

Item No	Quantity	Rate	Amount
<b><u>SECTION 1</u></b>			
<b><u>BILL No.1</u></b>			
<b><u>PRELIMINARIES</u></b>			
<p>1. The Principal Building Agreement shall be the JBCC Series Edition 4.1, March 2005 as recommended by the Joint Building Contract Committee and as amended by this Tender Enquiry.</p> <p>2. The Preliminaries shall be JBCC Series 2000, May 2005 for use with the Principal Building Agreement as recommended by the Joint Building Contracts Committee and as amended by this Tender Enquiry shall be deemed to be incorporated herein.</p> <p>3. Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof. These clauses are hereinafter referred to by clause number and heading only.</p> <p>4. Where standard clauses or alternatives are not entirely applicable to this contract, such modifications, corrections or additions as are necessary, are given as far as possible under each relevant clause heading. Additional Preliminary clauses are contained in Section C hereof.</p> <p>5. No claim whatsoever shall be entertained in respect of errors or omissions in pricing due to brevity of descriptions of items which are fully described when read in conjunction with the relevant clauses of the said Principal Building Agreement, Preliminaries and Preambles.</p> <p>6. The Tenderers shall allow opposite each of the clauses whatever costs and charges he may consider necessary for the carrying out, complying with and due observance of the provisions, conditions and requirements set out herein. Only priced items will be considered in respect of any adjustment of this Section. Any items left unpriced will be understood to be provided free of charge and no claim for any extras arising out of the Tenderer's omission to price any item will be entertained.</p>			
<b>Carried to Collection</b>			R
Section 1 Bill No. 1 Preliminaries			

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

7. Where modifications or amendments as described are made, such modifications and/or amendments shall supercede any conflicting provisions in the relevant clauses of the Standard Preliminaries or the Principal Building Agreement and the Tenderer shall make due allowance for whatever costs and charges he may consider necessary for the carrying out and observance of the provisions of the clauses as modified and/or amended.

8. Where any item is not relevant to this specific contract, such item is marked N/A.

9. If Alternative A as set out in clause B10.3 hereinafter is to be used for the adjustment of the preliminaries, each item priced is to be allocated to one or more of the three categories by insertion of "F", "V", "T" as the case may be against the price in the "rate" column immediately preceding the "amount" column, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value, and "T" denotes an amount proportionate to time.

**Carried to Collection**

R

Section 1  
Bill No. 1  
Preliminaries

**SECTION A: PRINCIPAL BUILDING AGREEMENT**

**DEFINITIONS**

Definitions and interpretation (Clause 1).

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

Item

**OBJECTIVE AND PREPARATION**

Offer, acceptance and performance (Clause 2).

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

Item

Documents (Clause 3).

Clause 3.1 is deleted and substituted with: 'This tender is for a Government Contract. No Payment Guarantee will be provided.'

Clause 3.3 is deleted and substituted with:

The principal agent shall complete the schedule and arrange for formal signing of the agreement once the priced bill of quantities/lump sum document, security, insurances and waiver of lien, where acceptable, have been provided and effected'.

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

Item

Design responsibility (Clause 4).

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

Item

Employer's agents (Clause 5).

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

Item

Site representative (Clause 6).

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

Item

Compliance with regulations (Clause 7).

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

Item

**Carried to Collection**

R

Section 1  
Bill No. 1  
Preliminaries

	Works risk (Clause 8)			
8	F: ..... V: ..... T: .....	Item		
	Indemnities (Clause 9).			
	Clause 9.1.1 is deleted and substituted with:			
	Claims from other parties consequent upon death of bodily injury or illness of any person or physical loss or damage to any property, other than the works, arising out or due to the execution of the works or occupation of the site by the contractor or his sub contractors'.			
9	F: ..... V: ..... T: .....	Item		
	Works insurances (Clause 10).			
10	F: ..... V: ..... T: .....	Item		
	Liability insurances (Clause 11).			
11	F: ..... V: ..... T: .....	Item		
	Effecting insurances (Clause 12).			
12	F: ..... V: ..... T: .....	Item		
	State Provisions (Clause 13).			
13	F: ..... V: ..... T: .....	Item		
	Security (Clause 14).			
14	F: ..... V: ..... T: .....	Item		
	<b><u>EXECUTION</u></b>			
	Preparation for and execution of the works (Clause 15).			
15	F: ..... V: ..... T: .....	Item		
	Access to the works (Clause 16).			
16	F: ..... V: ..... T: .....	Item		
	Contract instructions (Clause 17).			
	Section 1 Bill No. 1 Preliminaries			R

