1.0m below soffit including 12 gliders per meter, hangers, brackets, stopped ends, etc. plugged	no	1		
10.9.5	Extra for end plugged	no	1		
10.9.6	Extra for bend	no	1		
10.9.7	Extra for joint at bend	no	1		
	<b><u>BATHROOM FITTINGS</u></b>				
<b>10,10</b>	<b><u>"Halcast"</u></b>				
10.10.1	20mm Diameter chromium plated curtain or hanging rail 900mm long including end flange brackets Ref 374CH plugged	no	1		
10.10.2	20mm Diameter chromium plated towel rail 600mm long including end brackets Ref 261CH plugged	no	1		
10.10.3	20mm Diameter chromium plated towel rail 900mm long including end brackets Ref 261CH plugged	no	1		
10.10.4	Towel ring chromium plated Ref 165CH plugged	no	1		
10.10.5	Toilet roll holder chromium plated theft proof Ref 366SCH plugged	no	1		
10.10.6	Basket type soap dish chromium plated Ref 377CH	no	1		
<b>10,11</b>	<b><u>"Kwakhle Hygiene" of equal and approved</u></b>				
10.11.1	Lockable and vandal resistant white powder coated metal roll holder Ref TR3W	no	1		
10.11.2	Lockable and vandal resistant white powder coated metal roll holder Ref TR2W	no	1		
10.11.3	Lockable and vandal resistant white powder coated metal roll holder Ref TR3CH	no	1		
10.11.4	Lockable and vandal resistant white powder coated metal roll				

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO. 1**

TR2CH

no

1

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.11.5	ABS construction lockable Roll Control Paper Dispenser with viewing window in colour white	no	1		
10.11.6	ABS construction lockable Reflex Paper Dispenser with viewing window in colour white	no	1		
10.11.7	ABS construction Wastecare 40litre Multiliner Disposer wall mounted waste bin in colour white	no	1		
10.11.8	ABS construction 950ml Soap Dispenser in colour white	no	1		
10.11.9	Stainless steel 950ml vandal and theft resistant Soap Dispenser	no	1		
<b>10,12</b>	<b><u>"Chairman Industries"</u></b>				
10.12.1	32mm diameter stainless steel flushvalve back rail Ref. No. SR1	no	1		
10.12.2	32mm diameter stainless steel cistern back rail Ref. No. SR2	no	1		
10.12.3	20mm diameter stainless steel door rail 300mm long Ref. No. SR3	no	1		
10.12.4	32mm diameter stainless steel dog leg side rail Ref. No. DL2	no	1		
10.12.5	32mm diameter stainless steel dog leg with centre flange side rail Ref. No. DL3	no	1		
10.12.6	19mm Diameter chromium plated towel rail 500mm long including end brackets plugged	no	1		
10.12.7	"Bobrick" B-4388 Surface mounted lockable multi-roll toilet tissue dispenser plugged	no	1		
10.12.8	Wall mounted stainless steel dispenser Ref "IW 7015"	no	1		
<b>10,13</b>	<b><u>PADLOCKS</u></b>				
10.13.1	30mm Brass Padlocks with 15mm Hardened Steel Shackle KD, Code: UN333000000000	no	1		
10.13.2	30mm Brass Padlocks with 32mm SS Long Shackle KD, Code: UN333002003200	no	1		
10.13.3	40mm Brass Padlocks with 20mm Hardened Steel Shackle KD, Code: UN334000000000	no	1		
10.13.4	40mm Brass Padlocks with 63mm SS Long Shackle KD, Code: UN334002006300	no	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
10.13.5	50mm Brass Padlocks with 28mm Hardened Steel Shackle KD, Code: UN335000000000	no	1		
10.13.6	50mm Brass Padlocks with 63mm SS Long Shackle KD, Code: UN335002006300	no	1		
10.13.7	Discus Padlock KD, Code: 400KATD	no	1		
10.13.8	78mm Brass Padlocks Concealed Hardened Steel Shackle KD Code: UN337800000000	no	1		
10.13.9	Padlock safety lockout device 6 Hole	no	1		
10.13.10	Gate Hasp Lock Classic Code: MCHBT-COM	no	1		
10.13.11	Hercules Padlock3 Keys, B-1K57A	no	1		
<b>10.14</b>	<b><u>ESCAPE HARDWARE "EMERGENCY"</u></b>				
10.14.1	Emergency exit lockset (2 Keys) with striking plate fixed to metal Ref. IW 2032	no	1		
10.14.2	Emergency exit lockset (2 Keys) with striking plate fixed to metal Ref. IW 2033	no	1		
10.14.3	Panic Latch push bar 900mm Code: J-881-SIL	no	1		
10.14.4	Panic Latch push bar 1200mm Code: J-881-W-SIL	no	1		
10.14.5	Panic Latch Touch Bar 900mm Code: J-881T-SIL	no	1		
10.14.5a	Panic Latch push bar 1200mm Code: J-881T-W-SIL	no	1		
10.14.6	Double panic bolt with pullman Latch Green 1940908NV	no	1		
10.14.7	Double panic bolt Push bar 900mm Code: J-883-SIL	no	1		
10.14.8	Double panic bolt Push bar 1200mm Code: J-883-W-SIL	no	1		
10.14.9	Audible Panic latch alarm exit device Code: 8420RED		1		
10.14.10	Outside acces device (OAD) for J-series & Tesa panic devices Lever handle Code: MMPS2SCPL	no	1		

BILL NO.1

Outside acces device (OAD) for J-series panic devices Lever

no

1

handle Code: J-885-SIL

10.14.11

**KITCHEN CUPBOARDS**

10,15

**"Duracraft" kitchen cupboards plugged**

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.15.1	Wall cupboard Type WHU300 - 300 x 300 x 800mm high with top, sides, bottom, division, shelf, back and single hinged door	no	1		
10.15.2	Wall cupboard Type WHU450 - 450 x 300 x 800mm high with top, sides, bottom, division, shelf, back and single hinged door	no	1		
10.15.3	Wall cupboard Type WHU525 - 525 x 300 x 800mm high with top, sides, bottom, division, shelf, back and single hinged door	no	1		
10.15.4	Wall cupboard Type WHU900 - 900 x 300 x 800mm high with top, sides, bottom, division, shelf, back and double hinged doors	no	1		
10.15.5	Wall cupboard Type WHU1200 - 1200 x 300 x 800mm high with top, sides, bottom, division, shelf, back and double hinged doors	no	1		
10.15.6	Wall cupboard Type WCU525 (corner unit) - 525 x 300 x 800mm high with top, sides, bottom, division, shelf, back and single hinged door	no	1		
10.15.7	Floor cupboard Type BU300 - 300 x 530 x 875mm high with sides, bottom, division, shelf, and single hinged door (top	no	1		
10.15.8	Floor cupboard Type BU450 - 450 x 530 x 875mm high with sides, bottom, division, shelf, and single hinged door (top	no	1		
10.15.9	Floor cupboard Type BU525 - 525 x 530 x 875mm high with sides, bottom, division, shelf, and single hinged door (top	no	1		
10.15.10	Floor cupboard Type BU900 - 900 x 530 x 875mm high with sides, bottom, division, shelf, and double hinged doors (top	no	1		
10.15.11	Floor cupboard Type BU1200 - 1200 x 530 x 875mm high with sides, bottom, division, shelf, and double hinged doors (top elsewhere)	no	1		
10.15.12	Floor cupboard Type BU450/1 - 450 x 530 x 875mm high with sides, bottom, division, shelf, and single hinged door, dividing framework and 1 drawer (top elsewhere)	no	1		
10.15.13	Floor cupboard Type BU450/4 - 450 x 530 x 875mm high with sides, bottom, division framework and 4 drawer (top elsewhere)	no	1		
10.15.14	Floor cupboard Type BCU825 (corner unit) - 825 x 530 x 875mm high with sides, bottom, division, shelf, back and double hinged doors	no	1		
10.15.15	Floor cupboard Type BB450 - 450 x 530 x 2160mm high with top, sides, bottom, division, 2 shelves, back and single	no	1		

**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
10.15.16	Sink cupboard Type HSU900 - 900 x 530 x 875mm high with sides, bottom, division, shelf, back and double hinged doors (sink elsewhere)	no	1		
10.15.17	Sink cupboard Type HSU1200 - 1200 x 530 x 875mm high with sides, bottom, division, shelf, back and double hinged doors (sink elsewhere)	no	1		
10.15.18	Sink cupboard Type HSU1500 (double bowl) - 1500 x 530 x 875mm high with sides, bottom, division, shelf, back and double hinged doors (sink elsewhere)	no	1		
10.15.19	Extra over kitchen cupboards for Top "T" joints	no	1		
10.15.20	Extra over kitchen cupboards for filler piece	no	1		
	<b><u>Sundries</u></b>				
10.15.21	Sliding drawer rail 600mm long	m	1		
10.15.22	Steel drawer handle	no	1		
10.15.23	PVC drawer handle	no	1		
10.15.24	PVC drawer handle	no	1		
10.15.25	Cast Zinc Cupboard Pull Handle Code: CZ5105CH	no	1		
10.15.26	Cast Zinc Cupboard Push Button Catch Code: CZ51741CH	no	1		
10.15.27	Cast Zinc Locking Cupboard Catch Code: CZ5174CHKA	no	1		
<b>10,16</b>	<b><u>Turnstile and Locking Exit Gate</u></b>				
10.16.1	Stainless steel one-way supermarket entrance turnstile	no	1		
10.16.2	Single locking exit gate for M3501	no	1		
10.16.3	Service and make good stainless steel one-way supermarket entrance turnstile	no	1		
<b>10,17</b>	<b><u>Infra-red beam system</u></b>				
10.17.1	Infra-red beam system	no	1		
	<b><u>TOILET BINS</u></b>				
	<b><u>Stainless steel</u></b>				
<b>10,18</b>	<b><u>"FRANKE" or equally approved</u></b>				
10.18.1	Half moon wall mounted bin size 330 x 450 x 180mm	no	1		



**CONTRACT..8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
10.18.2	Wall mounted 430 grade brushed one piece with internal steel frame inside for disposable liner bin size 415 x 450 x 200mm	no	1		
10.18.3	Wall mounted 430 grade brushed one piece with internal steel frame inside for disposable liner bin size 310 x 300 x 200mm	no	1		
	<b><u>Epoxy coated</u></b>				
<b>10,19</b>	<b><u>"FRANKE" or equally approved</u></b>				
10.19.1	Wall mounted mild steel one piece with internal steel frame inside for disposable liner bin size 415 x 450 x 200mm	no	1		
10.19.2	Wall mounted mild steel one piece with internal steel frame inside for disposable liner bin size 310 x 300 x 200mm	no	1		

**TOTAL CARRIED TO SUMMARY**

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<b><u>SCHEDULE No. 11</u></b>				
	<b><u>METALWORK</u></b>				
	Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	<b><u>Descriptions</u></b>				
	Descriptions of bolts shall be deemed to include nuts and washers				
	Descriptions of expansion anchors and bolts an chemical anchors and bolts shall be deemed to include nuts, washers and mortises in brickwork or concrete				
	Metalwork described as "holed for bolts(s)" shall be deemed to exclude the bolts unless otherwise described				
	<b><u>STEEL HANDRAILS, BALUSTRADES, ETC</u></b>				
11,1	<b><u>Welded handrail to mild steel</u></b>				
11.1.1	80 x 40 x 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	1		
11.1.2	Extra over 80 x 40 x 2mm hollow section for mitred L- intersection	no	1		
11.1.3	38 x 38 x 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	1		
11.1.4	Extra over 38 x 38 x 2mm hollow section for mitred L- intersection	no	1		
11.1.5	76mm diameter 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	1		
11.1.6	Extra over 76mm pipe rail for bend to 200mm Internal radius	no	1		

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
11.1.7	38mm diameter 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	1		
11.1.8	Extra over 38mm pipe rail for bend to 200mm Internal radius	no	1		
11.1.9	6mm expansion bolt	no	1		
11.1.10	8mm expansion bolt	no	1		
11.1.11	10mm expansion bolt	no	1		
11.1.12	6mm expansion anchor with loose bolt	no	1		
11.1.13	8mm expansion anchor with loose bolt	no	1		
11.1.14	10mm expansion anchor with loose bolt	no	1		
11.1.15	12mm expansion anchor with loose bolt	no	1		
<b>11,2</b>	<b><u>Welded balustrading to mild steel</u></b>				
11.2.1	Raking balustrading to staircase or ramp of 80 x 40 x 2mm hollow section continuous top rail, 40 x 10mm flat section continuous bottom rail, 12mm square bar section intermediate balusters at 125mm centres between to and bottom rails and 38 x 38 x 2mm hollow section post at approximately 1200mm centres each with 120 x 50 x 8mm flat	m	1		
11.2.2	Extra over 80 x 40 x 2mm hollow section for mitred L-intersection	no	1		
11.2.3	Raking balustrading to staircase or ramp of 50 x 10mm flat section continuous top rail, 40 x 10mm flat section continuous bottom rail, 12mm square bar section intermediate balusters at 125mm centres between to and bottom rails and 38 x 38 x 2mm hollow section post at approximately 1200mm centres each with 120 x 50 x 8mm flat section base plate twice holed for bolts	m	1		
11.2.4	Balustrading of 50 x 10mm flat section continuous top rail, 40 x 10mm flat section continuous bottom rail, 12mm square bar section intermediate balusters at 125mm centres between to and bottom rails and 38 x 38 x 2mm hollow section post at approximately 1200mm centres each with 120 x 50 x 8mm flat section base plate twice holed for bolts	m	1		
11.2.5	Extra over 50 x 10mm flat section for mitred L-intersection	no	1		

11.2.6

BILL NO.9

11.2.7

Vastrap Sheet 3mm

m2

1

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
11.2.8	Channel 200 x 75mm	m	1		
<b>11,3</b>	<b><u>Welded balustrading to stainless steel</u></b>				
	<b><u>SUNDRY STEELWORK</u></b>				
	<b><u>Bolts</u></b>				
11.3.1	Bolts(Provisional)	kg	1		
	<b><u>Welded brick (lintel) bearers and framing</u></b>				
11.3.2	Two 80 x 80 x 6mm angle section welded back-to-back with ends build into brickwork	kg	1		
11.3.3	25 x 25 x 2mm Hollow section framing	m	1		
11.3.4	Extra over 25 x 25mm hollow section for mitred L-section	no	1		
11.3.5	76 x 76 x 3.5mm hollow section post with top welded to bearers and bottom welded to and including 150 x 150 x 6mm foot plate four times holed for bolts	m	1		
<b>11,4</b>	<b><u>Bearers to brick linings, lintels, etc</u></b>				
11.4.1	100 x 75 x 8mm angle section bearers and holed at 500mm centres for bolting to concrete	m	1		
11.4.2	100 x 75 x 8mm angle section bearers with 130 x 50 x 8mm flat section brackets welded on at 500mm centres and once holed for bolting to concrete	m	1		
11.4.3	M12/60L expansion bolt	no	1		
<b>11,5</b>	<b><u>Corner protectors</u></b>				
11.5.1	60 x 60 x 6mm angle section corner protectors in varying lengths twice screwed to brickwork of concrete a 500mm centres	m	1		
11.5.2	40 x 40 x 2mm angle section corner protectors in varying lengths twice screwed to brickwork of concrete a 500mm centres	m	1		
	<b><u>Welded guard,bump rails, etc</u></b>				
11.5.2a	80 x 40 x 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	1		

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
11.5.3	Extra over 80 x 40 x 2mm hollow section for mitred L-intersection	no	1		
	<b><u>Sundries</u></b>				
11.5.4	Repair chromium plated lifesaver's chair	no	1		
11,6	<b><u>Welded bearers to benches, spectators seating, etc</u></b>				
11.6.1	80 x 40 x 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	1		
11.6.2	Extra over 80 x 40 x 2mm hollow section for mitred L-intersection	no	1		
11.6.3	70 x 70 x6mm Angle section cleat three times holed and bolted to brickwork or concrete at 300mm centres	m	1		
11.6.4	Extra over 80 x 40 x 2mm hollow section for mitred L-intersection	no	1		
11.6.5	70 x 70 x6mm Angle section cleat three times holed and bolted to brickwork or concrete at 300mm centres	m	1		
11,7	<b><u>Welded framing to benches, spectators seating, etc</u></b>				
11.7.1	70 x 70 x6mm Angle section cleat three times holed and bolted to brickwork or concrete at 300mm centres	m	1		
11,8	<b><u>Welded bracing etc with flat section connecting plates bolted to steel</u></b>				
11.8.1	80 x 40 x 2,0 hollow section continuous bracing with flat section connecting plate 100 x 100 x 2,0 mm bolted to steel	m	1		
	<b><u>WELDED SCREENS, GATES, ETC</u></b>				
11,9	<b><u>Screens and gates to doors</u></b>				
11.9.1	50 x 76 x 3.5mm Hollow section framing	m	1		
11.9.2	Extra over 50 x 76mm hollow section for mitred and welded L intersection	m	1		
11.9.3	Hole through 50 x 76mm hollow section	no	1		
11.9.4	100mm M10 expansion bolt in brickwork	no	1		

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
11.9.5	Single gate 810 x 2066mm high of 50 x 50 x2,5mm hollow section frame and two 50 x 50 x 2,5mm hollow section horizontal middle rails filled in with 20mm diameter solid vertical round bars at 89mm centres framed through middle rails and into framing and fitted with three suitable hinges welded to post and a "Union" LX 3261 security gate lock box between middle rails	no	1		
11.9.6	Double gate with two single leaves 1620 x 2066mm high of 50 x 50 x2,5mm hollow section frame and two 50 x 50 x 2,5mm hollow section horizontal middle rails filled in with 20mm diameter solid vertical round bars at 89mm centres framed through middle rails and into framing and fitted with six suitable hinges welded to posts and a "Union" LX 3261 security gate lock box between middle rails including conversion set.	no	1		
11.9.7	Steel wire expanded mesh burglar proofing not exceeding 1,0m <sup>2</sup> bolted to brickwork	no	1		
11.9.8	Steel wire expanded mesh burglar proofing exceeding 1,0m <sup>2</sup> and not exceeding 2,0m <sup>2</sup> bolted to brickwork	no	1		
11.9.10	Steel wire mesh burglar proofing exceeding 2,0m <sup>2</sup> and not exceeding 3,0m <sup>2</sup> bolted to brickwork	no	1		
11.9.11	Steel round, square, etc burglar proofing not exceeding 1,0m <sup>2</sup> bolted to brickwork	no	1		
11.9.12	Steel round, square, etc burglar proofing exceeding 1,0m <sup>2</sup> and not exceeding 2,0m <sup>2</sup> bolted to brickwork	no	1		
11.9.13	Steel round, square, etc burglar proofing exceeding 2,0m <sup>2</sup> and not exceeding 3,0m <sup>2</sup> bolted to brickwork	no	1		
11.9.14	Steel round, square, etc burglar proofing not exceeding 1,0m <sup>2</sup> welded to brickwork	no	1		
11.9.15	Steel round, square, etc burglar proofing exceeding 1,0m <sup>2</sup> and not exceeding 2,0m <sup>2</sup> welded to brickwork	no	1		
11.9.16	Steel round, square, etc burglar proofing exceeding 2,0m <sup>2</sup> and not exceeding 3,0m <sup>2</sup> welded to brickwork	no	1		
11.9.17	Steel round, square, etc burglar proofing, perimeter fencing, 1800mm high welded to steel	m	1		
11.9.18	Steel round, square, etc burglar proofing, perimeter fencing, 2100mm high welded to steel	m	1		
<b><u>RETRACTABLE SECURITY GATES AND SCREENS</u></b>					

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b><u>"TRELLIDOR" or equally approved installed by a Trellidor installer for a 5-year warranty on workmanship and hardware</u></b>					
11.9.18a	Security "slamlock" gate size 900 x 2032mm high	no	1		
11.9.18b	Security "slamlock" gate size 1150 x 2032mm high	no	1		
11.9.19	Security "slamlock" gate size 1300 x 2032mm high	no	1		
11.9.20	Security screen to openings not exceeding 5m <sup>2</sup>	m2	1		
11.9.20 a	Security screen to openings exceeding 5m2 not exceeding 10m <sup>2</sup>	m2	1		
<b><u>Making good screens and gates to doors, etc.</u></b>					
11.9.21	Single gate 810 x 2066mm high of 50 x 50 x2,5mm hollow section frame and two 50 x 50 x 2,5mm hollow section horizontal middle rails filled in with 20mm diameter solid vertical round bars at 89mm centres framed through middle rails and into framing and fitted with three suitable hinges welded to post and a "Union" LX 3261 security gate lock box between middle rails	no	1		
11.9.22	Double gate with two single leaves 1620 x 2066mm high of 50 x 50 x2,5mm hollow section frame and two 50 x 50 x 2,5mm hollow section horizontal middle rails filled in with 20mm diameter solid vertical round bars at 89mm centres framed through middle rails and into framing and fitted with six suitable hinges welded to posts and a "Union" LX 3261 security gate lock box between middle rails including conversion set.	no	1		
11.9.23	Burglar proofing 2066mm high of 50 x 50 x2,5mm hollow section frame and two 50 x 50 x 2,5mm hollow section horizontal middle rails filled in with 20mm diameter solid vertical round/square bars at 89mm centres framed through middle rails and into framing and bolted to brickwork, concrete, etc.	m	1		
11.9.24	Steel wire mesh burglar proofing	m <sup>2</sup>	1		
<b><u>PRESSED STEEL DOOR FRAMES</u></b>					
<b>11,10</b>	<b><u>1,2mm. Rebated frame suitable for half brick wall</u></b>				
11.10.1	Frame for door size 762 x 2032mm. high	no	1		
11.10.2	Frame for door size 813 x 2032mm. high	no	1		



Frame for door size 900 x 2032mm. high no 1

BILL NO.1

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
11.10.4	Frame for double door size 1359 x 2032mm. high	no	1		
11.10.5	Frame for double door size 1511 x 2032mm. high	no	1		
11.10.6	Frame for double door size 1613 x 2032mm. high	no	1		
<b>11,11</b>	<b><u>1,2mm. Rebated frame suitable one brick wall</u></b>				
11.11.1	Frame for door size 762 x 2032mm. high	no	1		
11.11.2	Frame for door size 813 x 2032mm. high	no	1		
11.11.3	Frame for door size 900 x 2032mm. high	no	1		
11.11.4	Frame for double door size 1359 x 2032mm. high	no	1		
11.11.5	Frame for double door size 1511 x 2032mm. high	no	1		
11.11.6	Frame for double door size 1613 x 2032mm. high	no	1		
	<b><u>PRESSED STEEL CUPBOARD DOOR FRAMES</u></b>				
<b>11,12</b>	<b><u>Standard cupboard door frame</u></b>				
11.12.1	Frame for door size 762 x 2032mm. high	no	1		
11.12.2	Frame for door size 1511 x 2032mm. high	no	1		
	<b><u>STEEL WINDOWS, DOORS, ETC.</u></b>				
<b>11 13</b>	<b><u>Standard residential windows with 10mm diameter mild steel burglar bars to opening sashes</u></b>				
11.13.1	Window type NE1 size 533 x 654mm. high	no	1		
11.13.2	Window type NE2 size 1022 x 654mm. high	no	1		
11.13.3	Window type NE4 size 1511 x 654mm. high	no	1		
11.13.4	Window type NE11 size 2000 x 654mm. high	no	1		
11.13.5	Window type E1H size 533 x 654mm. high	no	1		
11.13.6	Window type E2H size 1022 x 654mm. high	no	1		
11.13.7	Window type E4H size 1511 x 654mm. high	no	1		
11.13.8	Window type E22 size 2000 x 654mm. high	no	1		
11.13.9	Window type NC1 size 533 x 949mm. high	no	1		
11.13.10	Window type NC2 size 1022 x 949mm. high	no	1		