Carried to Collection

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

17	<p>F: ..... V: ..... T: .....</p> <p>Setting out of the works (Clause 18.3).</p> <p>The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc., exist in order that the necessary arrangements may be made for the rectification of any such encroachments. Should incorrect information be given to the contractor in terms of 18.1 and 18.2, which causes the incorrect setting out of the works, the contractor shall not be liable for such incorrect setting out.</p>	Item	
18	<p>F: ..... V: ..... T: .....</p> <p>Assignment (Clause 19).</p>	Item	
19	<p>F: ..... V: ..... T: .....</p> <p>Nominated subcontractors (Clause 20).</p>	Item	
20	<p>F: ..... V: ..... T: .....</p> <p>Selected subcontractors (Clause 21).</p>	Item	
21	<p>F: ..... V: ..... T: .....</p> <p>Employer's Direct contractors (Clause 22).</p>	Item	
22	<p>F: ..... V: ..... T: .....</p> <p>Contractor's Domestic subcontractors (Clause 23).</p>	Item	
23	<p>F: ..... V: ..... T: .....</p> <p><b><u>COMPLETION</u></b></p> <p>Practical completion (Clause 24).</p>	Item	
24	<p>F: ..... V: ..... T: .....</p> <p>Works completion (Clause 25).</p>	Item	
25	<p>F: ..... V: ..... T: .....</p> <p>Final completion (Clause 26).</p>	Item	
<b>Carried to Collection</b>			R
<p>Section 1 Bill No. 1 Preliminaries</p>			

Latent defects liability period (Clause 27).

Clause 27.0 is amended by the addition of the following clauses:

"27.3 Any water leakage into the building, whether in the roof, external wall or other element of the building susceptible to water leakage shall, unless proven to be a design defect, or as a result of obvious storm damage, be classified as a latent defect in terms of clause 1.0 Definitions and Interpretations".

"27.4 The Contractor shall attend to defects during the Defects Liability Period on a progressive basis, to the satisfaction of the Principal Agent and will not be permitted to wait until the end of the Defect Liability Period or until the amount of defects accumulates in order to attend to a comprehensive list of defects"

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

Item

Sectional completion (Clause 28).

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

Item

Revision of date for practical completion (Clause 29).

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

Item

Penalty for non-completion (Clause 30).

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

Item

**PAYMENT**

Interim payment to the contractor (Clause 31).

The inclusion of materials and goods stored off site in the amount authorised for payment in terms of clause 31.3 shall be at the sole discretion of the principal agent and such inclusion shall only be considered upon the provision, by the contractor, of an approved guarantee issued by a registered commercial bank.

**Carried to Collection**

R

Section 1  
Bill No. 1  
Preliminaries

Where prices are submitted by the contractor or nominated/selected sub contractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the contract and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the final certificate, it will be in writing.

Adjustment to the contract value (Clause 32).

30 F: ..... V: ..... T: ..... Item

Recovery of expense and loss (Clause 33).

31 F: ..... V: ..... T: ..... Item

Final account and final payment (Clause 34).

32 F: ..... V: ..... T: ..... Item

Payment to other parties (Clause 35).

33 F: ..... V: ..... T: ..... Item

**CANCELLATION**

Cancellation by Employer - Contractor's default (Clause 36).

34 F: ..... V: ..... T: ..... Item

Cancellation by Employer - Loss and damage (Clause 37).

35 F: ..... V: ..... T: ..... Item

Cancellation by Contractor - Employer's default (Clause 38).

36 F: ..... V: ..... T: ..... Item

Cancellation - Cessation of the works (Clause 39).

37 F: ..... V: ..... T: ..... Item

**Carried to Collection**

R

Section 1  
Bill No. 1  
Preliminaries

**DISPUTE**

Dispute Settlement (Clause 40)

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

Item

**SUBSTITUTE PROVISIONS**

State Clauses (Clause 41)

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

Item

**CONTRACT VARIABLES**

The Schedule: Pre-Tender information (Clause 42).

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

Item

**CONTRACTING AND OTHER PARTIES (Clause 42.1)**

Employer: The Mvula Trust

Postal Address: 67 Devereux Avenue, Vincent, East London

Telephone: 043 726 2255

Facsimile: 043 726 5967

Physical address: 67 Devereux Avenue, Vincent, East London

Principal Agent: The Mvula Trust

Postal Address: 67 Devereux Avenue, Vincent, East London

Telephone: 043 726 2255

Facsimile: 043 726 5967

Physical address: 67 Devereux Avenue, Vincent, East London

**Carried to Collection**

R

Section 1  
Bill No. 1  
Preliminaries



**CONTRACT DETAILS (Clause 42.2)**

Clause 42.2.1

Works Description: Construction of new ablution facilities.