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
11.13.11	Window type NC4 size 1511 x 949mm. high	no	1		
11.13.12	Window type NC11 size 2000 x 949mm. high	no	1		
11.13.13	Window type C1H size 533 x 949mm. high	no	1		
11.13.14	Window type C2H size 1022 x 949mm. high	no	1		
11.13.15	Window type C4H size 1511 x 949mm. high	no	1		
11.13.16	Window type ND1 size 533 x 1245mm. high	no	1		
11.13.17	Window type ND2 size 1022 x 1245mm. high	no	1		
11.13.18	Window type ND4 size 1511 x 1245mm. high	no	1		
11.13.19	Window type ND11 size 2000 x 1245mm. high	no	1		
11.13.20	Window type D1H size 533 x 1245mm. high	no	1		
11.13.21	Window type D2H size 1022 x 1245mm. high	no	1		
11.13.22	Window type D4H size 1511 x 1245mm. high	no	1		
11.13.23	Window type NCT1S size 533 x 949mm. high	no	1		
11.13.24	Window type NCTX7S size 1022 x 949mm. high	no	1		
11.13.25	Window type NCTX7S5 size 1511 x 949mm. high	no	1		
11.13.26	Window type TD7 size 1022 x 1245mm. high	no	1		
11.13.27	Window type TD75 size 1511 x 1245mm. high	no	1		
11.13.28	Window type TD57S8 size 2000 x 1559mm. high	no	1		
<b>11,14</b>	<b><u>Standard medium universal doors, sidelights, etc</u></b>				
11.14.1	Sidelight Type NSDAS, 800 x 2134mm high	no	1		
11.14.2	Door Type NDAS, 800 x 2134mm high	no	1		
11.14.3	Double door Type NDDA, 1524 x 2134mm high	no	1		
11.14.4	Sidelight Type SDASH, 800 x 2134mm high	no	1		
11.14.5	Door Type DASH, 800 x 2134mm high	no	1		
11.14.6	Double door Type DDAH, 1524 x 2134mm high	no	1		
	<b><u>Combination doors and frames</u></b>				
11.14.7	Door and frame size 813 x 2032mm. high	no	1		

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
11.14.8	Door and frame size 1626 x 2032mm. high	no	1		
	<b><u>ALUMINIUM SHOPFRONTS COMPLETE WITH GLAZING, HANDLES AND ALL ACCESSORIES</u></b>				
	<b><u>SLIDING FOLDING DOORS</u></b>				
11.14.9	4500-4800 x 2100mm Aluminium Folding door (Toughened Safety Glass) - 5+1 Panel	no	1		
11.14.10	4500-4800 x 2700mm Aluminium Folding door (Toughened Safety Glass) - 5+1 Panel	no	1		
11.14.11	5400-5700 x 2100mm Aluminium Folding door (Toughened Safety Glass) - 5+1 Panel	no	1		
11.14.12	5400-5700 x 2700mm Aluminium Folding door (Toughened Safety Glass) - 5+1 Panel	no	1		
11.14.13	5400-5700 x 2100mm Aluminium Folding door (Toughened Safety Glass) - 5+5 Panel	no	1		
11.14.14	5400-5700 x 2700mm Aluminium Folding door (Toughened Safety Glass) - 5+5 Panel	no	1		
11.14.14a	6300-6600 x 2100mm Aluminium Folding door (Toughened Safety Glass) - 5+5 Panel	no	1		
11.14.14b	6300-6600 x 2700mm Aluminium Folding door (Toughened Safety Glass) - 5+5 Panel	no	1		
	<b><u>ALUMINIUM SLIDING DOORS</u></b>				
11.14.15	1800 x 2100 Aluminium sliding door (Standard 5mm glass) - Double Leaf	no	1		
11.14.16	2400 x 2100 Aluminium sliding door (Standard 5mm glass) - Double Leaf	no	1		
11.14.17	3000 x 2100 Aluminium sliding door (Standard 5mm glass) - Double Leaf	no	1		
11.14.18	1800 x 2400 Aluminium sliding door (Safety glass) - Double Leaf	no	1		
11.14.19	2400 x 2400 Aluminium sliding door (Safety glass) - Double Leaf	no	1		
11.14.20	3000 x 2400 Aluminium sliding door (Safety glass) - Double leaf	no	1		
11.14.21	3600 x 2400 Aluminium sliding door (Safety glass) - Four Leaf	no	1		

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
11.14.22	4200 x 2400 Aluminium sliding door (Safety glass) - Four Leaf	no	1		
11.14.23	6000 x 2400 Aluminium sliding door (Safety glass) - Four leaf	no	1		
	<b><u>ALUMINIUM PANE DOORS</u></b>				
11.14.24	900 x 2100 Aluminium Single Door (Safety Glass) - Single leaf	no	1		
11.14.25	1800 x 2100 Aluminium Doublee Door (Safety Glass) - Double leaf	no	1		
11.14.26	900 x 2400 Aluminium Single Door (Safety Glass) - Single leaf	no	1		
11.14.27	1800 x 2400 Aluminium Double Door (Safety Glass) - Double leaf	no	1		
	<b><u>ALUMINIUM HINGE DOORS WITH MIDRAIL</u></b>				
11.14.28	900 x 2100 Aluminium Hinge Door (Safety Glass) - Single leaf	no	1		
11.14.29	1800 x 2100 Aluminium Hinge Double Door (Safety Glass) - Double leaf	no	1		
11.14.30	900 x 2400 Aluminium Hinge Door (Safety Glass) - Single leaf	no	1		
11.14.31	1800 x 2400 Aluminium Hinge Double Door (Safety Glass) - Double leaf	no	1		
	<b><u>ALUMINIUM SIDELIGHTS</u></b>				
11.14.32	600 x 2100 Aluminium Sidelight (Safety Glass) - Large Pane	no	1		
11.14.33	900 x 2100 Aluminium Sidelight (Safety Glass) - Large Pane	no	1		
11.14.34	600 x 2400 Aluminium Sidelight (Safety Glass) - Large Pane	no	1		
11.14.35	900 x 2400 Aluminium Sidelight (Safety Glass) - Large Pane	no	1		
11.14.36	600 x 2100 Aluminium Sidelight (Safety Glass) - With Midrail	no	1		
11.14.37	900 x 2100 Aluminium Sidelight (Safety Glass) - With Midrail	no	1		

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
11.14.38	600 x 2400 Aluminium Sidelight (Safety Glass) - With Midrail	no	1		
11.14.39	900 x 2400 Aluminium Sidelight (Safety Glass) - With Midrail	no	1		
11.14.40	600 x 2100 Aluminium Sidelight (Safety Glass) - With Vents	no	1		
11.14.41	900 x 2100 Aluminium Sidelight (Safety Glass) - With Vents	no	1		
11.14.42	600 x 2400 Aluminium Sidelight (Safety Glass) - With Vents	no	1		
11.14.43	900 x 2400 Aluminium Sidelight (Safety Glass) - With Vents	no	1		
	<b><u>ALUMINIUM WINDOWS</u></b>				
11.14.44	600 x 600 Aluminium Window, Code: PT66(A3) - Top Hung Casement window	no	1		
11.14.45	900 x 600 Aluminium Window, Code: PT96(A3) - Top Hung Casement window	no	1		
11.14.46	1200 x 600 Aluminium Window, Code: PT126(A3) - Top Hung Casement window	no	1		
11.14.47	600 x 900 Aluminium Window, Code: PT69(A3) - Top Hung Casement window	no	1		
11.14.48	900 x 900 Aluminium Window, Code: PT99(A3) - Top Hung Casement window	no	1		
11.14.49	1500 x 900 Aluminium Window, Code: PT159(A3) - Top Hung Casement window	no	1		
11.14.50	1800 x 1200 Aluminium Window, Code: PTT1812(A1) - Top Hung Casement window	no	1		
11.14.51	1800 x 1500 Aluminium Window, Code: PTT1815(A3) - Top Hung Casement window	no	1		
11.14.52	1800 x 1800 Aluminium Window, Code: DPTT1818(A3) - Top Hung Casement window	no	1		
11.14.53	2100 x 1200 Aluminium Window, Code: PTT2112(A1) - Top Hung Casement window	no	1		
11.14.54	2100 x 1500 Aluminium Window, Code: PTT2115(A3) - Top Hung Casement window	no	1		

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
11.14.55	2400 x 1500 Aluminium Window, Code: PTT2415(A3) - Top Hung Casement window	no	1		
11.14.56	2400 x 1200 Aluminium Window, Code: DPTT2412(A1) - Top Hung Casement window	no	1		
11.14.57	1200 x 900 Aluminium Window, Code: SH129 - Side Hung Casement window	no	1		
11.14.58	1500 x 900 Aluminium Window, Code: SH159 - Side Hung Casement window	no	1		
11.14.59	1800 x 1200 Aluminium, Code: SH1812 - Side Hung Casement window	no	1		
11.14.60	2100 x 1200 Aluminium, Code: SHH2112 - Side Hung Casement window	no	1		
11.14.61	1200 x 600 Aluminium, Code: HS126 - Horizontal Sliding window	no	1		
11.14.62	1200 x 900 Aluminium, Code: HS129 - Horizontal Sliding window	no	1		
11.14.63	1200 x 1200 Aluminium, Code: HS1212 - Horizontal Sliding window	no	1		
11.14.64	1800 x 600 Aluminium, Code: HS186 - Horizontal Sliding	no	1		
11.14.65	1800 x 900 Aluminium, Code: HS189 - Horizontal Sliding	no	1		
11.14.66	1800 x 1200 Aluminium, Code: HS1812 - Horizontal Sliding window	no	1		
11.14.67	2400 x 900 Aluminium, Code: HS249X - Horizontal Sliding window	no	1		
11.14.68	2400 x 1200 Aluminium, Code: HS2412X - Horizontal Sliding	no	1		
11.14.69	900 x 900 Aluminium, Code: VS99 - Vertical Sliding window	no	1		
11.14.70	900 x 1200 Aluminium, Code: VS912 - Vertical Sliding window	no	1		
11.14.71	900 x 1500 Aluminium, Code: VS915 - Vertical Sliding window	no	1		
11.14.72	900 x 1800 Aluminium, Code: VS918 - Vertical Sliding	no	1		
11.14.73	1200 x 1200 Aluminium, Code: VS1212 - Vertical Sliding window	no	1		
11.14.74	1200 x 1800 Aluminium, Code: VS1218 - Vertical Sliding window	no	1		

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
11.14.75	900 x 2100 Aluminium, Code: VS912S9 - Vertical Sliding window	no	1		
11.14.76	1200 x 2100 Aluminium, Code: VS1212S9 - Vertical Sliding	no	1		
	<b><u>STEEL ROLLER SHUTTERS ETC.</u></b>				
11,15	<b><u>Galvanised roller shutters fixed to brickwork or concrete</u></b>				
11.15.1	Manual pushup 76mm slatted roller shutter for 2440 x 2135mm high opening	no	1		
11.15.2	Manual pushup 76mm slatted roller shutter for 3000 x 2440mm high opening	no	1		
	<b><u>Galvanized chain operated industrial roller shutter door with 75mm slats</u></b>				
11.15.3	2750x2500mm High door	no	1		
11,16	<b><u>Pre-painted Chromadek roller shutters fixed to brickwork or concrete</u></b>				
11.16.1	Manual push-up 76mm slatted roller shutter for 2440 x 2135mm high opening	no	1		
11.16.2	Manual pushup 76mm slatted roller shutter for 3000 x 2440mm high opening	no	1		
11.16.3	Extra over manual pushup roller shutter for electrically operated complete with one transmitter and battery back-up	no	1		
	<b><u>GRILLES</u></b>				
11,17	<b><u>Aluminium grilles</u></b>				
11.17.1	Grille size 400 x 300mm high	no	1		
	<b><u>Mild Steel grilles</u></b>				
11.17.2	Grille size 400 x 300mm high	no	1		
11.17.3	Grille size 600 x500mm high	no	1		
	<b><u>Gratings</u></b>				
11,18	<b><u>Galvanised steel</u></b>				



**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
11.18.1	"Open Ended System Mentis" rectagrid grating size 3000x1000mm cut out where required to permit pipes,etc to pass through and bolted to concrete where required to permit pipes,etc to pass through and bolted to concrete surface bed	no	1,00		
	<b><u>Swimming Pool Ladder</u></b>				
11,19	<b><u>Stainless Steel</u></b>				
11.19.1	48mm Diameter, 500mm long stub pipe cast in concrete base, flush with paving for pool ladder stability	no	1,00		
11.19.2	50mm Diameter dog-leg hollow chromium plated tube, 2.5mm thick three steps ladder with 132mm diameter, 5mm thick solid flange, twice holed and welded to top end of ladder.	no	1,00		
	<b><u>STARTING BLOCKS</u></b>				
11,20	<b><u>Stainless Steel</u></b>				
11.20.1	Stainless steel "Grade 316" starting block	no	1,00		
11,21	<b><u>Fibreglass</u></b>				
11.21.1	Fibreglass starting block	no	1,00		
11,22	<b><u>Nameboards</u></b>				
11.22.1	2500 x 1800 x 8mm Chromadek nameboard mounted to 50 x 50mm welded frame mounted on 2 x 75 x 3mm diameter hollow tube, with overall height of 2500mm, 500mm bottom ends cast into and including 15MPa concrete footing in ground, including excavation, ramming, removal of spoil and leaving clean and neat.	no	1,00		
	<b><u>Lifesaver's Chair</u></b>				
11,23	<b><u>Stainless Steel</u></b>				
11.23.1	38mm Diameter tubular framework 2900mm overall height with plastic seat, overhead shade, platform and treads and rubber feet for ease of movement	no	1,00		
11.23.2	Three seater 1800 pool shade gazebo	no	1,00		
	<b><u>STEEL LOCKERS</u></b>				
11,24	<b><u>"Krost" or equally approved</u></b>				
	<b><u>Epoxy coated</u></b>				
11.24.1	18kg Single compartment unit size 1800 x 300 x 450m	no	1,00		

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
11.24.2	19kg Two compartment unit size 1800 x 300 x 450m	no	1,00		
<b>11.25.</b>	<b><u>STRUCTURAL STEEL COMPONENTS</u></b>				
11.25.1	Columns, comprising channels welded to form box sections	t	1		
11.25.2	In roof trusses-sop primed lattice	t	1		
11.25.3	In purlins of cold formed lippde Z sections	t	1		
11.25.4	In bracing	t	1		
11.25.5	Tubular welded roof trusses	t	1		
11,26	<b><u>TABLES</u></b>				
	<u>Stainless Steel</u>				
11.26.1	"Vulcan" or equally approved				
11.26.2	Model "SWB 1650" table with splashback	no	1		
11.26.3	Model "SWB 1840" table with splashback	no	1		
11,27	<b><u>WASHING LINES</u></b>				
11.27.1	4 x 8m lines Retractableline or equivalent Mounted Washing Line wall mounted both sides	no	1		
11.27.2	Compact Wall Mounted Washing line	no	1		
11.27.3	Rotating Washing Line not exceeding 3m radius	no	1		
	2.0 m long Rectangular washing line 2m high off ground,				
11.27.4	made up of 2no x 2.4m (L)75mm dia galvinised steel post forming a "T" 600mm (W) cast in concrete, with 4no strains of 3mm straining wire or skie rope.	no	1		
	4.0 m long Rectangular washing line 2m high off ground,				
11.27.5	made up of 2no x 2.4m (L)75mm dia galvinised steel post forming a "T" 600mm (W) cast in concrete, with 4no strains of 3mm straining wire or skie rope.	no	1		

**CONTRACT.8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
TOTAL CARRIED TO SUMMARY					

Item No.	Description	UNIT	QTY	RATE	AMOUNT
----------	-------------	------	-----	------	--------

## **SCHEDULE No. 12**

### **PLASTERING**

Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.

### **SUPPLEMENTARY PREAMBLES**

### **SCREEDS**

#### **12,1 Cement screeds wood floated on concrete**

12.1.1	25mm. thick on floors and landings	m <sup>2</sup>	1		
12.1.2	Average 40mm thick on floors to falls	m <sup>2</sup>	1		
12.1.3	Average 40mm thick on floors to falls and currents	m <sup>2</sup>	1		
12.1.4	25mm thick treads and risers of stairs	m <sup>2</sup>	1		

#### **Cement screeds steel floated on concrete**

12.1.5	25mm. thick on floors and landings	m <sup>2</sup>	1		
12.1.6	Average 40mm thick on floors to falls	m <sup>2</sup>	1		
12.1.7	Average 40mm thick on floors to falls and currents	m <sup>2</sup>	1		
12.1.8	25mm thick treads and risers of stairs	m <sup>2</sup>	1		

#### **12,2 Repairing superficial cracks in cement screeds on concrete or brick surfaces not exceeding 1mm wide by opening cracks, preparing and applying a suitable thick slurry finishing flush to match existing (floor finishers where applicable measured elsewhere)**

12.2.1	On horizontal top surfaces	m	1		
12.2.2	On vertical surfaces	m	1		
12.2.3	On treads and risers of stairs	m	1		

#### **12,3 12.3.1**

CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS

BILL NO.1

R  
e  
p  
a  
i  
r  
i

ng cracks in cement screeds on concrete or brick  
surfaces exceeding 1mm wide by hacking up/off  
screeds 150mm wide on both sides of crack, preparing  
existing surface and laying new screeds on and  
including chicken mesh spiked to base finishing flush  
with existing surface to match existing

On horizontal top surfaces

m

1

12.3.2

On vertical surfaces

m

1

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
12.3.3	On treads and risers of stairs	m	1		
	<b><u>GRANOLITHIC</u></b>				
<b>12,4</b>	<b><u>Untinted granolithic on concrete</u></b>				
12.4.1	25mm. thick on floors and landings	m²	1		
12.4.2	Average 40mm thick on floors to falls	m²	1		
12.4.3	Average 40mm thick on floors to falls and currents	m²	1		
12.4.4	25mm thick treads and risers of stairs	m²	1		
12.4.5	25mm thick treads and risers of stairs including reeding	m²	1		
12.4.6	25mm thick on narrow widths	m²	1		
12.4.7	Skirting 75mm high	m	1		
12.4.8	Skirting 75mm high stepped over treads and risers	m	1		
12.4.9	Skirting 75mm high average 150mm high racked over treads and risers	m	1		
<b>12,5</b>	<b><u>Repairing superficial cracks in untinted granolithic screeds on concrete or brick surfaces not exceeding 1mm wide by opening cracks, preparing and applying a suitable thick slurry finishing flush to match existing</u></b>				
12.5.1	On horizontal top surfaces	m	1		
12.5.2	On vertical surfaces	m	1		
12.5.3	On treads and risers of stairs	m	1		
<b>12,6</b>	<b><u>Repairing cracks in untinted granolithic screeds on concrete or brick surfaces exceeding 1mm wide by hacking up/off screeds 150mm wide on both sides of crack, preparing existing surface and laying new screeds on and including chicken mesh spiked to base finishing flush with existing surface to match existing</u></b>				
12.6.1	On horizontal top surfaces	m	1		
12.6.2	On vertical surfaces	m	1		
12.6.3	On treads and risers of stairs	m	1		



**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
12.7.1	Fix in position steel/uPVC underfloor cable duct 150 x 30mm deep overall including levelling by means of wedges and mortar packing, securing in position whilst screeding and working screed around and under duct and junction	m	1		
	<b><u>INTERNAL PLASTER</u></b>				
<b>12,8</b>	<b><u>Two coat cement plaster with gypsum finish on brickwork/concrete</u></b>				
12.8.1	On walls	m <sup>2</sup>	1		
12.8.2	On walls in sunk/raised panels	m <sup>2</sup>	1		
12.8.3	On walls between timber grounds (area of grounds not dedu	m <sup>2</sup>	1		
12.8.4	On circular walls	m <sup>2</sup>	1		
12.8.5	On narrow widths	m <sup>2</sup>	1		
<b>12,9</b>	<b><u>Cement plaster steel trowelled on brickwork/concrete</u></b>				
12.9.1	On walls	m <sup>2</sup>	1		
12.9.2	On walls in sunk/raised panels	m <sup>2</sup>	1		
12.9.3	On walls between timber grounds (area of grounds not dedu	m <sup>2</sup>	1		
12.9.4	On circular walls	m <sup>2</sup>	1		
12.9.5	On narrow widths	m <sup>2</sup>	1		
12.9.6	On ceilings	m <sup>2</sup>	1		
12.9.7	On raking soffits of stairs	m <sup>2</sup>	1		
12.9.8	On projecting and isolated columns/beams	m <sup>2</sup>	1		
<b>12,10</b>	<b><u>Cement plaster wood floated on brickwork/concrete</u></b>				
12.10.1	On walls	m <sup>2</sup>	1		
12.10.2	On walls in sunk/raised panels	m <sup>2</sup>	1		
12.10.3	On walls between timber grounds (area of grounds not dedu	m <sup>2</sup>	1		



**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**  
12.10.4

On circular walls

m<sup>2</sup>

1

12.10.5

On narrow widths

m<sup>2</sup>

1

12.10.6

On ceilings

m<sup>2</sup>

1

12.10.7

On raking soffits of stairs

m<sup>2</sup>

1

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
12.10.8	On projecting and isolated columns/beams	m <sup>2</sup>	1		
<b>12,11</b>	<b><u>Fine rough-cast plaster on brickwork/concrete</u></b>				
12.11.1	On walls	m <sup>2</sup>	1		
12.11.2	On walls in sunk/raised panels	m <sup>2</sup>	1		
12.11.3	On walls between timber grounds (area of grounds not dedu	m <sup>2</sup>	1		
12.11.4	On circular walls	m <sup>2</sup>	1		
12.11.5	On narrow widths	m <sup>2</sup>	1		
12.11.6	On ceilings	m <sup>2</sup>	1		
12.11.7	On raking soffits of stairs	m <sup>2</sup>	1		
12.11.8	On projecting and isolated columns/beams	m <sup>2</sup>	1		
<b>12,12</b>	<b><u>Repairing cracks in internal cement plaster on concrete or brick surfaces exceeding 1mm wide by hacking off plaster 150mm wide on both sides of crack, preparing existing surface and applying new plaster on and including chicken mesh spiked to base finishing flush with existing surface (painting measured elsewhere)</u></b>				
12.12.1	On horizontal top surfaces	m	1		
12.12.2	On sloping top surfaces	m	1		
12.12.3	On vertical surfaces	m	1		
12.12.4	On vertical surfaces circular	m	1		
12.12.5	On horizontal soffits	m	1		
12.12.6	On horizontal soffits circular	m	1		
12.12.7	On raking soffits	m	1		
12.12.8	<b><u>EXTERNAL PLASTER</u></b>				
<b>12,13</b>	<b><u>Cement plaster on brickwork/concrete</u></b>				
12.13.1	On walls	m <sup>2</sup>	1		
12.13.2	On walls in sunk/raised panels	m <sup>2</sup>	1		

**BILL NO.1**

163

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
12.13.5	On narrow widths	m <sup>2</sup>	1		
12.13.6	On ceilings	m <sup>2</sup>	1		
12.13.7	On raking soffits of stairs	m <sup>2</sup>	1		
12.13.8	On projecting and isolated columns/beams	m <sup>2</sup>	1		
<b>12,14</b>	<b><u>Rough-cast plaster on brickwork/concrete</u></b>				
12.14.1	On walls	m <sup>2</sup>	1		
12.14.2	On walls in sunk/raised panels	m <sup>2</sup>	1		
12.14.3	On walls between timber grounds (area of grounds not dedu	m <sup>2</sup>	1		
12.14.4	On circular walls	m <sup>2</sup>	1		
12.14.5	On narrow widths	m <sup>2</sup>	1		
12.14.6	On ceilings	m <sup>2</sup>	1		
12.14.7	On raking soffits of stairs	m <sup>2</sup>	1		
12.14.8	On projecting and isolated columns/beams	m <sup>2</sup>	1		
<b>12,15</b>	<b><u>Repairing cracks in external cement plaster on concrete or brick surfaces exceeding 1mm wide by hacking off plaster 150mm wide on both sides of crack, preparing existing surface and applying new plaster on and including chicken mesh spiked to base finishing flush with existing surface (painting measured elsewhere)</u></b>				
12.15.1	On horizontal top surfaces	m	1		
12.15.2	On sloping top surfaces	m	1		
12.15.3	On vertical surfaces	m	1		
12.15.4	On vertical surfaces circular	m	1		
12.15.5	On horizontal soffits	m	1		
12.15.6	On horizontal soffits circular	m	1		

12.15.7

On raking soffits

m

1

12.15.8

**SPECIALIST PLASTER WALL COVERINGS**

All specialist plaster wall coverings are to be executed in strict accordance with the manufacturer's instructions

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>12,16</b>	<b><u>"Gamma Zenith" or equal and approved 2,5mm thick "Striato Medium" pure acrylic plasticised coating with trowel on finish on plaster</u></b>				
12.16.1	On walls	m²	1		
12.16.2	On walls in sunk/raised panels	m²	1		
12.16.3	On walls between timber grounds (area of grounds not dedu	m²	1		
12.16.4	On circular walls	m²	1		
12.16.5	On narrow widths	m²	1		
12.16.6	On ceilings	m²	1		
12.16.7	On raking soffits of stairs	m²	1		
12.16.8	On projecting and isolated columns/beams	m²	1		
<b>12,17</b>	<b><u>Repairing cracks in "Gumma Zenith" or equal and approved 2,5mm thick "Striato Medium" pure acrylic plasticised coating with trowel on finish on plastered concrete or brick surfaces exceeding 1mm wide by carefully cutting out in sections using straight horizontal and/or vertical saw cuts, hacking up/off and removing plaster 150mm wide on both sides of crack, preparing existing surface and applying new cement plaster on and including chicken mesh spiked to base,</u></b>				
12.17.1	On horizontal top surfaces	m	1		
12.17.2	On sloping top surfaces	m	1		
12.17.3	On vertical surfaces	m	1		
12.17.4	On vertical surfaces circular	m	1		
12.17.5	On horizontal soffits	m	1		
12.17.6	On horizontal soffits circular	m	1		
12.17.7	On raking soffits	m	1		
<b>12,18</b>	<b><u>"Gamma Zenith" or equal and approved 3.0mm thick "Granitico" pure acrylic plasticised coating with stone finish on plaster</u></b>				
12.18.1	On walls	m²	1		
12.18.2	On walls in sunk/raised panels	m²	1		
12.18.3	On walls between timber grounds (area of grounds not dedu	m²	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
12.18.4	On circular walls	m <sup>2</sup>	1		
12.18.5	On narrow widths	m <sup>2</sup>	1		
12.18.6	On ceilings	m <sup>2</sup>	1		
12.18.7	On raking soffits of stairs	m <sup>2</sup>	1		
12.18.8	On projecting and isolated columns/beams	m <sup>2</sup>	1		
<b>12,19</b>	<b><u>Repairing cracks in "Gumma Zenith" or equal and approved 3,0mm thick "Granitico" pure acrylic plasticised coating with stone finish on plastered concrete or brick surfaces exceeding 1mm wide by carefully cutting out in sections using straight horizontal and/or vertical saw cuts, hacking up/off and removing plaster 150mm wide on both sides of crack, preparing existing surface and applying new cement plaster on and including chicken mesh spiked to base,</u></b>				
12.19.1	On horizontal top surfaces	m	1		
12.19.2	On sloping top surfaces	m	1		
12.19.3	On vertical surfaces	m	1		
12.19.4	On vertical surfaces circular	m	1		
12.19.5	On horizontal soffits	m	1		
12.19.6	On horizontal soffits circular	m	1		
12.19.7	On raking soffits	m	1		
<b>12,20</b>	<b><u>Two coats gypsum plaster "Rhinolite" polished to a smooth finish</u></b>				
12.20.1	Plaster	m <sup>2</sup>	1		
12.20.2	Plaster in patches	m <sup>2</sup>	1		
12.20.3	Gypsum plasterboard ceilings, bulkheads, etc	m <sup>2</sup>	1		
12.20.4	Gypsum plasterboard ceilings, bulkheads, etc in patches	m <sup>2</sup>	1		
12.20.5	Gypsum plasterboard partitioning	m <sup>2</sup>	1		
12.20.6	Gypsum plasterboard partitioning in patches	m <sup>2</sup>	1		
<b>12,21</b>	<b><u>Two coats gypsum plaster "Rhinolite" to a brushed finish</u></b>				

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
12.21.1	Plaster	m²	1		
12.21.2	Plaster in patches	m²	1		
12.21.3	Gypsum plasterboard ceilings, bulkheads, etc	m²	1		
12.21.4	Gypsum plasterboard ceilings, bulkheads, etc in patches	m²	1		
12.21.5	Gypsum plasterboard partitioning	m²	1		
12.21.6	Gypsum plasterboard partitioning in patches	m²	1		
<b>12,22</b>	<b><u>Two coats gypsum plaster "Rhinolite" polished to a textured finish</u></b>				
12.22.1	Plaster	m²	1		
12.22.2	Plaster in patches	m²	1		
12.22.3	Gypsum plasterboard ceilings, bulkheads, etc	m²	1		
12.22.4	Gypsum plasterboard ceilings, bulkheads, etc in patches	m²	1		
12.22.5	Gypsum plasterboard partitioning	m²	1		
12.22.6	Gypsum plasterboard partitioning in patches	m²	1		
	<b><u>AIR GRATINGS</u></b>				
<b>12,23</b>	<b><u>Air gratings</u></b>				
12.23.1	110 x 150mm cast plaster or white plastic plain pattern air grating fixed with plaster face	no	1		
	<b><u>CORNER PROTECTORS, DIVIDING STRIPS. ETC</u></b>				
<b>12,24</b>	<b><u>Dividing strips</u></b>				
12.24.1	30 x 3mm flat brass dividing strip between different floor finishes	m	1		



Item No.	Description	UNIT	QTY	RATE	AMOUNT
TOTAL CARRIED TO SUMMARY					

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b><u>SCHEDULE No. 13</u></b>					
<b><u>TILING</u></b>					
Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.					
<b><u>SUPPLEMENTARY PREAMBLES</u></b>					
Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding					
<b><u>WALL TILING</u></b>					
<b>13,1</b>	<b><u>300 x 600 x 10mm. white glazed ceramic tiles fixed with adhesive to plaster (plaster elsewhere)</u></b>				
13.1.1	On horizontal top surfaces	m <sup>2</sup>	1		
13.1.2	On sloping top surfaces	m <sup>2</sup>	1		
13.1.3	On vertical surfaces	m <sup>2</sup>	1		
13.1.4	On vertical surfaces circular	m <sup>2</sup>	1		
13.1.5	On horizontal soffits	m <sup>2</sup>	1		
13.1.6	On narrow widths	m <sup>2</sup>	1		
13.1.7	Circular cutting	m	1		
<b>13,2</b>	<b><u>600 x 1200 x 10mm. white glazed Porcelaine tiles fixed with adhesive to plaster (plaster elsewhere)</u></b>				
13.2.1	On horizontal top surfaces	m <sup>2</sup>	1		
13.2.2	On sloping top surfaces	m <sup>2</sup>	1		
13.2.3	On vertical surfaces	m <sup>2</sup>	1		
13.2.4	On vertical surfaces circular	m <sup>2</sup>	1		
13.2.5	On horizontal soffits	m <sup>2</sup>	1		

	On narrow widths	m <sup>2</sup>	1
13.2.6			
13.2.7	Circular cutting	m	1

**CONTRACT. 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>13,3</b>	<b><u>Ceramic wall tiles (PC sum R85.00/m² for supply and delivery, excluding labour, waste and VAT) fixed with adhesive to plaster (plaster elsewhere) and flush pointed with tinted waterproof jointing compound</u></b>				
13.3.1	On horizontal top surfaces	m²	1		
13.3.2	On sloping top surfaces	m²	1		
13.3.3	On vertical surfaces	m²	1		
13.3.4	On vertical surfaces circular	m²	1		
13.3.5	On horizontal soffits	m²	1		
13.3.6	On narrow widths	m²	1		
13.3.7	Circular cutting	m	1		
	<b><u>240x116x7.4mm White glazed ceramic tiles fixed with adhesive to plaster, screeds, etc</u></b>				
13.3.7a	On walls	m²	1,00		
	<b><u>100x100x5mm "Novodoma Mosaic" sheet black shiny tiles fixed with adhesive to plaster, screed, etc</u></b>				
13.3.7b	On walls	m²	1,00		
13.3.7b	Extra over for cross pattern	m²	1,00		
	<b><u>250x250x5mm "Glass Mosaic B50-31-30-13" sheet blue shiny tiles fixed with adhesive to plaster, screed, etc</u></b>				
13.3.7c	On walls	m²	1,00		
	<b><u>Code "311200900" White Glossy" size 244x119mm fixed with adhesive to plaster, screed, etc</u></b>				
13.3.7c	On walls	m²	1,00		
	<b><u>Code "311200901" White Glossy" size 244x119mm fixed with adhesive to plaster, screed, etc</u></b>				
13.3.7e	On walls	m²	1,00		

Code "311200710" Light Blue Glossy" size 244x119mm  
fixed with adhesive to plaster, screed, etc

13.3.7f	On walls	m <sup>2</sup>	1,00
---------	----------	----------------	------

**FLOOR TILING**

**CONTRACT. 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

<b>BILL NO. 1</b> <b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>13,4</b>	<b><u>Ceramic floor tiles (PC sum R125.00/m² for supply and delivery, excluding labour, waste and VAT) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with tinted jointing compound</u></b>				
13.4.1	On horizontal top surfaces	m²	1		
13.4.2	On vertical surfaces	m²	1		
13.4.3	On narrow widths	m²	1		
13.4.4	On horizontal surfaces to falls and currents	m²	1		
13.4.5	On treads and risers of stairs	m²	1		
13.4.6	Skirtings 100mm high of stretcher course tiles	m	1		
13.4.7	Skirtings exceeding 100mm high and not exceeding 150mm high of stretcher course tiles	m	1		
13.4.8	Circular cutting	m	1		
	<b><u>240x116x7.4mm White glazed ceramic tiles fixed with adhesive to plaster, screeds, etc</u></b>				
13.4.8a	On floors	m²	1,00		
13.4.8b	<b><u>100x100x5mm "Novodoma Mosaic" sheet black shiny tiles fixed with adhesive to plaster, screed, etc</u></b>				
13.4.8c1	In lanes	m	1,00		
13.4.8c2	Extra over for cross pattern	m²	1,00		
13.4.8d3	Extra over for "City of Joburg" logo pattern	m²	1,00		
13.4.8e	<b><u>295x295x5mm "Non Skid" tiles Code Union Tile "1W22WYEXSL"</u></b>				
13.4.8e1	On floors	m²	1,00		
13.4.8e2	Tile Skirting	m²	1,00		
13.4.8f	<b><u>Code "311200781" Matt Glazed Azurblau" (dark blue) size 244x119mm fixed with adhesive to plaster, screed, etc</u></b>				

On floors

 $\text{m}^2$ 

1.00

13.4.8f2

 $m^2$ 

1,00

**Code "311200786" Non-Slip Azurblau" size 244x119mm**  
fixed with adhesive to plaster, screed, etc

**CONTRACT. 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

<b>BILL NO. 1</b>	<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
	13.4.8g1	On floors	m <sup>2</sup>	1,00		
	13.4.8g2	Tile Skirting	m <sup>2</sup>	1,00		
	13.4.8h	<u><b>Code "311200710" Light Blue Glossy" size 244x119mm fixed with adhesive to plaster, screed, etc</b></u>				
	13.4.8h1	On floors	m <sup>2</sup>	1,00		
	13.4.8h2	Tile Skirting	m <sup>2</sup>	1,00		
	13.4.8i	<u><b>Code "311200716" Light Blue Non-Slip" size 244x119mm fixed with adhesive to plaster, screed, etc</b></u>				
	13.4.8i1	On floors	m <sup>2</sup>	1,00		
	13.4.8i2	Tile Skirting	m <sup>2</sup>	1,00		
	13.4.8j	<u><b>Code "663130690" RP1 Small Grooved tile Beige" size 244x119mm fixed with adhesive to plaster, screed, etc</b></u>				
	13.4.8j1	On floors	m <sup>2</sup>	1,00		
	13.4.8k	<u><b>Code "663130690-788" RP3 Small Grooved Tile Safety Marking Beige + Azurblau" size 244x119mm fixed with adhesive to plaster, screed, etc</b></u>				
	13.4.8k1	On floors	m <sup>2</sup>	1,00		
	13.4.8.l	<u><b>Code "663130690-786" Non-slip Beige Blue Nose Rounded Azurblau Matt - Raised End Edges" size 244x119mm fixed with adhesive to plaster, screed, etc</b></u>				
	13.4.8l1	On floors	m <sup>2</sup>	1,00		
	13.4.8m	<u><b>Code "311200906" RHB Non-Slip White" size 244x119mm fixed with adhesive to plaster, screed, etc</b></u>				
	13.4.8m1	On floors	m <sup>2</sup>	1,00		
		<u><b>CHANNELS</b></u>				
	13,5	<u><b>"Vaal" or equal and approved white glazed fireclay block channels bedded and jointed in 1:3 cement mortar and pointed with flush joints in 1:3 white cement mortar</b></u>				



13.5.1	150 x 100mm block SCUM channels	m	1	
13.5.2	Extra over block channels for Fair end	no	1	
13.5.3	Extra over block channels for Stopped end	no	1	

**CONTRACT. 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

BILL NO.	Item No.	Description	UNIT	QTY	RATE	AMOUNT
	13.5.4	Extra over block channels for Angle	no	1		
	13.5.5	Extra over block channels for T-intersection	no	1		
	13.5.6	Extra over block channels for X-intersection	no	1		
	13.5.7	Extra over block channels for Outlet	no	1		
	13.5.8	Extra over block channels for Stopped end with outlet	no	1		
		<b><u>TOILET PAPER HOLDERS ETC</u></b>				
	<b>13,6</b>	<b><u>"Johnson" or equal and approved white glazed ceramic</u></b>				
	13.6.1	150 x 150mm semi-recessed toilet paper holder	no	1		
	13.6.2	150 x 150mm semi-recessed soap dish	no	1		
		<b><u>POLISHED FLOORS</u></b>				
	<b>13,7</b>	<b><u>Grinding and polishing of concrete floor to "HTC Superfloor" or equivalent</u></b>				
	13.7.1	Floors not exceeding 500m <sup>2</sup>	m <sup>2</sup>	1		
	13.7.2	Floors exceeding 500m <sup>2</sup> and not exceeding 1000m <sup>2</sup>	m <sup>2</sup>	1		
	13.7.3	Floors exceeding 1000m <sup>2</sup> and not exceeding 2000m <sup>2</sup>	m <sup>2</sup>	1		
	13.7.4	Floors exceeding 2000m <sup>2</sup> and not exceeding 5000m <sup>2</sup>	m <sup>2</sup>	1		
	13.7.5	Floors exceeding 5000m <sup>2</sup> and not exceeding 10000m <sup>2</sup>	m <sup>2</sup>	1		
	13.7.8	Floors exceeding 1000m <sup>2</sup> and not exceeding 2000m <sup>2</sup>				
	<b>13,8</b>	<b><u>Grinding and polishing of concrete floor to "HTC Superfloor" in partitioned areas or equivalent</u></b>				
	13.8.6					
	13.8.1	Floors not exceeding 500m <sup>2</sup>				
	13.8.2	Floors exceeding 500m <sup>2</sup> and not exceeding				
	13.8.3	1000m <sup>2</sup> Floors exceeding 1000m <sup>2</sup> and not				
	13.8.4	exceeding 2000m <sup>2</sup> Floors exceeding 2000m <sup>2</sup>				
	13.8.5	and not exceeding 5000m <sup>2</sup> Floors exceeding				

**CONTRACT. 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

5000	m <sup>2</sup>	1				
m <sup>2</sup>	m <sup>2</sup>	1				
and	m <sup>2</sup>	1				
not	m <sup>2</sup>	1				
excee	m <sup>2</sup>	1				
ding						
10000						
m <sup>2</sup>						
Floors						
excee						
ding						
1000						
m <sup>2</sup>						
and						
not						
excee						
ding						
2000						
m <sup>2</sup>						
13,9	<u>"HTC Twister" Restoration deep clean</u>					

**CONTRACT. 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

<b>BILL NO.1</b>					
<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
13.9.1	Linoleum/vinyl	m <sup>2</sup>	1		
13.9.2	Powerfloat concrete floor	m <sup>2</sup>	1		
13.9.3	Granite	m <sup>2</sup>	1		
13.9.4	Marble	m <sup>2</sup>	1		
13.9.5	Terrazo				
<b>13.10.</b>	<b><u>"HTC Stain" Resistance</u></b>				
13.10.1	Single coat	m <sup>2</sup>	1		
<b>13,11</b>	<b><u>Cementation overlay</u></b>				
13.11.1	Placement	m <sup>2</sup>	1		
13.11.2	Door raising	no	1		
<b>13,12</b>	<b><u>Polished Porcelain floor tiles (PC sum R189.00/m<sup>2</sup> for supply and delivery, excluding labour, waste and VAT) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with tinted jointing compound</u></b>				
13.12.1	On horizontal top surfaces	m <sup>2</sup>	1		
13.12.2	On vertical surfaces	m <sup>2</sup>	1		
13.12.3	On narrow widths	m <sup>2</sup>	1		
13.12.4	On horizontal surfaces to falls and currents	m <sup>2</sup>	1		
13.12.5	On treads and risers of stairs	m <sup>2</sup>	1		
13.12.6	Skirtings 100mm high of stretcher course tiles	m	1		
13.12.7	Skirtings exceeding 100mm high and not exceeding 150mm high of stretcher course tiles	m	1		
13.12.8	Circular cutting	m	1		

**CONTRACT. 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	TOTAL CARRIED TO SUMMARY				

BILL NO.1

Item No.	Description	Unit	QTY	RATE	AMOUNT
	<b><u>SCHEDULE No. 14</u></b>				
	<b><u>GLAZING</u></b>				
	Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	<b><u>GLAZING TO STEEL WITH PUTTY</u></b>				
<b>14,1</b>	<b><u>4mm. clear float glass</u></b>				
14.1.1	4mm Glass	m <sup>2</sup>	1		
14.1.2	4mm Glass in cottage sashes	m <sup>2</sup>	1		
14.1.3	4mm Glass in shapes other than rectangular	m <sup>2</sup>	1		
<b>14,2</b>	<b><u>4mm. patterned glass</u></b>				
14.2.1	4mm Glass	m <sup>2</sup>	1		
14.2.2	4mm Glass in cottage sashes	m <sup>2</sup>	1		
14.2.3	4mm Glass in shapes other than rectangular	m <sup>2</sup>	1		
<b>14,3</b>	<b><u>6.38mm clear toughened safety glass</u></b>				
14.3.1	6.38mm Glass	m <sup>2</sup>	1		
14.3.2	6.38mm Glass in shapes other than rectangular	m <sup>2</sup>	1		
	<b><u>GLAZING TO WOOD WITH PINNED ON BEADS (BEADS MEASURED ELSEWHERE)</u></b>				
<b>14,4</b>	<b><u>4mm. clear float glass</u></b>				
14.4.1	4mm Glass	m <sup>2</sup>	1		
14.4.2	4mm Glass in cottage sashes	m <sup>2</sup>	1		
14.4.3	4mm Glass in shapes other than rectangular	m <sup>2</sup>	1		
<b>14,5</b>	<b><u>4mm. patterned glass</u></b>				
14.5.1	4mm Glass	m <sup>2</sup>	1		
14.5.2	4mm Glass in cottage sashes	m <sup>2</sup>	1		
14.5.3	4mm Glass in shapes other than rectangular	m <sup>2</sup>	1		
<b>14,6</b>	<b><u>6.38mm clear toughened safety glass</u></b>				

BILL NO.1

Item No.	Description	Unit	QTY	RATE	AMOUNT
14.6.1	6.38mm Glass	m <sup>2</sup>	1		
14.6.2	6.38mm Glass in shapes other than rectangular	m <sup>2</sup>	1		
<b><u>GLAZING TO ALUMINIUM WITH CLIP ON BEADS (BEADS MEASURED ELSEWHERE)</u></b>					
<b>14,7</b>	<b><u>4mm. clear float glass</u></b>				
14.7.1	4mm Glass	m <sup>2</sup>	1		
14.7.2	4mm Glass in cottage sashes	m <sup>2</sup>	1		
14.7.3	4mm Glass in shapes other than rectangular	m <sup>2</sup>	1		
<b>14,8</b>	<b><u>4mm. patterned glass</u></b>				
14.8.1	4mm Glass	m <sup>2</sup>	1		
14.8.2	4mm Glass in cottage sashes	m <sup>2</sup>	1		
14.8.3	4mm Glass in shapes other than rectangular	m <sup>2</sup>	1		
<b>14,9</b>	<b><u>6.38mm clear toughened safety glass</u></b>				
14.9.1	6.38mm Glass	m <sup>2</sup>	1		
14.9.2	6.38mm Glass in shapes other than rectangular	m <sup>2</sup>	1		
<b><u>GLASS LOUVRE BLADES</u></b>					
<b>14,10</b>	<b><u>6mm Clear Glass Louvre Blades</u></b>				
14.10.1	Louvre blades not exceeding 150mm wide with polished edge	m	1		
<b><u>GLASS IN TOPS, SHELVES, DOORS, MIRRORS, ETC.</u></b>					
<b>14,11</b>	<b><u>5mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u></b>				
14.11.1	Mirror 300 x 300mm high with four screws	no	1		
14.11.2	Mirror 400 x 400mm high with four screws	no	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AND AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

Mirror 400 x 600mm high with four screws no 1

**BILL NO.1** 14.11.3

Mirror size 400 x 600mm and screw fixing in recess to match existing m² 1

14.11.4



**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AND AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	Unit	QTY	RATE	AMOUNT
<b>14,12</b>	<b><u>5mm Silvered float glass copper backed mirrors with 10mm bevelled and polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u></b>				
14.12.1	Mirror 300 x 300mm high with four screws	no	1		
14.12.2	Mirror 400 x 400mm high with four screws	no	1		
14.12.3	Mirror 400 x 600mm high with four screws	no	1		
14.12.4	Mirror size and screw fixing in recess to match existing	m <sup>2</sup>	1		
	<b><u>Sundries</u></b>				
<b>14,13</b>	<b><u>Sandblasting</u></b>				
14.13.1	To glazing	m <sup>2</sup>	1		
<b>14,14</b>	<b><u>Vinyl films and tinting</u></b>				
14.14.1	Vinyl film to glazing	m <sup>2</sup>	1		
14.14.2	Vinyl film including muriels to glazing	m <sup>2</sup>	1		
<b>14,15</b>	<b><u>Awnings</u></b>				
14.15.1	Vinyl tinted awning including frame fixed to walls,concrete,wood,etc not exceeding 1200mm length	no	1		
14.15.2	Vinyl tinted awning including frame fixed to walls,concrete,wood,etc exceeding 1200mm and not exceeding 2400mm length	no	1		
	<b>TOTAL CARRIED TO SUMMARY</b>				

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b><u>SCHEDULE No. 15</u></b>					
<b><u>PAINTING</u></b>					
Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.					
<b><u>SUPPLEMENTARY PREAMBLES</u></b>					
<b><u>Descriptions</u></b>					
Description of paintwork shall be deemed to include for all cutting in					
<b><u>Paint Specifications</u></b>					
All painting shall be carried out in strict accordance with "Plascon" or equally approved specifications					
<b><u>PAINTWORK, ETC. TO NEW WORK</u></b>					
<b><u>ON BRICKS OR QUARRY TILES</u></b>					
15,1	<b><u>Two coats solvent based UV resistant clear gloss acrylic brick dressing</u></b>				
15.1.1	On sills, thresholds, etc	m <sup>2</sup>	1		
15.1.2	On flush pointed face walls	m <sup>2</sup>	1		
15.1.3	On recessed pointed face walls	m <sup>2</sup>	1		
<b><u>ON FLOATED PLASTER</u></b>					
15,2	<b><u>One coat alkaline resistant plaster primer, one coat universal alkyd based undercoat and one coats alkyd based eggshell enamel paint</u></b>				
15.2.1	On internal walls	m <sup>2</sup>	1		
15,3	<b><u>One coat alkaline resistant plaster primer and two coats superior acrylic PVA emulsion paint</u></b>				
15.3.1	On internal walls	m <sup>2</sup>	1		
15.3.2	On ceilings	m <sup>2</sup>	1		
15,4	<b><u>One coat resin based bonding liquid two coats superior acrylic PVA emulsion paint</u></b>				
15.4.1	On external walls	m <sup>2</sup>	1		

One coat resin based bonding liquid and two coats UV

BILL NO.1  
15,5

resistant water based mica and marble waterproof fine  
texture paint

BILL NO.1

15.5.1	On external walls	m <sup>2</sup>	1
	<b><u>ON FAIR FACE BRICKWORK</u></b>		
15,6	<b><u>One coat alkaline resistant plaster primer, one coat universal alkyd based undercoat and two coats superior acrylic PVA emulsion paint</u></b>		
15.6.1	On internal walls	m <sup>2</sup>	1
15.6.2	On external walls	m <sup>2</sup>	1
	<b><u>ON PLASTER BOARD</u></b>		
15,7	<b><u>One coat alkaline resistant plaster primer and two coats superior acrylic PVA emulsion paint</u></b>		
15.7.1	On ceilings and cornices	m <sup>2</sup>	1
15.7.2	On drywall partitions	m <sup>2</sup>	1
	<b><u>ON FIBRE-CEMENT</u></b>		
15,8	<b><u>One coat resin based bonding liquid two full coats UV resistant water based acrylic roof paint</u></b>		
15.8.1	On profiled roof sheets (measured on flat)	m <sup>2</sup>	1
15.8.2	On fascias and barge boards	m <sup>2</sup>	1
15,9	<b><u>One coat alkaline resistant plaster primer and two coats superior acrylic PVA emulsion paint</u></b>		
15.9.1	On internal fibre cement ceilings including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m <sup>2</sup>	1
15.9.2	On fascias and barge boards	m <sup>2</sup>	1
15.9.3	On internal fibre cement sills not exceeding 300mm girth	m	1
15.9.4	On fascia and barge boards not exceeding 300mm girth	m	1
	<b><u>ON METAL</u></b>		
15,10	<b><u>Spot prime defects in pre-primed surfaces with zinc chromate primer and apply one universal alkyd based undercoat and two coats alkyd based high gloss enamel paint</u></b>		
15.10.1	On door frames	m <sup>2</sup>	1

**BILL NO. 1<sup>15 10.2</sup>**

50  
m<sup>2</sup>

1

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
15.10.3	On window frames	m <sup>2</sup>	1		
15.10.4	On window frames with burglar bars	m <sup>2</sup>	1		
15.10.5	On gates, grilles, burglar screens, balustrades, steel palisade, etc (both sides measured over full flat area)	m <sup>2</sup>	1		
<b>15,11</b>	<b><u>One coat water based galvanised iron primer, one coat universal alkyd based undercoat and two coats alkyd based high gloss enamel paint</u></b>				
15.11.1	On corrugated iron profile roof sheeting (measured on flat)	m <sup>2</sup>	1		
15.11.2	On IBR profile roof sheeting (measured on flat)	m <sup>2</sup>	1		
15.11.3	On eaves gutters	m <sup>2</sup>	1		
15.11.4	On rails, bars, pipes etc	m	1		
15.11.5	On eaves gutters/rainwater downpipes not exceeding 300mm gir	m	1		
15.11.6	On rails, bars, pipes etc not exceeding 300mm girth	m	1		
	<b><u>ON WOOD</u></b>				
<b>15,12</b>	<b><u>One coat wood primer, one universal alkyd based undercoat and two coats alkyd based eggshell enamel paint</u></b>				
15.12.1	On boarded panelling	m <sup>2</sup>	1		
15.12.2	On boarded ceilings	m <sup>2</sup>	1		
15.12.3	On doors	m <sup>2</sup>	1		
15.12.4	On fittings	m <sup>2</sup>	1		
15.12.5	On roof timbers at eaves and verges	m <sup>2</sup>	1		
15.12.6	Skirtings, rails, etc. not exceeding 300mm. girth	m	1		
<b>15,13</b>	<b><u>Three coats clear polyurethane suede varnish</u></b>				
15.13.1	On doors	m <sup>2</sup>	1		
15.13.2	Skirtings, rails, etc. not exceeding 300mm. girth	m	1		

BILL NO.1 PREPARATORY WORK TO EXISTING WORK

Previously painted plastered surfaces

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	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 suitable filler and finished smooth				
	<b><u>Previously painted metal surfaces</u></b>				
	Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed down to bare metal				
	<b><u>Previously painted wood surfaces</u></b>				
	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				
	<b><u>ON BRICKS OR QUARRY TILES</u></b>				
15,14	<b><u>Two coats solvent based UV resistant clear gloss acrylic brick dressing</u></b>				
15.14.1	On sills, thresholds, etc	m <sup>2</sup>	1		
15.14.2	On flush pointed face walls	m <sup>2</sup>	1		
15.14.3	On recessed pointed face walls	m <sup>2</sup>	1		
	<b><u>ON FLOATED PLASTER</u></b>				
	<b><u>One coat alkaline resistant plaster primer, one coat universal alkyd based undercoat and one coats alkyd based eggshell enamel paint on work in poor condition</u></b>				
15.14.4	On internal walls	m <sup>2</sup>	1		
15.14.5	On columns	m <sup>2</sup>	1		
15,15	<b><u>One coat resin based bonding liquid two coats superior acrylic PVA emulsion paint on work in poor condition</u></b>				
15.15.1	On internal walls	m <sup>2</sup>	1		
15.15.2	On external walls	m <sup>2</sup>	1		
15.15.3	On ceilings	m <sup>2</sup>	1		
	<b><u>ON GAMMA ZENNITH</u></b>				
15 16	<b><u>One coat resin based bonding liquid two coats superior glamour paint on work in poor condition</u></b>				
15.16.1	On internal walls	m <sup>2</sup>	1		



**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
15.16.2	On external walls	m <sup>2</sup>	1		
15.16.3	On ceilings	m <sup>2</sup>	1		
	<b><u>ON FAIR FACE BRICKWORK</u></b>				
15,17	<b><u>One coat alkaline resistant plaster primer, one coat universal alkyd based undercoat and one coats alkyd based eggshell enamel paint on work in poor condition</u></b>				
15.17.1	On internal walls	m <sup>2</sup>	1		
15,18	<b><u>One coat resin based bonding liquid and two coats superior acrylic PVA emulsion paint on work in poor condition</u></b>				
15.18.1	On internal walls	m <sup>2</sup>	1		
15.18.2	On external walls	m <sup>2</sup>	1		
	<b><u>ON PLASTER BOARD</u></b>				
15,19	<b><u>One coat resin based bonding liquid and two coats superior acrylic PVA emulsion paint on work in poor condition</u></b>				
15.19.1	On ceilings and cornices	m <sup>2</sup>	1		
15.19.2	On drywall partitions	m <sup>2</sup>	1		
	<b><u>ON FIBRE-CEMENT</u></b>				
15,20	<b><u>One coat resin based bonding liquid and two full coats UV resistant water based acrylic roof paint on work in poor condition</u></b>				
15.20.1	On profiled roof sheets (measured on flat)	m <sup>2</sup>	1		
15.20.2	On fascias and barge boards	m <sup>2</sup>	1		
15,21	<b><u>Two coats superior acrylic PVA emulsion paint on work in sound condition</u></b>				
15.21.1	On internal fibre cement ceilings including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m <sup>2</sup>	1		
15.21.2	On fascias and barge boards	m <sup>2</sup>	1		
15.21.3	On internal fibre cement sills not exceeding 300mm girth	m	1		
15.21.4	On fascia and barge boards not exceeding 300mm girth	m	1		
	<b><u>ON METAL</u></b>				

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b>15,22</b>	<b><u>Two coats alkyd based high gloss enamel paint on previously painted steel in sound condition</u></b>				
15.22.1	On door frames	m <sup>2</sup>	1		
15.22.2	On recordroom,strongroom, combination doors and frames	m <sup>2</sup>	1		
15.22.3	On window frames	m <sup>2</sup>	1		
15.22.4	On window frames with burglar bars	m <sup>2</sup>	1		
15.22.5	On gates, grilles, burglar screens, balustrades, etc (both sides measured over full flat area)	m <sup>2</sup>	1		
15.22.6	On eaves gutters/rainwater downpipes not exceeding 300mm gir	m	1		
15.22.7	On rails not exceeding 300mm girth	m	1		
15.22.8	On eaves gutters	m <sup>2</sup>	1		
15.22.9	On palisade fencing	m <sup>2</sup>	1		
<b>15,23</b>	<b><u>One coat water based galvanised iron primer, one coat Universal alkyd based undercoat and two coats alkyd based high gloss enamel paint on galvanised steel in poor condition (rusted)</u></b>				
15.23.1	On corrugated iron profile roof sheeting (measured on flat)	m <sup>2</sup>	1		
15.23.2	On IBR profile roof sheeting (measured on flat)	m <sup>2</sup>	1		
15.23.3	On eaves gutters	m <sup>2</sup>	1		
15.23.4	On gates, grilles, burglar screens, balustrades, etc (both sides measured over full flat area)	m <sup>2</sup>	1		
15.23.5	On Steel Palisade (both sides measured over full flat area)	m <sup>2</sup>	1		
15.23.6	On rails, bars, pipes exceeding 300mm girth	m	1		
15.23.7	On eaves gutters/rainwater downpipes not exceeding 300mm gir	m	1		
	<b><u>ON WOOD</u></b>				
<b>15,24</b>	<b><u>Spot prime bare wood surfaces with wood primer and apply one universal alkyd based undercoat and two coats alkyd based eggshell enamel paint on previously painted</u></b>				

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**s** **urfaces in poor condition**

**BILL NO.1**

15.24.1	On doors	m²	1		
15.24.2	On fittings	m²	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
15.24.3	Skirtings, rails, etc. not exceeding 300mm. girth	m	1		
15.24.4	On roof timbers at eaves and verges	m <sup>2</sup>	1		
<b>15,25</b>	<b><u>Two coats alkyd based eggshell enamel paint on previously painted surfaces in sound condition</u></b>				
15.25.1	On doors	m <sup>2</sup>	1		
15.25.2	On fittings	m <sup>2</sup>	1		
15.25.3	Skirtings, rails, etc. not exceeding 300mm. girth	m	1		
15.25.4	On roof timbers at eaves and verges	m <sup>2</sup>	1		
<b>15,26</b>	<b><u>Three coats clear polyurethane suede varnish</u></b>				
15.26.1	On doors	m <sup>2</sup>	1		
15.26.2	Skirtings, rails, etc. not exceeding 300mm. girth	m	1		
<b>15,27</b>	<b>MURIELS AND PAINTINGS</b>				
15.27.1	TOWNSHIP THEME: Customized two dimensional puzzle designed and the pieces set back and forth to give dimension - vivid colors are used. Materials: Puzzle pieces cut out of masonite board fixed onto wall.	m2	1		
15.27.2	BEACH THEME: Individual bear figure activities on the beach set back and forth to create dimension on backing board. Materials: Masonite figures cut out and placed on masonite backing board. Acrylic formulated sand mixture to backing board.	m2	1		
15.27.3	INSECT THEME: Insects on flowers and leafs in three dimension. Materials: Gupsym board backing with formulated pastes to create dimension	m2	1		
15.27.4	SPACE THEME: Moon and planets in a dimensional space with astronaut. Materials: Gupsym board backing with formulated paste to create dimension.	m2	1		
15.27.5	ANCIENT THEME: figures (to be finalised) on dimensional Ancient Castledoing every day life. Materials: Masonite figures cut out to create dimension on a backing board	m2	1		
15.27.6	PIRATE SHIPS AND UNDER SEA THEME: Dimensional Fighting battle ships above and sea life below - to be finalised. Materials: Masonite battle ships and sea creatures cut out and placed on backing boards	m2	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
15.27.7	BUTTERFLY / MOUSE THEME: Pictures of everyday life at home - bright colors to be used. Materials: Bold Acrylic colors on Masonite board, final coat using vanish, paint brushes and rollers, glue, pencils, etc	m2	1		
15.27.8	FLOWERS / BIRD THEME: Pictures of everyday life at home - bright colors to be used. Materials: Pastel collors colors on Masonite board, final coat using vanish, paint brushes and rollers, glue, pencils, etc	m2	1		
15.27.9	BIG FIVE THEME: Pictures of everyday life at home - bright colors to be used. Materials: Pastel collors colors on Masonite board, final coat using vanish, paint brushes and rollers, glue, pencils, etc	m2	1		

**CONTRACT.8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
	TOTAL CARRIED TO SUMMARY				

BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<p><b><u>SCHEDULE No. 17</u></b></p> <p><b><u>EXTERNAL WORKS</u></b></p> <p>Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Descriptions</u></b></p> <p>For full descriptions and supplementary preambles applicable to this section, see also previous bills</p> <p><b><u>Nature of ground</u></b></p> <p>A soil investigation will be carried out on site by the engineer, and the report will be annexed to these bills of quantities. Descriptions of all excavations shall be deemed to include all ground conditions classified as "earth" described in the annexed report and where conditions of a more difficult character are indicated these are separately measured</p> <p><b><u>Carting away of excavated material</u></b></p> <p>Description of carting away of excavated material shall deemed to include loading of excavated material onto trucks directly from the excavations, or alternatively, from stock piles situated on the building site.</p>				
17,1	<p><b><u>Concrete pipes</u></b></p> <p>Pipes shall be jointed with ogee joints with rubber collars or socket and spigot joints with rubber rings</p> <p><b><u>uPVC pipes and fittings</u></b></p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings Soil, waste and vent pipes and fittings shall be solvent weld jointed</p> <p><b><u>uPVC pressure pipes and fittings</u></b></p> <p>Pipes for water supply shall be of the class stated Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose socket fittings</p> <p>Pipes of 50mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bens shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints with solvent welded uPVC loose socket fittings</p>				

BILL NO.1

**Exposed concrete surfaces**

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

**Excavations**

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

"Soft rock" and "hard rock" shall be as defined in "Earthworks"

**Laying, backfilling, bedding, etc. of pipes**

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

The selection of the imported "borrow pit" pipe bedding material for classB,C or flexible pipe beddings shall be done by the contractor, and all the tendered rates for the imported material shall be deemed to include for the necessary selection of material.

The selection of the imported "borrow pit" pipe bedding material for classB,C or flexible pipe beddings shall be done by the contractor, and all the tendered rates for the imported material shall be deemed to include for the necessary selection of material.

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

SABS 1200                      L : Medium-pressure pipelines  
    LD : Sewers  
    LE : Stormwater drainage

Pipe trenches, etc. shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200

LB : Bedding (Pipes)

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

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

**"Densyl" petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd or equally approved**



**BILL NO.1**

	<p>Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described</p> <p>Couplings and fittings to pipes shall be taped in strict accordance with the manufacturers instructions, including all mastic tape "Layflat" sheeting, securing of same, etc.</p> <p>Unless otherwise described, bedding of rigid pipes shall be class B bedding</p> <p><b><u>ALTERATIONS</u></b></p> <p><b><u>REMOVAL OF EXISTING WORK</u></b></p>			
<b>17,1</b>	<b><u>Taking out and removing road kerbs and surfacing</u></b>			
17.1.1	Break up and cart away tarmac paving and crusher run base 175mm thick bedding including concrete kerbs	m <sup>2</sup>	1	
17.1.2	Precast concrete vertical kerbs with 150 x 150mm cat in-situ concrete apron along sides of existing road including necessary excavation, backfilling and compaction	m	1	
17.1.3	Lift up concrete, clay, etc. paving blocks and set aside for re-use	m <sup>2</sup>	1	
17.1.4	Lift up concrete, clay, etc paving blocks, set aside and relay including 20mm sand bedding	m <sup>2</sup>	1	
17.1.6	Break down and cart away half brickwall 1.8m high with piers at 2m centres and cart away	m	1	
17.1.7	Break down and cart away one brickwall 1.8m high with piers at 3m centres and cart away	m	1	
17.1.8	Break down and cart away one and half brickwall 1.8m high with piers at 3m centres and cart away	m	1	
	<b><u>LANDSCAPING</u></b>			
<b>17,2</b>	<b><u>Preambles</u></b>			
17.2.1	The accuracy of bulk earthworks and landscaping will be in accordance with SABS 1200D and SABS 1200DM Degree II			
	<b><u>Topsoil, compost, lime and fertilizer</u></b>			
<b>17,3</b>	<b><u>Excavate and preserve topsoil and deposit in stockpile</u></b>			
17.3.1	Topsoil obtained from prescribed stock piles on site spread and levelled over the site for grass areas including slightly wetting and rolling with light roller	m <sup>3</sup>	1	

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

17.3.2	Topsoil obtained from prescribed stock piles on site spread and levelled over the site for grass areas including slightly wetting and rolling with light roller in plant beds, road islands, etc.	m <sup>2</sup>	1	
<b>17,4</b>	Topsoil supplied by the contractor spread and levelled over the site for grass areas	m <sup>3</sup>	1	
17.4.1	Compost in plant boxes	m <sup>3</sup>	1	
<b>17,5</b>	<b><u>TREES</u></b>			
17.5.1	Celtis africana (50l)	no	1	
17.5.2	Tanalith treated eucalyptus fencing 1200mm high	m	1	
17.5.3	Tanalith treated vertical lath (wood) handrails 1200mm high	m	1	
	<b><u>GRASSING, GROUND COVERS, ETC.</u></b>			
	<b><u>"Kikuyu"</u></b>			
<b>17,6</b>	Roots in rows	m <sup>2</sup>	1	
17.6.1	Areas not exceeding 1000m <sup>2</sup>	m <sup>2</sup>	1	
17.6.2	Areas exceeding 1000m <sup>2</sup>	m <sup>2</sup>	1	
17.6.2	Hydroseeding (Hydraulic mulch seeding, hydro-mulching)	m <sup>2</sup>	1	
	<b><u>EARTHWORKS, ROADWORKS, ETC</u></b>			
<b>17,7</b>	<b><u>Site clearance</u></b>			
17.7.1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc.	m <sup>2</sup>	1	
	<b><u>Bulk excavation, filling, etc</u></b>			
17.7.2	On drywall partitions	m <sup>2</sup>	1	
<b>17,8</b>	<b><u>Open face excavation over sloping site</u></b>			
17.8.1	Open face excavation to reduce levels under roads, parking areas, etc. (spoil measured elsewhere)	m <sup>3</sup>	1	
	<b><u>Extra over bulk excavation in earth for excavation in</u></b>			
17.8.2	Soft rock	m <sup>3</sup>	1	
17.8.3	Hard rock	m <sup>3</sup>	1	
<b>17,9</b>	<b><u>Extra over excavations for carting away</u></b>			

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

17.9.1	Surplus material from excavations on site to a dumping site to be located by the contractor (100% of excavated material)	m <sup>3</sup>	1	
	<b><u>Keeping excavations free of water</u></b>			
17.9.2	Keeping excavations free of water	Item	1	
	<b><u>Keeping excavations moist</u></b>			
17.9.4	Extra over bulk or open face excavations to reduce levels under roads, parking areas, etc. (irrespective of depth) for keeping exposed or open excavation sides and bottoms	Item	1	
17,10	<b><u>Earthfilling supplied by the contractor under roads, parking areas, paving, etc. including all haul, selection, handling, etc (No designated borrow pit available)</u></b>			
	<b>Note:</b> Road construction materials shall conform to the requirements of TRH 14: Guidelines for road construction materials			
17.10.1	Approved G7 material for use in backfilling under walkways, paths and islands in 150mm thick layers compacted to 90% Modified AASHTO density	m <sup>3</sup>	1	
17.10.2	Selected G6 type material compacted in 150mm layers to 93% Modified AASHTO density	m <sup>3</sup>	1	
17.10.3	150mm Sub-base layer G5 type material stabilized with 3% cement to obtain a C4 material compacted to 95% Modified AASHTO density	m <sup>3</sup>	1	
17,11	<b><u>Compaction of surfaces</u></b>			
17.11.1	Compaction of ground surface under roads and parking areas including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m <sup>2</sup>	1	
17,12	<b><u>Tests</u></b>			
17.12.1	"Modified AASHTO Density" test to 93%	no	1	
17,13	<b><u>Soil poisoning (In confined areas)</u></b>			
17.13.1	"Trimex-S" weedkiller mixed 30g/l water and applied at a rate of 1 litre/10m2 under road, parking and walkway paving	m <sup>2</sup>	1	
	<b><u>Precast concrete block road surfacing</u></b>			

**BILL NO.1**

	Paving is to be laid in accordance with SABS 1200 MJ, SABS 1058 and the Concrete Masonry Association's specifications			
	Paving is to be laid in herringbone pattern on 25mm (thickness after final compaction) clean river sand (preparation of ground or filling elsewhere)			
	Clean sand is to be swept into joints between roadstones			
	<b><u>ASPHALT</u></b>			
<b>17,14</b>	<b><u>Tar Surfacing (Parking and walkways)</u></b>			
17.14.1	Tar road resurfacing and making good	m <sup>2</sup>	1	
17.14.2	Tar road resurfacing and making good in bad condition	m <sup>2</sup>	1	
17.14.3	Saw-cutting asphalt(tar)	m	1	
	<b><u>PAVING</u></b>			
	<b>Lifting up, setting aside and re-laying paving blocks including backfilling and 20mm bedding sand</b>			
17.14.4	Precast concrete paving to falls	m <sup>2</sup>	1	
<b>17,15</b>	<b><u>450 x 450 x50mm precast concrete paving slabs laid on 50mm thick river sand bead including preparation of ground or filling</u></b>			
17.15.1	Paving of slabs laid with butt joints	m <sup>2</sup>	1	
17.15.2	Paving of slabs laid with 10mm wide joints jointed with mortar and flush pointed	m <sup>2</sup>	1	
17.15.3	Fair circular cutting	m	1	
	<b><u>450 x 450 x50mm precast concrete paving slabs with exposed aggregate finish laid on 50mm thick river sand bead including preparation of ground or filling</u></b>			
17.15.4	Paving of slabs laid with butt joints	m <sup>2</sup>	1	
17.15.5	Paving of slabs laid with 10mm wide joints jointed with mortar and flush pointed	m <sup>2</sup>	1	
17.15.6	Fair circular cutting	m	1	
<b>17,16</b>	<b><u>60mm Standard grey "Concor Double Zig-Zag" interlocking roadstone paving or equally approved</u></b>			
17.16.1	Paving to roads, parking areas, etc. to slight falls	m <sup>2</sup>	1	

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

17.16.2	Circular cutting to pavers	m <sup>2</sup>	1	
17.16.3	Joint of new paving or concrete edge beam to existing paving including all cutting, waste, filling of openings with concrete, etc.	m	1	
17.16.a	<b><u>60mm Standard grey "Concor Double Zig-Zag" interlocking roadstone paving or equally approved (For low traffic-All inclusive trade) Including earthworks, 25mm thick river sand bed with sand swept into joints including preparation of ground or filling etc</u></b>			
17.16.1a	Paving to roads, parking areas, etc. to slight falls	m <sup>2</sup>	1	
17,17	<b><u>85mm Standard grey "Concor Double Zig-Zag" interlocking roadstone paving or equally approved</u></b>			
17.17.1	Paving to roads, parking areas, etc. to slight falls	m <sup>2</sup>	1	
17.17.2	Circular cutting to pavers	m <sup>2</sup>	1	
17.17.3	Joint of new paving or concrete edge beam to existing paving including all cutting, waste, filling of openings with concrete, etc.	m	1	
17.17.4	<b><u>Paving of 220 x 108.5 x 50mm thick "Corobrik Tuscan Blend" paving bricks with butt joints on 25mm thick river sand bed with sand and cement mixture swept into joints and hosed down including preparation of ground or filling</u></b>			
17.17.4a	Paving in stretcher bond pattern	m <sup>2</sup>	1	
17.17.4b	Paving in stretcher bond pattern to falls	m <sup>2</sup>	1	
17.17.4c	Paving in herringboned bond pattern	m <sup>2</sup>	1	
17.17.4d	Paving in herringboned bond pattern to falls	m <sup>2</sup>	1	
17.17.4e	75mm wide brick-on-edge edging on 50mm thick mortar bed	m	1	
17.17.4f	110mm wide brick-on-end edging on 50mm thick mortar bed	m	1	
17.17.4g	220mm wide brick-on-flat header course edging on 50mm thick mortar bed	m	1	
17.17.4h	220mm wide brick-on-flat header course edging on 50mm thick mortar bed circular on plan	m	1	
17.17.4i	220mm wide brick-on-edge header course edging on 50mm thick mortar bed	m	1	
17.17.4j	220mm wide brick-on-edge header course edging on 50mm thick mortar bed circular on plan	m	1	

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

17.17.4k	170mm high brick-on-flat risers on 25mm thick mortar bed	m	1	
17.17.4l	350mm wide treads of brick-on-flat header course and brick-on-flat stretcher course on 25mm thick mortar bed	m	1	
17.17.5	<b><u>Paving of 200 x 100 x 50mm thick precast concrete "Concor Bondbrick" chamfered paving block with butt joints on 25mm thick river sand bed with sand swept into joints including preparation of ground or filling</u></b>			
17.17.5a	Paving in stretcher bond pattern	m <sup>2</sup>	1	
17.17.5b	Paving in stretcher bond pattern to falls	m <sup>2</sup>	1	
17.17.5c	Paving in herringboned bond pattern	m <sup>2</sup>	1	
17.17.5d	Paving in herringboned bond pattern to falls	m <sup>2</sup>	1	
17.17.5e	100mm wide block-on-end edging on 50mm thick mortar bed	m	1	
17.17.5f	200mm wide block-on-flat header course edging on 50mm thick mortar bed	m	1	
17.17.5g	200mm wide block-on-flat header course edging on 50mm thick mortar bed circular on plan	m	1	
17.17.5h	200mm wide block-on-edge header course edging on 50mm thick mortar bed	m	1	
17.17.5i	200mm wide block-on-edge header course edging on 50mm thick mortar bed circular on plan	m	1	
17.17.5j	170mm high brick-on-flat risers on 25mm thick mortar bed	m	1	
17.17.5k	330mm wide treads of brick-on-flat header course and brick-on-flat stretcher course on 25mm thick mortar bed	m	1	
17.17.5l	Extra for contrasting colour blocks as marker lines	m	1	
17.17.6	<b><u>Double zig-zag (shape S-A) interlocking precast concrete blocks complying with SABS 1058 laid with butt joints on 25mm thick river sand bed with sand swept into joints including preparation of ground or filling</u></b>			
17.17.6a	Paving of 80mm thick blocks including edge blocks	m <sup>2</sup>	1	
17.17.6b	Paving of 80mm thick blocks including edge blocks to falls and cross falls	m <sup>2</sup>	1	
17.17.6c	Paving of 60mm thick blocks including edge blocks	m <sup>2</sup>	1	

BILL NO.1

17.17.6d	Paving of 60mm thick blocks including edge blocks to falls and cross falls	m <sup>2</sup>	1		
17.17.6e	Extra for contrasting colour blocks as marker lines	m	1		
17.17.6f	Fair circular cutting	m	1		
17,18	<b><u>Precast concrete finished smooth on exposed surfaces including bedding, jointing and pointing</u></b>				
17.18.1	Vertical kerb (SABS 927 fig 7) 180 x 280mm high in 1 000mm sections with 13mm thick softboard expansion joints at 20 000mm centres complete with 250 x 180mm thick class 15Mpa/19mm unreinforced cast in-situ concrete continuous anchor block strip for the full length at back of kerbing including excavation, backfilling, etc.	m	1		
17.18.2	Vertical kerb (SABS 927 fig 7) 180 x 280mm high in 1 000mm sections with 13mm thick softboard expansion joints at 20 000mm centres complete with 250 x 180mm thick class 15Mpa/19mm unreinforced cast in-situ concrete continuous anchor block strip for the full length at back of kerbing, circular on plan to exceeding 4 000mm radius formed with short lengths of straight kerb including excavation, backfilling, etc.	m	1		
17.18.3	Vertical kerb (SABS 927 fig 7) 180 x 280mm high in 1 000mm sections with 13mm thick softboard expansion joints at 20 000mm centres complete with 250 x 180mm thick class 15Mpa/19mm unreinforced cast in-situ concrete continuous anchor block strip for the full length at back of kerbing, circular on plan to not exceeding 4 000mm radius formed with short lengths (maximum 300mm long) of straight kerb including excavation, backfilling, etc.	m	1		
17.18.4	Semi-mountable kerb (SABS 927 fig 7 laid flat on back) 180 x 280mm high in 1000mm sections with 13mm thick softboard expansion joints at 20 000mm centres complete with 250 x 180mm thick class 15Mpa/19mm unreinforced cast in-situ concrete continuous anchor block strip for the full length at back of kerbing including excavation, backfilling, etc.	m	1		
17.18.5	Semi-mountable kerb (SABS 927 fig 7 laid flat on back) 180 x 280mm high in 1 000mm sections with 13mm thick softboard expansion joints at 20 000mm centres complete with 250 x 180mm thick class 15Mpa/19mm unreinforced cast in-situ concrete continuous anchor block strip for the full length at back of kerbing, circular on plan to exceeding 4 000mm radius formed with short lengths of straight kerb including excavation, backfilling, etc.	m	1		

BILL NO.1

17.18.6	Semi-mountable kerb (SABS 927 fig 7 laid flat on back) 180 x 280mm high in 1 000mm sections with 13mm thick softboard expansion joints at 20 000mm centres complete with 250 x 180mm thick class 15Mpa/19mm unreinforced cast in-situ concrete continuous anchor block strip for the full length at back of kerbing, circular on plan to not exceeding 4 000mm radius formed with short lengths (maximum 300mm long) of straight kerb including excavation, backfilling, etc.	m	1
17,19	<b><u>Sundries</u></b>		
17.19.1	Joint of new fig 7 kerb to existing kerb, including all cutting	m	1
17,20	<b><u>SABS 731-1987 yellow or white roadmark paint on paving at a rate of 1 litre/m2</u></b>		
17.20.1	Line 100mm wide	m	1
17.20.2	Line 100mm wide (RTM 1)	m	1
17.20.3	Numeral or letter 400mm high	no	1
17.20.4	Numeral or letter 1250mm high (GM7)	no	1
17.20.5	Traffic arrow 1250 x 500mm wide extreme (G M4.1)	no	1
17.20.6	Information sign for "people with disability" parking in 150mm wide lines	m <sup>2</sup>	1
17.20.7	550 x 235 x 1600mm cast in-situ concrete dish channel	no	1
	<b><u>DRAINAGE</u></b>		
	<b><u>Stormwater drainage pipes</u></b>		
17,21	<b><u>SABS 966 Class 9 uPVC pressure pipes, laid to falls on and including imported bedding for flexible pipes as SABS 1200LB, drawing LB-2(a) with bottom of trench compacted to 90% Modified AASHTO density (backfilling importation elsewhere measured)</u></b>		
17.21.1	200mm Pipes laid in and including trenches not exceeding 1m deep	m	1
17.21.2	200mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	1
17.21.3	200mm Pipes laid in and including trenches exceeding 2m and not exceeding 3m deep	m	1



**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>17,22</b>	<b><u>SABS 966 Class 9 uPVC pressure pipes, laid to falls on and including imported bedding for flexible pipes as SABS 1200LB, drawing LB-2(a) including backfilling with soil raft foundation material</u></b>		
17.22.1	200mm Pipes laid in and including trenches not exceeding 1m deep	m	1
17.22.2	200mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	1
17.22.3	200mm Pipes laid in and including trenches exceeding 2m and not exceeding 3m deep	m	1
<b>17,23</b>	<b><u>Plain ended cast iron pipes with SSN couplings, laid to falls on and including imported ClassB bedding for rigid pipes as SABS 1200LB drawing LB-1(b) with bottom of trench compacted to 90% Modified AASHTO density (backfilling importation measured elsewhere)</u></b>		
17.23.1	200mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep in soil raft foundation	m	1
<b>17,24</b>	<b><u>Extra over uPVC Class 9 pipes for fittings</u></b>		
17.24.1	200mm Bend	no	1
17.24.2	200mm Junction	no	1
17.24.3	200mm SSN coupling	no	1
<b>17,25</b>	<b><u>Grid inlets, kerb inlets, field inlets, catchpits, etc. (steel and cast iron gratings and covers elsewhere measured)</u></b>		
17.25.1	Grid inlet 500 x 500mm and exceeding 500mm and not exceeding 750mm deep internally	no	1
17.25.2	Grid inlet 500 x 500mm and exceeding 750mm and not exceeding 1000mm deep internally	no	1
17.25.3	Grid inlet 500 x 500mm and exceeding 1000mm and not exceeding 1250mm deep internally	no	1
17.25.4	Grid inlet 500 x 500mm and exceeding 1250mm and not exceeding 1500mm deep internally	no	1
17.25.5	Grid inlet 500 x 500mm and exceeding 1500mm and not exceeding 1750mm deep internally	no	1
17.25.6	Junction box 500 x 500mm and not exceeding 500mm with concrete slab over	no	1
<b>17,26</b>	<b><u>Heavy duty precast concrete circular inspection chambers including step irons, bases, etc (covers elsewhere)</u></b>		

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

17.26.1	Inspection chamber 1000mm diameter exceeding 2 500mm and not exceeding 2 750mm deep internally (on top of existing stormwater pipe including altering benching, etc	no	1	
<b>17,27</b>	<b><u>Covers, etc.</u></b>			
17.27.1	450 x 450 x 79kg Medium duty cast iron flat stormwater grating and frame	no	1	
17.27.2	550mm Diameter x 75kg type 4A single seal cast iron manhole cover and frame	no	1	
<b>17,28</b>	<b><u>Sundries</u></b>			
17.28.1	Approved G6 imported imported material to be supplied by the contractor for use in pipe bacfilling to trenches in 150mm thick layers compacted to 90% Modified AASHTO density	m <sup>3</sup>	1	
17.28.2	Extra over trench excavations (irrespective of depth) for keeping exposed or open trench sides and bottoms wet at natural moisture conditions by adding or spraying of water for the whole duration of the trenching, pipe laying and backfill processes or construction duration	Item	1	
<b>17,29</b>	<b><u>Testing</u></b>			
17.29.1	Testing stormwater drainage pipe system	Item	1	
	<b><u>Soil drainage pipes</u></b>			
<b>17,30</b>	<b><u>SABS 791 Class 34 "Mainlite" uPVC pipes with rubber-ring seal couplings, laid to falls on and including imported bedding for flexible pipes as SABS 1200LB, drawing L-B2(a) with bottom of trench compacted to a minimum of 90% Modified AASHTO density (backfilling importation elsewhere measured)</u></b>			
17.30.1	110mm Pipes laid in and including trenches not exceeding 1m	m	1	
17.30.2	110mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	1	
<b>17,31</b>	<b><u>SABS 791 Class 34 "Mainlite" uPVC pipes with rubber-ring seal couplings, laid to falls on and including imported bedding for flexible pipes as SABS 1200LB, drawing L-B2(a) including backfilling with soil raft foundation material</u></b>			
17.31.1	110mm Pipes vertically or ramped to cleaning eyes, etc. (no excavation)	m	1	

**BILL NO.1**

17.31.2	110mm Pipes laid in and including trenches not exceeding 1m deep in soil raft foundation	m	1	
17.31.3	110mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep in soil raft foundation	m	1	
<b>17,32</b>	<b><u>Extra over uPVC Class 34 pipes for fittings</u></b>			
17.32.1	110mm Bend	no	1	
17.32.2	110mm Junction	no	1	
17.32.3	110mm Access junction	no	1	
17.32.4	110mm x 50mm Reducer	no	1	
17.32.5	110mm x 50mm Reducing junction	no	1	
17.32.6	110mm SSN coupling	no	1	
<b>17,33</b>	<b><u>uPVC gulleys</u></b>			
17.33.1	110mm Gulley complete with hopper head and grating, not exceeding 1 000mm deep	no	1	
<b>17,34</b>	<b><u>Heavy duty precast concrete circular inspection chambers including step irons, bases, etc (covers elsewhere)</u></b>			
17.34.1	Inspection chamber 1 000mm diameter exceeding 2 000mm deep internally	no	1	
<b>17,35</b>	<b><u>Covers, etc</u></b>			
17.35.1	550mm Diameter heavy duty precast concrete removable cover and frame	no	1	
17.35.2	Lifting key for manhole cover	no	1	
<b>17,36</b>	<b><u>FENCING</u></b>			
	<b><u>Mild steel welded palisade fence including spot prime exposed metal surfaces and and two coats high gloss enamel paint</u></b>			
17.36.1	Palisade fence 1800mm high of 40 x 40 x 3mm angle section continuous top and bottom rails and 30 x 30 x 3mm angle section pickets with top end split and sharpened at average 150mm centres, welded to rails, rails welded 2200mm high posts of 76 x 76 x 5mm square tube with steel pyramid shaped capping on top at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	1	

**BILL NO.1**

17.36.2	Palisade fence 2400mm high of 40 x 40 x 3mm angle section continuous top and bottom rails and 30 x 30 x 3mm angle section pickets with top end split and sharpened at average 150mm centres, welded to rails, rails welded 2600mm high posts of 76 x 76 x 5mm square tube with steel pyramid shaped capping on top at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean, neat and painted	m	1	
17.36.3	Palisade pedestrian gate 900mm wide x 1800mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty hinges, security type locking device suitable for hand operated control, completely installed and painted	no	1	
17.36.4	Palisade fence vehicle sliding gate 6000mm wide x 1800mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, steel track cast in or bolted to and including concrete rail footing, security type locking device suitable for hand operated control rail, gate stops, gate guides, etc. completely installed and painted	no	1	
17.36.5	Palisade fence vehicle sliding gate 6000mm wide x 2400mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, steel track cast in or bolted to and including concrete rail footing, security type locking device suitable for hand operated control rail, gate stops, gate guides, etc. completely installed	no	1	
17.36.6	Palisade fence vehicle swing double gate 3000mm wide x 2400mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, etc. completely installed and painted	no	1	

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

17.36.7	Palisade fence vehicle swing double gate 6000mm wide x 1800mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, etc. completely installed and painted	no	1	
17.36.8	Palisade fence vehicle swing double gate 6000mm wide x 2400mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, etc. completely installed and painted	no	1	
<b>17,38</b>	<b><u>Making good complete</u></b>			
17.38.1	Palisade pedestrian gate 900mm wide x 1800mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty hinges, security type locking device suitable for hand operated control	no	1	
17.38.2	Palisade fence vehicle sliding gate 6000mm wide x 1800mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, security type locking device suitable for hand operated control rail, gate stops, gate guides, etc.	no	1	
17.38.3	Palisade fence vehicle sliding gate 6000mm wide x 2400mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, steel track cast in or bolted to and including concrete rail footing, security type locking device suitable for hand operated control rail, gate stops, gate guides, etc. completely installed	no	1	
<b>17,39</b>	<b><u>Concrete Palisade Fence</u></b>			

**BILL NO.1**

17.39.1	Palisade fence 1800mm high of stacked slats, slid in-between 2300mm high posts of 110 x 70mm H-section post at 1500mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	1	
17.39.2	Palisade fence 2400mm high of stacked slats, slid in-between 2900mm high posts of 110 x 70mm H-section post at 1500mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	1	
<b>17,40</b>	<b><u>Precast Concrete Fence</u></b>			
17.40.1	Precast slatted fence 1800mm high of 110 x 70mm section continuous top and bottom rails and 140 x 70mm section with top end mitred at average 150mm centres, bolted to rails, rails bolted 2200mm high posts of 140 x 140mm square post at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	1	
17.40.2	Precast slatted fence 2400mm high of 110 x 70mm section continuous top and bottom rails and 140 x 70mm section with top end mitred at average 150mm centres, bolted to rails, rails bolted 2200mm high posts of 140 x 140mm square post at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	1	
17.40.3	Precast slatted fence panel size 1500 x 300mm	no	1	
<b>17,41</b>	<b><u>Diamond Wire Mesh</u></b>			
17.41.1	70 x 70mm Galvanised diamond wire mesh fence 1800mm high with seven horizontal strand wire of 2.9mm diameter fixed to posts, y-standards, droppers, etc with posts at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	1	
17.41.2	70 x 70mm Galvanised diamond wire mesh fence 3600mm high with fourteen horizontal strand wire of 2.9mm diameter fixed to posts, y-standards, droppers, etc with posts at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	1	
17.41.3	Post 2000 x 101 x 3mm hot dipped galvanised	no	1	

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

17.41.4	Stay 2000 x 48 x 2m hot dipped galvanised	no	1	
17.41.5	Y - standard 1850mm	no	1	
17.41.6	Droppers 1200mm	no	1	
	<b><u>Diamond Wire Mesh 1.2m high for Low Cost Housing</u></b>			
17.41.7	Wire mesh fencing shall be 1.2 m high formed of 50mm mesh chain link netting 2.5 mm diameter galvanised mild steel wire stained and secured to top and bottom rails and posts. Fencing shall be formed with three 4mm gauge strands of staining wire between 75 mm diameter posts inclusive of 38 mm tubular stays and intermediate rolled steel standards at approximately 3.65m. Corner posts shall have a minimum diameter of 75mm, 1.8m long for 1.2m high fencing and set 0.6 m deep in the ground with ends embedded in class "c" concrete. Stays shall have a minimum diameter of 38mm, 2.8mm thick. Stays shall also be neatly mitred and welded to corner and end posts. Corner posts are to be provided with two stays and end posts with one stay.	m	1	
17.41.8	Single pedestrian gate shall be 0.9 x 1.2 m high formed of 38mm diameter x 2.8 thick pipe framing all round complete with one 38mm diameter thick x 2.8 mm thick pipe horizontal brace all neatly mitred and welded at intersections, the gate with two strands of 4mm thick galvanised mild steel straining wire.	no	1	
17.41.9	Single Vehicle gate shall be 3.2 x 1.2 m high formed of 38mm diameter x 2.8 thick pipe framing all round complete with one 38mm diameter thick x 2.8 mm thick pipe horizontal brace all neatly mitred and welded at intersections, the gate with two strands of 4mm thick galvanised mild steel straining wire.	no	1	
<b>17,42</b>	<b><u>Razor barbed wire</u></b>			
17.42.1	Razor Flat-wrap - To top or bottom of fence - not exceeding 6 strands	m	1	
17.42.2	Concertina Barbed Wire to top of fence	m	1	
<b>17,43</b>	<b><u>Sundries</u></b>			
17.43.1	40 x40 x 2mm angle section @ 2m, for razor barbed wire support at 500mm length	no	1	
17.43.2	Replace missing Steel Palisade fence Slats 1800mm high made of 30 x 30 x 3mm angle section pickets with top end split and sharpened, welded to top and bottom rails including painting on both sides	no	1	

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

17.43.2a	Replace missing Steel Palisade fence Slats 2400mm high made of 30 x 30 x 3mm angle section pickets with top end split and sharpened, welded to top and bottom rails including painting on both sides	no	1	
17.43.3	Fix pedestrian gate including lock, hinges, slats, etc	no	1	
17.43.4	Replace missing Concrete Palisade fence Slats 1800mm high made of 110 x 70mm reinforced concrete	no	1	
17.43.5	Replace missing Concrete Palisade fence Slats 2400mm high made of 110 x 70mm reinforced concrete	no	1	
17.44	<b><u>"Betafence 3510" galvanised wire panels with adhesion coat coating, minimum 200micron and PVC coated to a perfect and durable finish, minimum 60micron</u></b>			
17.44.1	Panels 1988mm high fixed to 2600mm "Bekafix Secure" PVC coated post at 3050 centres including stainless steel mini spider brackets, M8 x 25 x 2mm bolts, M8 shear nuts and M8 x 50mm cup square and posts 600mm bottom ends cast into and including 15MPa concrete footing in ground, including excavation, ramming, removal of spoil and leaving clean and neat	m	1	
17.44.1a	Panels 2376mm high fixed to 3000mm "Bekafix Secure" PVC coated post at 3050 centres including stainless steel mini spider brackets, M8 x 25 x 2mm bolts, M8 shear nuts and M8 x 50mm cup square and posts 600mm bottom ends cast into and including 15MPa concrete footing in ground, including excavation, ramming, removal of spoil and leaving clean and neat	m	1	
17.44.2	Panels 6000mm high fixed to 2600mm "Bekafix Secure" PVC coated post at 3050 centres including stainless steel mini spider brackets, M8 x 25 x 2mm bolts, M8 shear nuts and M8 x 50mm cup square and posts 600mm bottom ends cast into and including 15MPa concrete footing in ground, including excavation, ramming, removal of spoil and leaving clean and neat	m <sup>2</sup>	1	
17.44.3	PVC coated serrated strip 3000mm long, including backing plates fixed to top of panel	m <sup>2</sup>	1	
	Serrated strip 3000mm long, including backing plates fixed to top of panel	m	1	
17.44.4	Hot Dipped Galvanised serrated strip 3000mm long, including backing plates fixed to top of panel	m	1	
17.44.5	Swing gate "Singleskin Flat" wire 3.96mm diameter PVC RAL 7021 MTO 2000mm high x 1000mm wide	no	1	



BILL NO.1

17.44.6	Vehicle sliding gate "Singleskin Flat" wire 3.96mm diameter PVC RAL 7021 MTO 2000mm high x 6000mm wide	no	1	
17.45	<b><u>"Betafence 3510" galvanised wire panels with hot dipped galvanised coating, zincalu super coated to SANS 10244-2:2003 specification</u></b>			
17.45.1	Panels 2000mm high fixed to 2600mm "Bekafix Secure" PVC coated post at 3050 centres including stainless steel mini spider brackets, M8 x 25 x 2mm bolts, M8 shear nuts and M8 x 50mm cup square and posts 600mm bottom ends cast into and including 15MPa concrete footing in ground, including excavation, ramming, removal of spoil and leaving clean and neat	m	1	
17.45.1a	Panels 2376mm high fixed to 3000mm "Bekafix Secure" PVC coated post at 3050 centres including stainless steel mini spider brackets, M8 x 25 x 2mm bolts, M8 shear nuts and M8 x 50mm cup square and posts 600mm bottom ends cast into and including 15MPa concrete footing in ground, including excavation, ramming, removal of spoil and leaving clean and neat	m	1	
17.45.2	Panels 6000mm high fixed to 2600mm "Bekafix Secure" PVC coated post at 3050 centres including stainless steel mini spider brackets, M8 x 25 x 2mm bolts, M8 shear nuts and M8 x 50mm cup square and posts 600mm bottom ends cast into and including 15MPa concrete footing in ground, including excavation, ramming, removal of spoil and leaving clean and neat	m <sup>2</sup>	1	
17.45.3	Hot Dipped Galvanised serrated strip 3000mm long, including backing plates fixed to top of panel	m	1	
17.45.4	Swing gate "Singleskin Flat" wire 3.96mm diameter PVC RAL 7021 MTO 2000mm high x 1000mm wide	no	1	
17.45.5	Vehicle sliding gate "Singleskin Flat" wire 3.96mm diameter PVC RAL 7021 MTO 2000mm high x 6000mm wide	no	1	
	<b><u>CARPOTS WITH ROOF SHEETING TO SLIGHT FALLS</u></b>			

BILL NO.1

17,46	<u>Carpots comprising the following: concrete foundations for columns to be 20Mpa concrete, 500 x 500 x 600mm deep including all excavations, backfilling, compaction, carting away, etc; columns 76 x 76 x 3mm hot rolled tubing with 150 x 150 x 3mm base plates and 200 x 70 x 6mm top flanges: columns 2600mm minimum height, beams; 76 x 76 x3mm hot rolled tubing with closed ends; beams bolted to columns with two 10 x 100mm bolts and nuts at each column; purlins; 150 x 75 x 20 x3mm hot rolled lipped channels bolted to cleats on beams with 0.5mm thick chromadek finished IBR profile roof sheeting; all steelwork cleaned with degreaser and painted with one each of red oxide and universal primer with two coats enamel paint</u>			
17.46.1	Carpot comprising one bay, 2,5 x 5,0m on plan, including cutting of existing paving blocks around columns	no	1	
17.46.2	Range of carpots (one row) comprising two bays, each bay 2,5 x 5,0m on plan, with carpot structure stepped over sloping site if required, including cutting of existing paving blocks around columns	no	1	
17.46.3	Range of carpots (one row) comprising three bays, each bay 2,5 x 5,0m on plan, with carpot structure stepped over sloping site if required, including cutting of existing paving blocks around columns	no	1	
17.46.4	Range of carpots (one row) comprising four bays, each bay 2,5 x 5,0m on plan, with carpot structure stepped over sloping site if required, including cutting of existing paving blocks around columns	no	1	
17.46.5	Range of carpots (one row) comprising five bays, each bay 2,5 x 5,0m on plan, with carpot structure stepped over sloping site if required, including cutting of existing paving blocks around columns	no	1	
17.46.6	Range of carpots (one row) comprising six bays, each bay 2,5 x 5,0m on plan, with carpot structure stepped over sloping site if required, including cutting of existing paving blocks around columns	no	1	
17,47	<u>COURTS</u> <u>Clay Courts "NEW"</u>			
17.47.1	Volleyball, netball, basketball, multi-purpose courts including markings (earthworks measured elsewhere)	m <sup>2</sup>	1	
17,48	<u>Refurbishment of Clay Courts</u>			
17.48.1	Volleyball, netball, basketball, multi-purpose courts including markings	m <sup>2</sup>	1	

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

17.48.2	Volleybal, netball, basketball, multi-purpose courts including markings in bad conditions	m <sup>2</sup>	1	
	<b><u>GRADING</u></b>			
<b>17,49</b>	<b><u>Grading of soccer fields</u></b>			
17.49.1	Open face excavation to reduce levels	m <sup>2</sup>	1	
<b>17,50</b>	<b><u>"Enviro Outdoor Furniture" or equally approved</u></b>			
17.50.1	Plastic jungle gym combo	no	1	
17.50.2	Plastic two seater sleeper bench 1200mm with back and set in concrete base including all excavations and formwork	no	1	
17.50.3	Plastic three seater sleeper bench 1800mm with back and set in concrete base including all excavations and formwork	no	1	
17.50.4	Plastic five seater picnic set with open back bench and table set in concrete base including all excavations and formwork	no	1	
17.50.5	Plastic square swivel bin	no	1	
17.50.6	Rubber playground flooring	m <sup>2</sup>	1	
<b>17,51</b>	<b><u>Steel seaters, poles, posts, etc.</u></b>			
	<b><u>Epoxy coated</u></b>			
17.51.1	Four seater swing with A-frame Code "S2 Junior"	no	1	
17.51.2	"Tharad" or equally approved three seater senior swing	no	1	
17.51.3	50mm diameter aluminium mini soccer goal posts set,size 1000 x 1500 x 1000m with nets	no	1	
17.51.4	"Van Dyck" or equally approved easy soccer outdoor carpeting secured with resin based glue to concrete surfaces	m <sup>2</sup>	1	
<b>17,52</b>	<b><u>"Jungle Gym World" or equally approved</u></b>			
17.52.1	Code "SP 3" Ball throwing stand	no	1	
17.52.2	Code "JG3" Toddler's Beginners	no	1	
17.52.3	Code "JG4" Toddler's Advanced	no	1	
17.52.4	Code "JG 8" Junior Jungle Gym	no	1	
17.52.5	Code "JG 9" Junior Jungle Gym	no	1	
17.52.6	Code "JG 10" Senior Jungle Gym	no	1	

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

17.52.7	Code "JG 11" Senior De Lux Jungle Gym	no	1	
17.52.8	Code "JG 12" Super Senior Jungle Gym	no	1	
17.52.9	Code "JG 25 A" No Tyre Tunnel	no	1	
17.52.10	Code "JG 25 A" With Tyre Tunnel	no	1	
17.52.11	Implanted Heavy Duty Junior Jungle Gym	no	1	
17.52.12	One Seater Implanted Swing	no	1	
17.52.13	Two-Seater A-Frame Swing	no	1	
17.52.14	Four-Seater A-Frame Swing	no	1	
17.52.15	Four-Seater Implanted Swing	no	1	
17.52.16	Carousel Swing	no	1	
17.52.17	See Saw Swing	no	1	
17.52.18	Implanted Four Seat Swing	no	1	
17.52.19	Code "SR 1" Rocking Horse	no	1	
17.52.20	Code "SR 2" Four Seat Rocking Sleigh	no	1	
17.52.21	Code "HD Ssaw" Implanted Four Seat See Saw	no	1	
17.52.22	Code " HD SS" Implanted Slide Stand with 5m steel slide	no	1	
17.52.23	Code "SP 8B" One soccer goal posts (pre-school)	no	1	
17.52.24	Code "SP 5B" netball pole 2000mm high with ring and net	no	1	
17.52.25	Code "SP 6B" netball pole 3000mm high with ring and net	no	1	
17.52.26	Code "SP 8A" Soccer goal posts (pre-school)	no	1	
17.52.27	Code "SP 5A" Netball posts set 2000mm high with ring and net	no	1	
17.52.28	Code "SP 6A" netball pole 3000mm high with ring and net cast into concrete	no	1	
17.52.29	Code "SP1" Basket and netball wall mounted ring	no	1	
17.52.30	Code "SP2" Basketball ring with 3000mm high stand and blocker	no	1	
17.52.31	Code "SP4" Jogging barrel	no	1	
17.52.32	Code "SP7" set of implant rugby posts (pre-school)	no	1	

**CONTRACT. 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>17,53</b>	<b><u>"Gimtrac" or equally approved</u></b>			
17.53.1	Code "SOCC012" 3000 x 2000 x 1000mm mini soccer goal post set	no	1	
17.53.2	Code "SOCC012" 1000 x 1500 x 1000mm Aluminium mini soccer goal post set	no	1	
17.53.3	Code "SOCC012" Five seater aluminium soccer shelter	no	1	
	<b><u>PREFABRICATED SHELTERS</u></b>			
<b>17,54</b>	<b><u>WENDY HUTS</u></b>			
17.54.1	2400 X 2400mm "Rock Hard" wendy house with dune walls, galvanised roof including concrete surface bed	no	1	
	<b><u>PHYSICAL BARRIERS</u></b>			
<b>17,55</b>	<b><u>BOOM GATES</u></b>			
17.55.1	Steel boom gates not exceeding 6000mm long	no	1	
<b>17,56</b>	<b><u>BOLLARDS</u></b>			
17.56.1	200mm Diameter precast concrete bollards not exceeding 1500mm	no	1	
17.56.2	200mm Diameter steel bollards with concrete infill not exceeding 1500mm	no	1	
17.56.3	400 x 400mm precast concrete dustbin not exceeding 1500mm high	m	1	
<b>17,57</b>	<b><u>TIMBER RAILING</u></b>			
17.57.1	Tanalith treated vertical lath (wood) handrails 1200mm high	m	1	
<b>17,58</b>	<b><u>RETAINING WALL BLOCKS</u></b>			
17.58.1	Terraforce or Loffelstein or equally approved retaining wall blocks or equivalent retaining wall smooth finish closed face @ 9 blocks per m2. Including AG900 Bidum	m2	1	
17.58.2	Terraforce or Loffelstein or equally approved retaining wall blocks or equivalent retaining wall smooth finish closed face @ 6.5 blocks per m2. Including AG900 Bidum. Earthworks elsewhere.	m2	1	
17.58.3	Terraforce or Loffelstein or equally approved retaining wall blocks or equivalent retaining wall smooth finish closed face @ 9 blocks per m2. Including AG900 Bidum	m2	1	

BILL NO.1

17.58.4	Terraforce or Loffelstein or equally approved retaining wall blocks or equivalent retaining wall smooth finish closed face @ 6.5 blocks per m2. Including AG900 Bidum. Earthworks elsewhere.	m2	1	
<b>17.59</b>	<b>GRASS BLOCKS</b>			
17.59.1	Loffelstein grass block or equivalent 600x400x120mm including earthworks @ 4.1 blocks per m2.	m2	1	
<b>TOTAL CARRIED TO SUMMARY</b>				

**CONTRACT: 8/2/2/445 CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<b><u>SCHEDULE No. 18</u></b>				
	<b><u>MECHANICAL WORKS</u></b>				
	<b><u>AIRC-CONDITIONING</u></b>				
18,1	<b><u>INSPECTION AND MAINTENANCE</u></b>				
18,1,1	<u>Major service (3 monthly inspection per unit)</u>	No	1		
18,1,2	Adhoc Inspection	No	1		
18,2	<b><u>INSTALLATION</u></b>				
18,2,1	Supply and installation 9000 BTU Air-Conditioning	No	1		
18,2,2	Supply and installation 18000 BTU Air-Conditioning	No	1		
18,2,3	<u>Supply and installation 24000 BTU Air-Conditioning</u>	No	1		
18,3	<b><u>REPAIR AND MAINTENANCE</u></b>				
18,3,1	<b>9000 BTU Air-conditioning Replacement of Air-conditioning parts with the same specidfication as existing.</b>				
18,3,1,1	<u>Evaporator</u>	No	1		
18,3,1,2	Condensor	No	1		
18,3,1,3	Condensor fan	No	1		
18,3,1,4	Gas system pipes	m	1		
18,3,1,5	Compressor	No	1		
18,3,1,6	Thermostat	No	1		
18,3,1,7	<u>PC Board</u>				
18,3,1,8	Regas	No	1		
18,3,1,9	Air fliters	No	1		
18,3,1,10	Electrical works per Air-conditioning	No	1		
18,3,1,11	Remote control	No	1		

**CONTRACT: 8/2/2/445 CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

18,3,2	<b>18000 BTU Air-conditioning Replacement of Air-conditioning parts with the same specidfication as existing.</b>				
18,3,2,1	<u>Evaporator</u>	No	1		
18,3,2,2	Condensor	No	1		
18,3,2,3	Condensor fan	No	1		
18,3,2,4	Gas system pipes	m	1		
18,3,2,5	Compressor	No	1		
18,3,2,6	Thermostat	No	1		
18,3,2,7	<u>PC Board</u>				
18,3,2,8	Regas	No	1		
18,3,2,9	Air fliters	No	1		
18,3,2,10	Electrical works per Air-conditioning	No	1		
18,3,2,11	Remote control	No	1		
18,3,3	<b>24000 BTU Air-conditioning Replacement of Air-conditioning parts with the same specidfication as existing.</b>				
18,3,3,1	<u>Evaporator</u>	No	1		
18,3,3,2	Condensor	No	1		
18,3,3,3	Condensor fan	No	1		
18,3,3,4	Gas system pipes	m	1		
18,3,3,5	Compressor	No	1		
18,3,3,6	Thermostat	No	1		
18,3,3,7	<u>PC Board</u>				
18,3,3,8	Regas	No	1		
18,3,3,9	Air fliters	No	1		
18,3,3,10	Electrical works per Air-conditioning	No	1		
18,3,3,11	Remote control	No	1		
	<b>TOTAL CARRIED TO SUMMARY</b>				



BILL NO.1

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<b><u>SCHEDULE No. 19</u></b>				
	<b><u>NB:</u></b>				
	<b>ALL ITEMS CLAIMED FROM THIS BILL TO BE APPROVED BY GROUP HEAD STRATEGIC SUPPLY CHAIN MANAGEMENT (SSCM). 3 QUOTATIONS FROM LEGITIMATE SERVICE PROVIDERS. QUOTATIONS TO HAVE A COST BREAKDOWN</b>				
	<b><u>PROVISIONAL SUMS, ETC.</u></b>				
	<b><u>"HOW TO IMPLEMENT PRIME COST": THIS IS WHERE A SERVICE IS PROVIDED BY ANOTHER SERVICE PROVIDER. IN THIS CASE, THE MAIN CONTRACTOR SHALL BE ENTITLED TO CHARGE PROFITS AND ATTENDANCE</u></b>				
	Tenderers are advised to study the "Model Preambles for Trades 2008" before pricing this schedule.				
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
	CONTRACTORS" are works that will commence during the execution of various contracts and the contractor shall allow free access to the site for these specialist contractors. The contractor shall prepare a programme in conjunction with these sub-contractors in order to complete the works successfully. Payment to the specialist sub-contractor will be made via the contractor. The estimated value of these works will vary between the different contracts. However, the tenderer is to list his/her profit and attendance percentage in				
	<b><u>SPECIALIST SUB-CONTRACTORS</u></b>				
<b>16,1</b>	<b><u>PREFABRICATED TIMBER ROOF TRUSSES</u></b>				
16.1.1	For the design, manufacture, delivery to site of prefabricated timber trusses and erection by an approved sub contractor				To be advised where applicable
16.1.2	Allow for profit (insert percent only in rate column)	%	1		Rate only
16.1.3	Allow for attendance (insert percent only in rate column)	%	1		Rate only
<b>16,2</b>	<b><u>REHABILITATION OF SWIMMING POOLS</u></b>				

**CONTRACT 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
16.2.1	For the supply, installation and commissioning of pool cleaning equipment by an approved sub contractor				To be advised where applicable
16.2.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		Rate only
16.2.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%	1		Rate only
<b>16,3</b>	<b><u>STRUCTURAL STEELWORK</u></b>				
16.3.1	For the design, manufacture, delivery to site, repairs and maintenance of structural steelwork by an approved sub-contractor				To be advised where applicable
16.3.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		Rate only
16.3.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%	1		Rate only
<b>16,4</b>	<b><u>PLUMBING AND DRAINLAYING</u></b>				
16.4.1	For the supply, delivery to site of plumbing, drainlaying, including rainwater disposal, sewerage disposal, sanitary fittings, sanitary plumbing, water and fire reticulation, etc and installation by an approved sub contractor				To be advised where applicable
16.4.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		Rate only
16.4.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%	1		Rate only
<b>16,5</b>	<b><u>ELECTRICAL INSTALLATION</u></b>				
16.5.1	For the supply, delivery to site of the electrical reticulation including light fittings, etc and installed by an approved sub contractor				To be advised where applicable
16.5.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		
16.5.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%	1		
<b>16,6</b>	<b><u>ART WORK AND SIGNAGE</u></b>				
16.6.1	For the design and installation of art work and/or signage by an approved sub contractor				To be advised where applicable
16.6.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		Rate only

**CONTRACT 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

Allow for attendance (insert percent only in rate column)

%

1

Rate only

**BILL NO. 1**

**16,7 ALUMINIUM SHOPFRONTS/CURTAIN WALLING**

16.7.1 For the supply, delivery to site of aluminium shopfronts/curtain walling and installed by an approved sub contractor

To be advised where applicable

16.7.2 Allow for profit (insert percent only in rate column)

%

1

Rate only

**CONTRACT 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
16.7.3	Allow for attendance (insert percent only in rate column)	%	1		Rate only
<b>16,8</b>	<b><u>SECURITY GATES, SCREENS, ROLLER SHUTTERS AND GRILLES</u></b>				
16.8.1	For the manufactured, delivered to site of security gates, screens, roller shutters and grilles and the erection by an approved sub contractor				To be advised where applicable
16.8.2	Allow for profit (insert percent only in rate column)	%	1		Rate only
16.8.3	Allow for attendance (insert percent only in rate column)	%	1		Rate only
<b>16,9</b>	<b><u>STEEL ROLLER SHUTTER AND GRILLES</u></b>				
16.9.1	For the manufactured, delivered to site of steel roller shutters/grilles and the erection by an approved sub contractor				To be advised where applicable
16.9.2	Allow for profit (insert percent only in rate column)	%	1		Rate only
16.9.3	Allow for attendance (insert percent only in rate column)	%	1		Rate only
<b>16.10.</b>	<b><u>ELECTRIC, SOLAR WATER HEATING AND GENERATORS</u></b>				
16.10.1	For the design, supply, installation, commissioning and maintenance of electric, solar water heating system, generators involving, solar geysers, boiler, heat pumps, generator etc by an approved sub contractor				To be advised where applicable
16.10.2	Allow for profit (insert percent only in rate column)	%	1		Rate only
16.10.3	Allow for attendance (insert percent only in rate column)	%	1		Rate only
<b>16.11.</b>	<b><u>AIR CONDITIONING / VENTILATION / EXTRACTORS/ COOLING UNITS</u></b>				
16.11.1	For the design, manufactured, delivered to site of air conditioning/ventilation system and the erection by an approved sub contractor				To be advised where applicable
16.11.2	Allow for profit (insert percent only in rate column)	%	1		Rate only
16.11.3	Allow for attendance (insert percent only in rate column)	%	1		Rate only

**CONTRACT 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**  
**FIRE DETECTION SYSTEMS**

To be advised  
where applicable

**BILL NO. 16.12**

16.12.1	For the designed, supply, installation, commissioning, repair and maintenance of fire protection / prevention systems by an approved sub contractor			
16.12.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1	Rate only
16.12.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%	1	Rate only

**CONTRACT 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

**VANITY SLAB TOPS**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
	For the supply, delivery to site and installation of granite vanity slab tops, etc an approved sub contractor				
<b>16.13.</b>					
16.13.1					To be advised where applicable
16.13.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		Rate only
16.13.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%	1		Rate only
<b>16.14.</b>	<b><u>MISCELLANEOUS</u></b>				
16.14.1	For any specialized miscellaneous items				To be advised where applicable
16.14.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		Rate only
16.14.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%	1		Rate only
<b>16.15.</b>	<b><u>CONCRETE SPALL REPAIRS</u></b>				
16.15.1	For concrete spall repairs / rehabilitation done by an approved spall repair sub contractor				To be advised where applicable
16.15.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		Rate only
16.15.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%	1		Rate only
<b>16,16</b>	<b><u>BIOMETRICS / ACCESS CONTROL</u></b>				
16.16.1	For the supply, installation, repairs and maintenance of biometrics / access control systems done by a specialist sub-contractor				To be advised where applicable
16.16.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		Rate only
16.16.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%	1		Rate only
<b>16,17</b>	<b><u>BOOK DETECTION SYSTEMS FOR LIBRARIES</u></b>				
16.17.1	For the supply, commissioning, installation, repairs, maintenance of Book detection systems, book check units and hardware warranty systems done by a specialist sub-contractor				To be advised where applicable
16.17.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		Rate only

**CONTRACT 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

Allow for attendance (insert percent only in rate column)

%

1

Rate only

**BILL NO.1**

16,18

**PRE-FABRICATED STRUCTURES**

16.18.1

For the supply and installation pre-fabricated / stroke mobile structures / cottages supplied and installed by a specialist sub-contractor

To be advised where applicable

16.18.2

Allow for profit (insert percent only in rate column)

%

1

Rate only

**CONTRACT 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
16.18.3	Allow for attendance (insert percent only in rate column)	%	1		Rate only
16.19.	<b><u>LIFTS, ESCALATORS AND HOISTS</u></b>				
16.19.1	For the supply, installation, repair, servicing and warranty to lifts, escalators and hoists installed by an accredited specialist sub-contractor				To be advised where applicable
16.19.2	Allow for profit (insert percent only in rate column)	%	1		Rate only
16.19.3	Allow for attendance (insert percent only in rate column)	%	1		Rate only
16.20.	<b><u>PROFESSIONAL CONSULTING SERVICES (Not Exceeding R200,000.00 VAT inclusive)</u></b>				
16.20.1	For the designs, investigations, cost estimates, and project management services supplied by a professional accredited consultant, such as an Architect, Quantity Surveyor, Civil Engineer, Electrical Engineer, Structural Engineer, Fire Rational Engineer, Land Surveyor, etc				To be advised where applicable
16.20.2	Allow for profit (insert percent only in rate column)	%	1		Rate only
16.20.3	Allow for attendance (insert percent only in rate column)	%	1		Rate only
16.21.	<b><u>SHOPFITTING, CAPENTRY AND JOINERY</u></b>				
16.21.1	For the fabrication, and installation of shop fitting, capentry and joinery by an approved sub contractor				To be advised where applicable
16.21.2	Allow for profit (insert percent only in rate column)	%	1		Rate only
16.21.3	Allow for attendance (insert percent only in rate column)	%	1		Rate only
16.22.	<b><u>SCAFFOLDING AND STRUCTURAL SUPPORT</u></b>				
16.22.1	For the erection of scaffolding and structural support for complex structures and high rise building exceeding nine storey high by a licensed specialist contractor				To be advised where applicable
16.22.2	Allow for profit (insert percent only in rate column)	%	1		Rate only



**CONTRACT 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

Allow for attendance (insert percent only in rate column)

%

1

Rate only

**BILL NO.1**

**16.23. FIRE DETECTION SYSTEMS**

16.23.1 For the supply, installation, commissioning, repair and maintenance of book detection systems by an approved sub contractor

To be advised where applicable

16.23.2 Allow for profit (insert percent only in rate column)

%

Rate only

**CONTRACT 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
16.23.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%			Rate only
<b>16.24.</b>	<b><u>SURVEILLANCE AND SECURITY EQUIPMENT</u></b>				
16.24.1	For the supply, installation, commissioning, repair and maintenance of Surveillance and security equipment including CCTV cameras by an approved sub contractor				To be advised where applicable
16.24.2	Allow for profit ( <b>insert percent only in rate column</b> )	%	1		Rate only
16.24.3	Allow for attendance ( <b>insert percent only in rate column</b> )	%	1		Rate only

**CONTRACT 8/2/2/445: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	TOTAL CARRIED TO SUMMARY				Rate only

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	<b><u>SCHEDULE No. 20</u></b>				
	<b><u>INSPECTION AND REPORT</u></b>				
	Carrying out detailed inspection and reporting to the Project Manager on roof covering defaults including ridges, hips, valleys, flashings, etc caused by cracks, breakages, dislodgement, failure, etc.				
<b>19,1</b>	<b><u>Roof area with pitch not exceeding 50 degrees and not exceeding 500m<sup>2</sup></u></b>				
19.1.1	Thatch/Concrete or terra cotta tiles	item	1		
19.1.2	Profiled fibre-cement sheeting	item	1		
19.1.3	Profiled metal sheeting	item	1		
<b>19,2</b>	<b><u>Roof area with pitch not exceeding 50 degrees, exceeding 500m<sup>2</sup> and not exceeding 1000m<sup>2</sup></u></b>				
19.2.1	Concrete or terra cotta tiles	item	1		
19.2.2	Profiled fibre-cement sheeting	item	1		
19.2.3	Profiled metal sheeting	item	1		
<b>19,3</b>	<b><u>Roof area with pitch not exceeding 50 degrees, exceeding 1000m<sup>2</sup> and not exceeding 2000m<sup>2</sup></u></b>				
19.3.1	Concrete or terra cotta tiles	item	1		
19.3.2	Profiled fibre-cement sheeting	item	1		
19.3.3	Profiled metal sheeting	item	1		
<b>19,4</b>	<b><u>Roof area with pitch not exceeding 50 degrees and exceeding 2000m<sup>2</sup></u></b>				
19.4.1	Concrete or terra cotta tiles	item	1		
19.4.2	Profiled fibre-cement sheeting	item	1		
19.4.3	Profiled metal sheeting	item	1		
	<b>TOTAL CARRIED TO SUMMARY</b>				

Item No.	Description	UNIT	QTY	RATE	AMOUNT
<b><u>SCHEDULE No. 21</u></b>					
<b><u>MISCELLANEOUS CHARGERS - GENERAL BUILDING ITEMS</u></b>					
<b><u>SUPPLEMENTARY PREAMBLES</u></b>					
General building services will be carried out at the discretion of The City of Johannesburg's Department Head and Project					
Where general building services are required, and the value can not be ascertained in terms of the rates provided by the contractor in Schedules No. 1 to 17, this work will be executed in terms of the contract based on the rates hereunder.					
<b>18.1.</b>	<b><u>Call-out Charge</u></b>				
18.1.1	Call-out charge (once off charge applicable to work under R30,00.00 VAT inclusive)	item	1		
18.1.1a	Call-out charge (once off charge applicable to an emergency call-out which takes place after hours, weekends and holidays)	item	1		
18.1.2	Preliminary and General (Works between R30,000.00 and R500,000.00 @ 7%) VAT exclusive	%	1	7%	Rate only
18.1.3	Preliminary and General (Works between R500,000.00 and R10 million @ 5%) VAT exclusive	%	1	5%	Rate only
<b><u>LABOUR RATES - LIMITED TO BILL NO.16 (For new items with no rates)</u></b>					
<b>GENERAL BUILDING</b>					
<b>18.2.</b>	<b><u>Normal hours</u></b>				
18.2.1	General Labour (R200 per day)	hr	1		
18.2.2	Semi Skilled (R280 per day)	hr	1		
18.2.3	Artisan (R360 per day)	hr	1		
18.2.4	Site Supervisor (R880 per day)	hr	1		
<b>18.3.</b>	<b><u>After normal hours and Saturdays</u></b>				
18.3.1	General Labour	hr	1		

BILL NO.1  
18.3.2

Semi Skilled

hr 1

18.3.3 Artisan

hr 1

**CONTRACT. 8/2/2/445 :CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
18.3.4	Contracts Manager	hr	1		
<b>18.4.</b>	<b><u>Extra over - Sundays and holidays (for eight hour shift)</u></b>				
18.4.1	General Labour	hr	1		
18.4.2	Semi Skilled	hr	1		
18.4.3	Artisan	hr	1		
18.4.4	Contracts Manager	hr	1		
<b>18.5.</b>	<b><u>SALARY TO THE COMMUNITY LIAISON OFFICE</u></b>				
18.5.1	For the Community Liaison Officer (CLO) salary, including cell phone allowance. (For Projects exceeding R650,000.00 and a month period of 3 months)		1		
<b>18.6.</b>	<b><u>SCAFFOLDING (To be used as directed by the Project Manager and to be deducted in whole or in part if not required)</u></b>				
18.6.1	Scaffolding exceeding 3.6m high and not exceeding 10m wide in normal areas, 1-storey	day	1		
18.6.2	Scaffolding exceeding 3.6m high and not exceeding 3m wide in confined areas, 1-storey	day	1		
18.6.3	Scaffolding not exceeding 8m high not exceeding 10m wide (Single Tower) in normal areas, 2-storey	day	1		
18.6.4	Scaffolding not exceeding 8m high not exceeding 3m wide (Single Tower) in confined/restricted areas, 2-storey	day	1		
18.6.5	Scaffolding exceeding 12m high and exceeding 10m wide in normal areas 3- storey	day	1		
18.6.6	Scaffolding exceeding 12m high and exceeding 10m wide in normal areas - 3-storey	day	1		
18.6.7	Scaffolding exceeding 16m high not exceeding 10m wide in normal areas, 4-storey	day	1		
18.6.8	Scaffolding exceeding 20m high not exceeding 10m wide in normal areas, 5-storey	day	1		
18.6.9	Scaffolding exceeding 24m high not exceeding 10m wide in normal areas, 5-storey	day	1		
18.6.10	Scaffolding exceeding 28m high not exceeding 10m wide in normal areas, 6-storey	day	1		

**CONTRACT. 8/2/2/445 :CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
18.6.11	Scaffolding exceeding 32m high not exceeding 10m wide in normal areas, 7-storey	day	1		
18.6.12	Scaffolding exceeding 36m high not exceeding 10m wide in normal areas, 8-storey	day	1		
<b>18.8.</b>	<b>UNBLOCKING AND PUMPING</b>				
18.8.1	Un-blocking of Drains and Manholes using sewer rods	hour	1		
18.8.2	Water ram 32mm to 50mm dia waste pipes	hour	1		
18.8.3	Electro mechanical, spring cable machine from 50 to 150mm dia	hour	1		
18.8.4	Pumping out of non-contaminated water from basements or pools into roads, stormwater channels etc	hour	1		
18.8.5	Pumping out of contaminated water from basements into nearest sewer manholes	hour	1		
18.8.6	Disinfecting or Hygiene to contaminated areas, due to sewerage or other	m2	1		
<b>18.9.</b>	<b>PLANT HIRE</b>				
	<u>Including miscellaneous items</u>				
18.9.1	Concrete Mixer STD HD GX160 5HP - Drum volume 400L dry mix input 310L, Wet Mix output 260L	hour	1		
18.9.2	Concrete Saw 13HP GX350 - 13Hp petrol engine, push type, blade size 350mm Diamond Blade	hour	1		
18.9.3	5kVa Generator	hour	1		
18.9.4	10kVA Generator	hour	1		
18.9.5	19 cfm Towable Compressor including miscellaneous	hour	1		
18.9.6	50mm Water pump	hour	1		
18.9.7	80mm Water Pump	hour	1		



**CONTRACT. 8/2/2/445 :CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS**

**BILL NO.1**  
18.9.8

Jolly Jumper / Rammer

hour 1

18.9.9 Conrete breaker / hammer

hour 1

18.9.10 Hydraulic Jack

hour 1

18.9.11 Crane Truck 20ton

hour 1

**CONTRACT. 8/2/2/445 :CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS  
BILL NO.1**

<b>Item No.</b>	<b>Description</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
18.9.12	12000 l Water Truck	hour	1		
18.9.13	6m high mobile scaffolding	hour	1		

Item No.	Description	UNIT	QTY	RATE	AMOUNT
	TOTAL CARRIED TO SUMMARY				

**CONTRACT 8/2/2/445 : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS  
FOR MIDVAAL LOCAL MUNICIPALITY ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36  
MONTHS**

<b>Bill No.</b>	<b>SUMMARY</b>	<b>PAGE</b>	<b>AMOUNT</b>
1	ALTERATIONS	30	
2	EARTHWORKS	38	
3	CONCRETE WORKS	52	
4	MASONRY	64	
5	WATERPROOFING	69	
6	ROOF COVERING	84	
7	CARPENTRY AND JOINERY	104	
8	CEILING,PARTITION	117	
9	FLOOR COVERING	125	
10	IRONMONGERY	141	
11	METALWORKS	155	
12	PLASTERING	163	
13	TILING	169	
14	GLAZING	172	
15	PAINTING	180	
16	EXTERNAL WORKS	201	
17	MECHANICAL WORKS	203	
18	PROVISIONAL SUMS	209	Rate only
19	INSPECTION AND REPORTS	210	
20	MISCELLANEOUS CHARGES	214	
<b>TOTAL CARRIED TO FORM OF OFFER</b>			

## Summary of Bill of Quantities

### BILL OF QUANTITIES

### AMOUNT

VALUE OF BUILDER'S WORK

R.....

NETT TOTAL OF TENDER .....

R.....

ALLOWANCE FOR VAT 15% .....

R.....

CARRIED TO PART C1.1 Form Of Offer And  
Acceptance .....

R.....

**TIME FOR COMPLETION OF CONTRACT:  
AS STATED IN THE FORM OF OFFER AND ACCEPTANCE (PAGE 112).**

### SIGNED BY/ON BEHALF OF TENDERER

NAME

SIGNATURE

DATE

COMPANY STAMP

---

## Declaration

### (In respect of completeness of Tender)

Midvaal Local Municipality  
25 Mitchell Street,  
Meyerton, 1961  
Midvaal

I/we, the undersigned, do hereby declare that these are the properly priced Bill of Quantities forming Part C2.2 of this Contract Document comprising 215 pages (including the Bill of Quantities comprising 55 pages) in consecutive order upon which my/our tender for the **CONTRACT NO:8/2/2/445** has been based.

### SIGNED BY/ON BEHALF OF TENDERER

**NAME**

**SIGNATURE**

**DATE**

---

## Part C3: Scope of Work

---

### **C3.1 Description Of The Works**

- C3.1.1 Employer's Objectives
- C3.1.2 Overview Of The Works
- C3.1.3 Extent Of The Works
- C3.1.4 Location Of The Works

### **C3.2 Construction**

### **C3.3 Management**

### **C3.4 Annexes**

#### **Status**

Should any requirement or provision in the parts of the Scope of Work conflict with any requirement of any Specification(s) forming part of this contract or any drawings, the order of precedence, unless otherwise specified, is:

1. Scope of Work (which includes the Project specifications)
2. Standard Specifications
3. Bill of Quantities

Error! Reference source not found.

## **C3.1. Description of the Works**

### **C3.1.1 Employer's Objectives**

The objective of the employer is to appoint a service provider for construction of Construction, refurbishment and Maintenance of buildings for Midvaal local municipality on an as and when basis for a period 36 months to be agreed upon depending on the work package.

### **C3.1.2 Overview of the Works**

Construction, Refurbishment and Maintenance of Buildings in Midvaal Local Municipality

### **C3.1.3 Extent of the Works**

The project involves the construction, refurbishment and maintenance of buildings. New buildings will vary based on the scope of works. All buildings will be as per drawings supplied. The activities will include but not construction of new buildings, refurbishment of existing buildings and maintenance of council buildings within Midvaal Local Municipality.

### **C3.1.4 Location of the Works**

Projects will be implemented on various sites all within the jurisdiction of Midvaal Local Municipality

## **C3.2. Construction**

### **C3.2.1 Work Specifications**

The specifications are not issued with this volume but are available at the Tenderer's expense from: Association of South African Quantity Surveyors.

Postal address:  
P.O. Box 3527  
Halfway House 1685

Physical address:  
Suite G6, Building 27  
Thornhill Office Park  
Bekker Road,  
Vorna Valley Ext 21,  
MIDRAND

Contact details:  
Telephone : 011-3154140  
Fax : 086 601 7087

DOCUMENT SALES:  
Reception and Document Sales  
Phone: +27 11 315 4140

#### **C3.2.1.1 Precedence of Documents**

Should any discrepancies exist between the different Specifications and/or Drawings and/or Bill of Quantities the different sections will have the following relative status in declining order:

1. Contract Drawings
2. Scope of Work (which includes the Project Specifications)
3. Standard Specifications
4. Bill of Quantities



---

**C3.2.2 Plant and Materials****C3.2.2.1 Plant and Materials Supplied by the Employer**

None

**C3.2.3 Existing Services****C3.2.3.1 Known Services**

Underground services on chosen sites may not be known at time of going to tender. Contractor to ensure all way leave applications are in place before commencing with works. It is the contractor's responsibility to ensure that underground services are protected. The appointed contractor will be liable for any damages to existing services resulting from construction activities.

**C3.2.3.2 Treatment of Existing Services**

Any services interfering with new buildings are to be relocated in consultation with the Engineer and the relevant authorities.

**C3.2.3.3 Reinstatement of Services and Structures Damaged During Construction**

It should be noted that it is Midvaal Local Municipality's policy to install underground pipes under road surfaces by drilling or pipe-jacking and to avoid trenching unless practically impossible. Any damage to roads and services caused by construction activities must be repaired at the Contractor's cost. Photographs must be taken of all fences and roads before construction commences.

**C3.2.4 Site Establishment****C3.2.4.1 Services and Facilities Provided by the Employer**

The Contractor is to make his own arrangements with Midvaal Local Municipality regarding the following services:

- Water
- Electricity
- Telecommunications
- Ablution facilities
- Accommodation

**C3.2.4.2 Facilities Provided by the Contractor**

The Contractor is to negotiate with the Midvaal LM or private property owners with regard to the position of their site camp.

**C3.2.4.3 Other Facilities and Services**

Facilities for the Engineer are described in the schedule of quantities.

**C3.2.5 Inspection of Adjoining Properties**

The Contractor is to record the condition of all fences, driveways and walls prior to commencing with construction work.

**C3.2.6 Survey Pegs**

All survey and site pegs must be protected against damage. The Contractor must check all the pegs and report all missing pegs to the Principal Agent. Any survey or site peg disturbed by the Contractor must be replaced by a Land Surveyor at the cost of the Contractor

## **C3.3. Management**

### **C3.3.1 Management of the Works**

#### **C3.3.1.1 Accommodation of Residents**

The Contractor is to ensure that sufficient access is made available for the residents to access their properties in a safe manner. Inconvenience to adjacent residents must be limited to a minimum with regard to noise and access to and around the site.

#### **C3.3.1.2 Testing, Completion, Commissioning and Correction of Defects**

The Contractor is to conduct all tests in line with SANS specifications

#### **C3.3.1.3 Recording of Weather**

Accurate rain gauging shall be taken at a suitable point on the site daily at 08:00 unless otherwise agreed to by the engineer, and the contractor shall, at his own expense, take all necessary precautions to ensure that the rain gauges cannot be interfered with by unauthorised persons.

#### **C3.3.1.4 Management Meetings**

Monthly site meetings will be arranged to monitor progress while work ordered under the term contract is in progress.

#### **C3.3.1.5 Daily Records**

A daily diary must be completed and signed by both the Contractor and the Employer's Representative on a daily basis.

#### **C3.3.1.6 Payment Certificates**

Dates for submission for payment certificates will be agreed with the Client at the site handover meeting.

### **C3.3.2 Health and Safety**

#### **C3.3.2.1 Health and Safety Requirements and Procedures**

The Contractor is to prepare a Health and Safety plan and comply with Midvaal LM's and legislated Health and Safety requirements.

#### **C3.3.2.2 Protection of the Public**

Trenches must have barricades to protect the public from possible injury.

#### **C3.3.2.3 Community Participation**

Labour requirements must be directed to Midvaal LM.

#### **C3.3.2.4 General Requirements for the Utilisation of the Resources of the Local Community**

All non-core labour must be recruited from within the local community.

Error! Reference source not found.

## **C3.4. Annexes**

- C3.4.1 Occupational Health and Safety Specifications by the Employer
- C3.4.2 Generic Labour-Intensive Specification

**Annex C3.4.1 Occupational Health and Safety Specifications by the Employer**

Error! Reference source not found.

## OHS OCCUPATIONAL, HEALTH AND SAFETY

### OHS1 GENERAL

#### OHS1.1. Tender Document

This document is the pre-contract Health and Safety Specification which must be used by the Principal Contractor and Sub Contractors appointed by the Principal Contractor to compile Health and Safety Plans for this project and forms part of the tender documentation.

**The Principal Contractor and Sub Contractors' particular attention is drawn to Section 1.2 of this specification whereby**

**"Upon award of the contract, the contractor is to assume and adopt the function and duties of the Principal Contractor as set out in the Construction Regulations 2003 No. R. 1010 promulgated 18 July 2003."**

The health and safety specifications outlined herein must be taken into account and due allowance made within the pricing of appropriate items contained within the specification. Where the tenderer is of the opinion that a requirement is missing or is not adequately specified then this shall be drawn to the Client / Client's Agent's attention during the tender period. In the absence of any direction to the contrary, the tenderer shall as part of the tender submission, set out the details of such discrepancy together with the costs associated therewith, separately identified and included within the tender figure.

#### OHS1.2. Principal Contractor

The successful tenderer will on signing of the contract for: CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS IN MIDVAAL LOCAL MUNICIPALITY ON AS AND WHEN BASIS FROM DATE OF AWARD FOR 36 MONTHS FOR MIDVAAL LOCAL MUNICIPALITY and be required to fulfil the function and duties of the Principal Contractor as set out in the Construction Regulations 2003 No. R. 1010 promulgated 18 July 2003.

#### OHS1.3. Start of Construction Phase

The construction phase shall not commence until the Principal Contractor's Health and Safety Plan was considered and approved by the Client / Client's Agent and Design Team. The Client / Client's Agent shall discuss and negotiate with the Principal Contractor the contents of the Health and Safety Plan submitted by the Principal Contractor before finally approving it for implementation.

The construction phase shall not commence until written permission is received from the Client / Client's Agent. In this respect the Client / Client's Agent may rely on the advice of the Design Team as to the adequacy and comprehensiveness of the Plan offered by the Principal Contractor.

In preparing their detailed Health and Safety Plan based on the relevant sections of this Health and safety Specifications supplied to them by the Client, Client's Agent, contractors must allow for the adoption of safe working procedures and co-ordinate and rationalise activities to avoid controllable hazards arising due to clashes of activities.

#### OHS1.4. Sub-Contractors, Suppliers & Designers

The Principal Contractor shall ensure that all direct appointments in connection with this project include provisions for the compliance of his sub-contractors, suppliers and designers, etc, with the relevant provision of the Occupational Health and Safety Act (Act 85 of 1993) and it's Regulations, in particular the Construction Regulations 2003 No. R. 1010 promulgated 18 July 2003.

#### OHS1.5. Liaison

The Principal Contractor shall together with all his appointees, liaison with the Client / Client's Agent as required under the Regulations and agree procedures for the transfer of relevant Information in respect of designs and in connection with the preparation of the Health and Safety File.

## OHS1.6. Advice

The tenderer shall, as part of the tender submission, indicate where advice will or may be required of the Client / Client's Agent in respect of the competence of the tenderer's designers and the adequacy of resources allocated or to be allocated by them.

## OHS1.7. Undertaking by Principal Contractor and Sub-Contractors appointed by the Principal Contractor

The Principal Contractor as well as Sub-Contractors appointed by him / her shall undertake in writing to ensure that the provisions of the Occupational Health and Safety Act (Act 85 of 1993) and its Regulations, in particular the Construction Regulation of 2003 No. R 1010 and any amendments or re-enactments thereto are complied with. The attached Occupational Health and Safety provisions undertaking form for the Principal Contractor in Appendix 1 shall be completed and signed by the Managing Director of the company / firm awarded the tender.

**OHS2 INFORMATION REQUIREMENTS**

The contractor must provide the following information.

## OHS2.1. General

- The Principal Contractor / Sub-Contractor shall have an OHS Policy in accordance with the OHS(Occupational Health and Safety Act, Act 85 of 1993) and include a copy of the Policy in the Health and Safety Plan to be submitted by the Principal Contractor / Sub-Contractor.
- The Principal Contractor / Sub-Contractor shall promptly display a copy of the Company's OHS Policy on the OHS Notice Board for the duration of the contract and include it into information provided to persons at the contract OHS induction.
- The Principal Contractor shall develop a Contract specific OHS Management Commitment Statement based on the Company's OHS Policy.
- The Principal Contractor's Managing Director shall sign the Commitment Statement and prominently display a copy on the OHS Notice Board for the duration of the contract. A copy of the Commitment Statement shall be included in information provided to persons at the Contract OHS induction and a copy shall also be supplied to each sub-contractor.

## OHS2.2. Management

- Details of the personnel and management systems to be put in place to prepare, manage, implement, conduct and monitor the Health and Safety Plan for the project. Broadly speaking your:
- Organisation's internal structure that establishes SHE (Safety, Health and Environmental) ROLES, RESPONSIBILITIES, ACCOUNTABILITIES, and REPORTING RELATIONSHIPS,
- SHE (Safety, Health and Environmental) PLANS, POLICIES, PROCEDURES, DIRECTIVES and STANDARDS that provide instructions as to how activities and functions are to be carried out,
- SHE (Safety, Health and Environmental) CONTROLS, INSPECTIONS, REVIEWS, etc. built into construction operations to ensure that performance is consistent with SHE (Safety, Health and Environmental) objectives and requirements,
- SHE (Safety, Health and Environmental) COMMUNICATION MECHANISMS for collecting, handling and reporting information.
- In other words Management Systems that specifies WHO is going to do WHAT, WHERE, WHEN, Why and HOW.
- Details of relevant qualifications and experience held by the persons nominated above, including recent health and safety education and training undertaken.
- Procedures for determining the competence of contractors engaged on the project, whether employed by the contractor directly or by others, to fulfill their duties under the Construction Regulations 2003 (No. R. 1010 Promulgated 18 July 2003).

## OHS2.3. Hazard Identification, Risk Assessment and control

- The Principal Contractor / Sub-Contractor shall detail and implement procedures that will identify hazards, assess risks and determine suitable control measures as they arise throughout term of the contract. These procedures shall both comply with and be implemented and managed in accordance with the specification.
- The Principal Contractor / Sub-Contractor shall detail and implement procedures that ensure control measures are evaluated for effectiveness and modified as necessary. The evaluation procedure shall detail the responsibilities, timelines and records that will be kept as part of the process.
- Where Risk is controlled through administrative control measures, the Principal Contractor / Sub-Contractor shall ensure that the administrative measures are:
  - a) Clearly documented and those personnel responsible for implementation and management are explicitly defined;
  - b) Understood by all relevant personnel through training and assessment;
  - c) Implemented as documented and promptly reviewed for effectiveness following initial implementation;
  - d) Amended and authorised as required;
  - e) Adequately supervised, managed and audited to ensure continuing compliance;
  - f) Available at all times wherever the measures are being implemented.
- Any piece of plant or equipment not complying with the specification shall cease operation until the Principal Contractor / Sub-Contractor can demonstrate to the satisfaction of the Client / Client's Agent that the piece of non-conforming plant or equipment conforms to these requirements.

#### OHS2.4. Health and Safety Plan

The Principal Contractor / Sub-Contractor shall develop a Health & Safety Plan to reflect variations in design or changes in site conditions and liaise with the Client / Client's Agent.

The Principal Contractor shall develop this Health and Safety Plan so that it:

- a) Incorporates the contractor's approach to managing the construction work to ensure the health and safety of all persons carrying out the construction work and all persons who may be affected by their work.
- b) Includes the risk assessments prepared by all Contractors under their duties set out in the Construction Regulations 2003 and any other relevant legislation (i.e. the OHS Act and Regulations, etc).
- c) Includes the arrangements for ensuring that, where appropriate or specifically requested, all Contractors / Sub-Contractors prepare suitable and sufficient method statements for their construction works which incorporate adequate measures for ensuring the health and safety of all persons who may be affected by these works.
- d) Incorporates the common arrangements for site safety, statutory notices and registers etc.
- e) Includes the site rules to be adopted for controlling the risks to health and safety during the construction phase(s) or the project.
- f) Includes reasonable arrangements for monitoring compliance with health and safety legislation and site rules.
- g) Includes reasonable measures to ensure co-operation between all Contractors and Sub-Contractors in respect of health and safety provisions and prohibitions.
- h) Includes the steps to be taken to ensure that only authorised persons are allowed into any premises or parts of the site / premises where construction work is being carried out.
- i) Includes arrangements for emergency procedures.
- j) Includes arrangements for ensuring that, so far as is reasonably practicable, every Contractor and Sub-Contractor is provided with comprehensible information about the risks



to health and safety of that Contractor / Sub-Contractor, or of any employees or other persons under their control, arising out of the construction works, including the emergency procedures

- k) Includes details of the arrangements for ensuring, so far as is reasonably practicable, that the employees or other persons under the control of any Contractor / Sub-Contractor, and any visitors to the site, receive adequate information about the risks to their health and safety arising out of the construction works and, where necessary, adequate training to carry out their work in a safe and healthy manner.
- l) Includes arrangements for providing all persons at work on the site and visitors to the site with the opportunity and means of discussing and offering advice on health and safety issues relating to the construction works.
- m) Includes arrangements for the reporting of any accidents, injuries or dangerous occurrences, including conforming with the statutory requirements.
- n) Can be modified as the work proceeds to take account of any information received from Contractors / Sub-Contractors, any experience gained during the course of the project or any changes necessary as a result of unforeseen circumstances or alterations to the design.

**OHS2.5. Programme**

A time estimate required by the contractor to implement the Health & Safety Plan sufficiently for works to commence on site.

**OHS2.6. Cost**

A detailed breakdown of costs allowed in the contractor's tender for preparing, managing, implementing and monitoring the Health and Safety Plan, and for complying with the requirements imposed on the Principal Contractors under the Construction Regulations of 2003(No. R. 1010 Promulgated 18 July 2003).

**OHS3 GENERAL SITE SAFETY**

**OHS3.1. Safety training & education**

The Principal Contractor shall detail the OHS competencies and training received by its contract management personnel.

The Principal Contractor's Health and Safety Plan shall have a detailed register of the skills and competencies for all personnel for the activities that the personnel will undertake under the contract. (eg. Mobile plant operators, crane operators etc.)

The Principal Contractor shall demonstrate and maintain documentary evidence of competencies on site for the duration of the contract.

**OHS3.1.1. Induction Training**

The Principal Contractor / Sub-Contractor shall develop and detail a Site Induction Training Programme as part of the Occupational Health and Safety Plan to be submitted to the Client / Client's Agent prior to commencement of construction that includes as a minimum:

- a) Training related to hazards likely to be encountered on Site and control measures that have been developed in response to these hazards;
- b) Roles and Responsibilities;
- c) The requirements of the Health and Safety Plan submitted and approved
- d) Address the identified issues in the Fire Safety, Emergency, Evacuation and Rescue Plan to ensure that all Site personnel are aware of procedures in the event of an incident or emergency occurring;

The Principal Contractor / Sub-Contractor shall evaluate all persons undertaking the site Induction Training through a written test to ensure that inductees have an understanding of the OHS (Occupational Health and Safety) requirements for the contract. The written tests shall be signed and dated by the person undertaking the induction training to attest to their understanding and be retained by the Principal Contractor / Sub-Contractor as a record that the training has been completed.

**OHS3.1.2. Induction training for specified work**

The Principal Contractor / Sub-Contractor shall conduct Site Specific Occupational Health and Safety Induction Training for all personnel, the Client / Client's Agent and all visitors not escorted on Site by inducted persons.

The Principal Contractor / Sub-Contractor shall evaluate all persons undertaking the Site Induction Training through a written test to ensure that inductees have an understanding of the OHS (Occupational Health and Safety) requirements for the contract.

The written tests shall be signed and dated by the person undertaking the induction training to attest to their understanding and be retained by the Principal Contractor / Sub-Contractor as a record that the training has been completed.

#### OHS3.2. Recording & reporting of injuries

Make arrangements for all contractors to report accidents, ill health and dangerous occurrences notifiable to the Department of Labour under Section 24 of the OHS Act (Occupational Health and Safety Act, Act 85 of 1993) (Reporting to DOL (Department of Labour) Inspector regarding certain incidents).

All lost time incidents associated with the contract works or reportable as defined by Section 24 of the OHS Act shall be immediately reported to the Client / Client's Agent.

The Principal Contractor / Sub-Contractor shall provide a detailed report of all accidents / incidents, including events that could have become lost time incidents were it not for fortuitous circumstances to the Client / Client's Agent within 5 days of the incident occurring. The Principal Contractor / Sub-Contractor shall provide copies of all reports and information associated with the incidents to the Client / Client's Agent. Copies of reports must be placed on the Health and Safety File.

Where the Principal Contractor / Sub-Contractor has been:

- Served with a prohibition, contravention or improvement notice under the OHS Act; or
- Required to comply with any order issued by an inspector for the Department of Labour;

The Principal Contractor / Sub-Contractor shall immediately supply a copy of that notice, order or notification to the Client / Client's Agent.

Where the Principal Contractor / Sub-Contractor have been served with a summons or is convicted of any offence in relation to occupational health and safety, the Principal Contractor / Sub Contractor shall immediately supply a copy of that summons to the Client / Client's Agent.

The Principal Contractor / Sub-Contractor shall detail the reporting and investigation procedures for incident investigation. The procedures shall include the investigating officer responsible and the time limits imposed for reporting and investigating the incident and to implement corrective action in a timely manner so as to prevent a recurrence.

The client / Client's Agent may participate in or undertake an investigation into the incident, injury or illness at its discretion and the Principal Contractor / Sub-Contractor shall cooperate with and provide assistance to the investigation organised and undertaken by the Client / Client's Agent.

#### OHS3.3. First Aid

Establish and implement a first-aid programme to provide emergency treatment to victims of accidents, chemical substances or excessive exposure to toxic substances.

The programme shall include:

- proper first aid facilities administered by qualified personnel,
- first-aid boxes,
- first-aid room, where there are 500 or more workers on site,
- training and re-training of first-aiders,
- first-aid treatment procedures,
- standard procedures,
- special procedures, e.g. for poisoning,
- maintenance of first-aid facilities

All first-aid provisions shall comply with the OHS Act (Act 85 of 1993)

#### OHS3.4. Fire protection and prevention

- Appropriate measures must be taken to avoid the risk of fire.
- Sufficient and suitable storage must be provided for flammable liquids, solids and gases.
- Smoking must be prohibited and notices in this regard must be prominently displayed in all places containing readily combustible or flammable materials;
- Combustible materials must not accumulate on the construction site.
- Welding, flame cutting and other hot work may only be done after the appropriate precautions have been taken to reduce the risk of fire.
- Suitable and sufficient fire-extinguishing equipment must be placed at strategic locations and such equipment must be maintained in good working order
- A sufficient number of workers must be trained in the use of fire-extinguishing equipment.

#### OHS3.5. Site Emergency Procedures

The Principal Contractor / Sub-Contractor shall establish an Emergency Evacuation and Rescue plan.

The plan shall include the following detail:

- The role and responsibility of every individual in the work area on fire safety emergency evacuation and rescue;
- General work area precautions, fire prevention, detection, protection and warning alarm systems;
- Fire fighting and rescue equipment including types of fire extinguishers;
- Fire safety measures for Site accommodation;
- Escape and communication;
- Fire brigade access, facilities and coordination;
- Fire drills and training including the use of fire fighting equipment;
- Material storage including flammable liquids, gasses and waste;

The Principal Contractor / Sub-Contractor shall ensure that all procedures, precautionary measures and safety standards stipulated in the Plan are communicated, implemented and complied with by all workers including other interfacing contractors on Site.

The Principal Contractor / Sub-Contractor shall practise their emergency preparedness within six (6) weeks of the commencement of work and at least four (4) monthly intervals thereafter

The Principal Contractor / Sub-Contractor shall review and ensure the adequacy of the Plan as the work progress.

The Principal Contractor / Sub-Contractor shall conduct monthly checks on fire fighting equipment and test alarms and detection devices installed on Site and document findings in a register which shall be on site at all times for inspection.

The Principal Contractor / Sub-Contractor shall conduct weekly inspections of escape routes, fire brigade access, fire fighting facilities and working areas to ensure that the requirements stipulated in the Fire Safety, Emergency, Evacuation and Rescue Plan are complied with. All inspection records shall be documented in registers and kept in the Health and Safety file for inspection at any time.

#### OHS3.6. Housekeeping

Suitable housekeeping must continuously be implemented on the construction site, including:

- proper storage of materials and equipment
- removal of scrap, waste and debris at appropriate intervals;

Loose materials shall not be placed or allowed to accumulate on the site so as to obstruct access and egress from workplaces and passageways.

#### OHS3.7. Stacking & Storage

- Adequate storage areas are must be provided.
- Storage areas must be kept neat and under control.

#### OHS3.8. Illumination

Provide adequate artificial lighting when work is carried out after dark or inside buildings.

## OHS3.9. Sanitation / Hygiene

Provision of site hygiene facilities:

- One sanitary facility for every 30 workers.
- Adequate washing facilities.
- One shower facility for every 15 workers;

Drying sheds, huts, rooms or other accommodation for sheltering during bad weather, storing clothes and taking meals. Facilities should include tables and chairs, suitable means for boiling water and a supply of wholesome drinking water.

The contractor shall provide reasonable and suitable living accommodation for the workers at construction sites which are remote from their homes and where adequate transportation between the site and their homes, or other suitable living accommodation, is not available.

## OHS3.10. Personal Protective Equipment

The Principal Contractor / Sub-Contractor shall provide and maintain suitable PPE (Personal Protective Equipment) for all employees employed on the Site.

The Principal Contractor / Sub-Contractor shall ensure that such PPE comply with the requirements of the OHS Act (Occupational Health and Safety Act, Act 85 of 1993).

The Principal Contractor / Sub-Contractor shall also ensure that all equipment is properly used by his / her employees during the course of their work.

The Principal Contractor / Sub-Contractor shall record all issues of all equipment to his / her employees in documented registers and such registers shall be kept in the Health and Safety File on site and made available for inspection at all times.

The Principal Contractor / Sub-Contractor shall provide the Client / Client's Agent with a colour code by which employees will be identified with regard to occupations, responsibilities, accountabilities, reporting relationships and access to different locations on site. (e.g. hard hats, overalls)

PPE shall be provided, used, and maintained in a sanitary and reliable condition wherever it is necessary by reason of hazards

All personal protective equipment shall be of safe design and construction for the work to be performed.

## OHS3.11. Permit to work requirements

Institute a "hot work" permit system in respect of:

- metalwork flame cutting,
- site welding,

## OHS3.12. Lock-out

Institute a "Lock-out" procedure in respect of controlling energy to prevent unexpected operation or activation of machinery or equipment. This procedure must include a written policy, specific procedures, rules and supervisory follow-up, covering the positive locking of switches and valves to ensure that alterations, maintenance, set-up and or other work can be performed safely.

## OHS3.13. Monthly Health and Safety Audits

The Principal Contractor shall carry out monthly Health and Safety Audits on the measures contained within his / her Health and Safety Plan submitted to the Client / Client's Agent as well as Health and Safety Plans submitted by Sub-Contractors appointed by the Principal Contractor to demonstrate that the required level of health and safety are being achieved and maintained and compile a full report to the Client / Client's Agent on such audit.

The Client / Client's Agent will audit the Principal Contractor as well as his / her Sub-contractor's Health and Safety Plans from time to time and will advise the Principal Contractor of any matter with which he / she is not satisfied, and the Principal Contractor shall take such steps as are necessary to satisfy the Client / Client's Agent.

The Client / Client's Agent will carry out such audits as he / she considers necessary but not less than monthly.

The Principal Contractor shall make available, specialist personnel as the Client / Client's Agent may consider necessary for the performance of such audits.

The Principal Contractor shall develop and maintain an Audit Schedule that details the audits planned to be undertaken by the Principal Contractor of the work under the contract, including sub-contractors, for the duration of the contract. The Audit Schedule shall form part of the Health and Safety Plan that needs to be submitted by the Principal Contractor.

Audit reports shall detail the scope of the audit, the audit questions and the audit findings.

The Client / Client's Agent shall be promptly provided with copies of all audit reports together with other documentation to show that all matters raised have been appropriately addressed.

Unless otherwise directed by the Client / Client's Agent the Principal Contractor / Sub-Contractor shall undertake its initial OHS Audit within 4 weeks of commencement of work. The Principal Contractor / Sub-Contractor shall undertake subsequent OHS Audits at a frequency not less than once every 3 months.

All Principal Contractor's OHS Audits shall include an assessment of Sub-Contractor compliance with the approved OHS Plan.

#### OHS3.14. Management Review

The Principal Contractor shall undertake an independent review of the Health and Safety Plan for the contract in accordance with the requirements of the OHS Act, relevant Regulations, and particularly the Construction Regulations 2003.

A review shall be undertaken 3 months after commencement of the contract and every 6 months thereafter for the duration of the contract.

Following the completion of the review, the Principal Contractor shall submit a written report that details the suitability, adequacy and effectiveness of the OHS Plan and to certify that the Site procedures, practices and operations are in accordance with the contract.

#### OHS3.15. Provision of Information

- Provide Sub-Contractors appointed by him / her with the relevant sections of the Health and Safety specifications pertaining to the construction work which has to be performed.
- Where changes are brought to the design and construction, provide sufficient information and appropriate resources to the Sub-Contractor to execute the work safely.
- Discuss and negotiate with Sub-Contractors the contents of the Health and Safety Plan / Plans submitted by them and finally approve such plans for implementation.
- Ensure that copies of Health and Safety plans compiled by the Principal Contractor and his / her Sub-Contractors are available on request to an employee, DOL Inspector, contractor, Client / Client's Agent.
- The Principal Contractor / Sub-Contractor shall detail procedures that will ensure that personnel are suitably consulted and communicated with during the planning and application of work activities associated with the contract.
- The Principal Contractor / Sub-Contractor shall detail the procedures for the identification, assessment and control of hazards associated with the day-to-day work activities. These procedures shall include requirements for consultation with personnel involved in the work activity.
- The Principal Contractor / Sub-Contractor shall have procedures for ensuring that OHS information is communicated to and from its personnel. The Principal Contractor / Sub-Contractor shall hold OHS meetings with all personnel or their representatives at the site on a weekly basis.
- Minutes shall be recorded for all OHS meetings and posted on OHS notice boards within 48 hours of the meeting.

- The Principal Contractor / Sub-Contractor shall maintain at the Site an OHS Notice Board located in a prominent position and accessible to all personnel, for the distribution of OHS information.
- The Principal Contractor / Sub-Contractor shall as a minimum, establish and implement procedures for reporting relevant and timely information regarding OHS Performance and incidents.
- The Principal Contractor / Sub-Contractor shall establish, implement and maintain a controlled copy of all Contract OHS documentation on Site.
- Where the Principal Contractor / Sub-Contractor's Health and Safety Plan references other documentation including the contract, the Principal Contractor / Sub-Contractor shall ensure that section and clause numbers are clearly denoted in its Health and Safety Plan. All documentation referenced in the Health and Safety Plan shall be available on Site for the duration of the contract.
- Ensure that Health and Safety Files kept by Sub-Contractors appointed by the Principal Contractor is kept on site and made available to an inspector, Client / Client's Agent.
- Hand over a consolidated health and safety file to the Client / Client's Agent upon completion of construction work, including all drawings, designs, materials used and other similar information concerning the completed structure.
- In addition to the Health and Safety File compile a comprehensive and updated list of all contractors on site accountable to the Principal Contractor as well as the agreements between the parties and the type of work done by them.

OHS3.16. Stop the execution of Construction Work

Stop any construction / construction related work conducted by any person on the construction site, which is not in accordance with the Principal Contractor's health and safety plan and or the health and safety plans of Sub-Contractors which possess a threat to the health and or safety of persons.

OHS3.17. Handing over of Project Health and Safety file

- Hand over a consolidated health and safety file to the Client / Client's Agent upon completion of construction work, including all drawings, designs, materials used and other similar information concerning the completed structure.
- In addition to the Health and Safety File compile and hand over a comprehensive and updated list of all contractors on site accountable to the Principal Contractor as well as the agreements between the parties and the type of work done by them.

OHS3.18. Records and Records Management

- The control of records shall be in accordance with the Principal Contractor's / Sub-Contractor's approved Health and Safety Plan for the contract.
- Records shall be registered, ordered and retained on Site in the Health and Safety File for the duration of the contract.

**OHS4 SAFETY HAZARDS****OHS4.1. Tools****OHS4.1.1. Hand tools**

- Employers shall not issue or permit the use of unsafe hand tools.
- Wrenches, including adjustable, pipe, end, and socket wrenches shall not be used when jaws are sprung to the point that slippage occurs.
- Impact tools, such as drift pins, wedges, and chisels, shall be kept free of mushroomed heads.
- The wooden handles of tools shall be kept free of splinters or cracks and shall be kept tight in the tool.

**OHS4.1.2. Portable electrical Tools**

No person shall use a portable electric tool with an operating voltage which exceeds 50 to earth unless –

- it is connected to a source of electrical energy incorporating an earth leakage protection device which meets the requirements of section 36 of the OHS Act or,
- it is connected to a source of high frequency electrical energy derived from a generator which is used solely for supplying energy to such portable electric tool and which arrangement is approved by the chief inspector; or
- it is clearly marked that it is constructed with double or reinforced insulation.

Portable electric tools, together with its flexible cord and plug shall be maintained in a serviceable condition.

## OHS5

### ELECTRICAL INSTALLATIONS

- Before construction commences and during the progress thereof, adequate steps must be taken to ascertain the 'presence of and guard against danger to workers from any electrical cable or apparatus.
- All parts of electrical installations and machinery must be of adequate strength to withstand the working conditions on construction sites;
- In working areas where the exact location of underground electric power lines is unknown, employees using jackhammers, shovels or other hand tools which may make contact with a power line, must be provided with insulated protective gloves or otherwise that the handle of the tool being used is insulated;
- All temporary electrical installations must be inspected at least once a week and electrical machinery on a daily basis before use on a construction site by competent persons and the records of these inspections must be recorded in a register to be kept on site.
- The control of all temporary electrical installations on the construction site must be designated to a competent person who has been appointed in writing.

## OHS6

### PHYSICAL HAZARDS

#### OHS6.1. Ergonomics

- Ensure that assigned tasks do not exceed the limits of the performance capacities of the worker.
- Prevent injury or any detrimental effects to the health of the worker
- Provide that tasks and working conditions will not lead to impairments.

#### OHS6.2. Noise

No contractor shall require or permit an employee to work in an environment in which he is exposed to an equivalent noise level equal to 85 dB(A) or higher. The contractor shall reduce the equivalent noise level to below 85 dB(A) or, where this is not reasonably practicable, he shall reduce the level to as low as is reasonably practicable and take all reasonable steps to isolate the source of the noise acoustically. Where the equivalent noise level in any workplace cannot be reduced to below 85 dB(A) the contractor shall –

- prohibit any person from entering a noise zone unless such person wears hearing protectors.

The contractor shall provide, free of charge, hearing protectors to each employee who works in or, to any person who is required or permitted to enter a noise zone, and no contractor shall require or permit any person to work in or enter such noise zone, and no person shall work in or enter such noise zone, unless he wears such hearing protectors in the correct manner: Provided that where the equivalent noise level to which employees are exposed, is such that the attenuation of the hearing protectors does not reduce the said noise to below 85 dB(A) the employer concerned shall limit the time during which employees work in that noise zone in such a way that they are not exposed to an equivalent noise level equal to 85 dB(A) or higher.

The contractor shall properly instruct any person who is required to wear hearing protectors in the use of such protectors and inform him of noise zones where the wearing thereof is compulsory.

The contractor shall –

- ensure that every employee employed in a noise zone is subjected to audiometric examinations conducted in accordance with section 7 of SANS 083, by an audiometric approved by the chief inspector;
- keep records of the results of each audiometric examination and make such records available for inspection by an inspector if he so requires; and
- keep such records for a minimum period of 30 years after termination of employment: Provided that if the employer ceases activities all such records shall be forwarded to the regional director.

#### OHS6.3. Vibration

Whole-body vibration occurs when the body is supported on a surface which is vibrating (e.g., when sitting on a seat which vibrates, standing on a vibrating floor or recumbent on a vibrating surface). Whole-body vibration occurs in all forms of transport and when working near some industrial machinery.



Hand-transmitted vibration is the vibration that enters the body through the hands. It is caused by various processes where vibrating tools or work pieces are grasped or pushed by the hands or fingers. Exposure to hand-transmitted vibration can lead to the development of several disorders.

## **OHS7 SITE WIDE ELEMENTS**

### **OHS7.1. Site Access and Egress**

- Access to the site will involve crossing the public footpath.
- Store materials and plant away from means of access for the general public and occupants.
- Remove rubbish and demolition materials regularly. Do not allow to accumulate on flat roofs.
- Maintain free access through designated means of escape at all times
- Agree with the Client / Client's Agent delivery points for materials before commencing works.

### **OHS7.2. Visitors to the site**

- All visitors to report to the Principal Contractor's reception area for OHS Induction training.
- All visitors to sign the visitor's registration document.
- All visitors to be provided with a Visitors Permit to enable them to access the construction site.
- All un-inducted visitors must be accompanied on the construction site by an inducted person.
- No visitors shall be allowed to access the construction site without wearing the necessary PPE.

### **OHS7.3. Deliveries**

Access will involve crossing the public footpath.

### **OHS7.4. Emergencies**

Ensure that there are adequate escape routes and that they are kept clear at all times.

### **OHS7.5. Location of Temporary Site Accommodation**

See Site Lay-out Plan.

### **OHS7.6. Location of Materials unloading and storage**

Materials are to be unloaded and stored in locations which will not in any way affect access or egress to the site nor the works.

### **OHS7.7. Traffic and Pedestrian Routes**

The road, public footpaths and access way are to be kept open at all times. All necessary signage and barriers are to be put in place to protect pedestrians at the site entrance and access and egress points.

### **OHS7.8. Environment**

See Environmental Management Plan

### **OHS7.9. Safety**

- Ensure that all employees are aware of the Health and Safety policy and put into place arrangements to ensure that all visitors and workers new to the site are aware of the site safety provisions.
- Locate underground electricity cables, mark and take precautions to avoid.
- Ensure that cartridge operated tools are operated by trained personnel and in accordance with the maker's instructions that the gun is cleaned regularly and kept in a secure place when not in use.
- Protect people who may be exposed to health risks arising from hazardous substances.

### **OHS7.10. Unforeseen Eventualities**

The following action is to be taken in the event of unforeseen eventualities arising during the construction stage of the project which require significant design changes, or affect the resources required to carry out the work without risk to health and/or safety, or have other health or safety implications.

The Client / Client's Agent and, where possible, the Principal Contractor are to be advised as soon as possible.

Full details of the relevant health and safety issues involved are to be reviewed with the Client / Client's Agent and Principal Contractor as soon as possible.

Full details of any revised designs, risk assessments and identified hazards and/or hazardous materials and substances are to be issued to the Client / Client's Agent and Principal Contractor in sufficient time to allow for the revision of the Health and Safety Plan and notification of all persons affected by the health and/or safety implications of the changes prior to the commencement of the affected works.

OHS7.11. Site Liaison

Liaise with all other contractors and implement any agreed changes to the Health and Safety Plan arising from such liaison. Set up regular training for all operatives including induction training for all staff upon arrival to site.

OHS7.12. Health and Safety File

Provide the Planning Supervisor with any relevant information which the contractor believes should be incorporated into the Health and Safety File.

OHS7.13. Design Development

Provide the Client / Client's Agent with all design information prepared by sub-Contractors.

Arrange liaison meetings with sub-contractors to discuss and review health and safety issues arising from the sub-contractors' designs.

**OHS8**



**CONCLUSION**

The hazards listed above were identified as posing potential threats to the health and or safety of persons that will work on the contract. Although every effort was made to ensure that every possible hazard was identified OHSEC cannot guarantee this. Therefore it is imperative for the contractor to conduct a comprehensive risk identification and hazard assessment in order to make certain that all hazards are identified.

Error! Reference source not found.

### Annex C3.4.2 Generic Labour-Intensive Specification

**TABLE 1: SKILLS PROGRAMME FOR SUPERVISORY AND MANAGEMENT STAFF**

Personnel	NQF level	Unit standard titles	Skills programme description
Team leader/ Supervisor	2	Apply Labour-Intensive Construction Systems and Techniques to Work Activities	This unit standard must be completed, <b>and</b>
		Use Labour-Intensive Construction Methods to Construct and Maintain Roads and Stormwater Drainage	 unit          any one of these 3 standards
		Use Labour-Intensive Construction Methods to Construct and Maintain Water and Sanitation Services	
		Use Labour-Intensive Construction Methods to Construct, Repair and Maintain Structures.	
Foreman/ Supervisor	4	Implement Labour-Intensive Construction Systems and Techniques.	This unit standard must be completed, <b>and</b>
		Use Labour-Intensive Construction Methods to Construct and Maintain Roads and Stormwater Drainage	 unit          any one of these 3 standards
		Use Labour-Intensive Construction Methods to Construct and Maintain Water and Sanitation Services	
		Use Labour-Intensive Construction Methods to Construct, Repair and Maintain Structures	
Site Agent/ Manager (i.e the contractor's most senior representative that is resident on the site)	5	Manage Labour –Intensive Construction Processes	Skills Programme against this single unit standard

## DOCUMENT CONTROL SHEET

(FORM IP180/B)

PROJECT NAME : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS IN MIDVAAL LOCAL MUNICIPALITY ON AS AND WHEN BASIS FROM DATE OF AWARD FOR 36 MONTHS

PROJECT No. : 8/2/2/445

TITLE OF DOCUMENT : CONSTRUCTION, REFURBISHMENT AND MAINTENANCE OF BUILDINGS IN MIDVAAL LOCAL MUNICIPALITY ON AS AND WHEN BASIS FROM DATE OF AWARD FOR 36 MONTHS

ELECTRONIC LOCATION:

	Approved By	Reviewed By	Prepared By
<b>ORIGINAL</b>	NAME	NAME	NAME
DATE	SIGNATURE	SIGNATURE	SIGNATURE

	Approved By	Reviewed By	Prepared By
<b>REVISION</b>	NAME	NAME	NAME
DATE	SIGNATURE	SIGNATURE	SIGNATURE

	Approved By	Reviewed By	Prepared By
<b>REVISION</b>	NAME	NAME	NAME
DATE	SIGNATURE	SIGNATURE	SIGNATURE