Clause 42.2.2

Site Description: The site is the existing school.

Clause 42.2.3

Work or Installations by Others: NIL

Clause 42.2.4

This Agreement is for a State Contract :- Yes

Payment will be made for materials and goods:- Yes

Dispute resolution :- Mediation (in terms of clause 40) followed by litigation.

Arbitration rules as recommended by the Association of Arbitrators (SA) :- N/A

Clause 42.2.5

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

To be advised.

Clause 42.2.6

Period for the commencement of the works after the contractor takes possession of the site :- 5 Working days.

Completion in Sections are required : NO

Clause 42.2.7

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

To be advised.

**Carried to Collection**

Section 1  
Bill No. 1  
Preliminaries

R

Penalty amount will be R 2000.00 per Calendar day to a maximum of 10% of Contract Value.

Clause 42.2.8

Intended dates of practical completion and the penalties per calendar day for the works in sections :

N/A

Clause 42.2.9

The law applicable to this agreement shall be that of - Republic of South Africa.

**INSURANCES (Clause 42.3)**

Clause 42.3.1

Contract works insurance to be effected by Contractor for the sum of: Contract Sum plus 10%

With a deductible of : 5% of insured amount

Clause 42.3.2

Supplementary insurance is required : Yes

SASRIA insurance required to be effected by the Contractor for the amount of: Contract Sum plus 20% (with a deductible to be determined by the Insurance company issuing the policy).

Clause 42.3.3

Public liability insurance to be effected by Contractor

For the amount of: R 5million

With a deductible of: 5% of insured amount

**DOCUMENTS (Clause 42.4)**

Clause 42.4.1

Waiver of the contractor's lien is required :- YES

Clause 42.4.2

**Carried to Collection**

R

Section 1  
Bill No. 1  
Preliminaries

Number of construction document copies to be supplied to the Contractor free of charge :- 1

Clause 42.4.3

Bills of Quantities drawn up in accordance with :-

Standard System of Measuring Building Work - Seventh Edition including all amendments

Clause 42.4.4

Number of days for submission of priced documents : 5 working days from the Letter of Appointment.

Clause 42.4.5

JBCC Engineering General Conditions are to be included in the documents :- No

Clause 42.4.6

The contract value is to be adjusted using CPAP:- NO

**SECTION B: PRELIMINARIES**

**DEFINITIONS AND INTERPRETATION (B1)**

Definitions and Interpretation (B1)

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

Item

**DOCUMENTS (B2)**

Checking of documents (B2.1)

Notwithstanding the issue of the tender drawings, it will remain the responsibility of the Tenderer to study all available drawings at the offices of the Principal Agent during normal working hours in order to acquaint himself with all the cost implications of the design, programming, phasing, etc.

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

Item

Provisional Bills of Quantities (B2.2) YES

**Carried to Collection**

R

Section 1  
Bill No. 1  
Preliminaries

Prime Cost Amounts, Budgetary Allowances, Provisional Amounts, etc., contained herein may be omitted or reduced at the Principal Agent's sole discretion and the Contractor shall not be entitled to claim for any loss by way of reduction or omission of any discount, or percentage relating to Prime Cost Amounts, Budgetary Allowances, Provisional Amounts, Provisional Quantities, etc., or loss of profit related thereto.

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

Item

Availability of construction documentation (B2.3)

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

Item

Interests of Agents (B2.4)

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

Item

Priced documents (B2.5)

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

Item

Tender submission (B2.6)

Notwithstanding anything contained in this clause, Tenders shall be valid for a period of 20 (Twenty) weeks from the closing date of tenders.

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

Item

**THE SITE (B3)**

Defined works area (B3.1)

The area of the works to be occupied by the contractor, any restriction on the area and the limit of access or exit will be pointed out to the contractor by the principal agent on handing over of the site.

Workmen employed on the site are to be restricted to the immediate area of the site and access thereto.

The Tenderer shall make all necessary provision in all rates to take into account these requirements as no claims for extras arising from these matters will be subsequently entertained or admitted.

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

Item

**Carried to Collection**

R

Section 1  
Bill No. 1  
Preliminaries

	Geotechnical investigation (B3.2)			
	A desktop geotechnical report is available upon request.			
49	F: ..... V: ..... T: .....	Item		
	Inspection of the Site (B3.3)			
50	F: ..... V: ..... T: .....	Item		
	Existing premises occupied (B3.4)			
51	F: ..... V: ..... T: .....	Item		
	Previous work - dimensional accuracy (B3.5)			
52	F: ..... V: ..... T: .....	Item		
	Previous work - defects (B3.6)			
53	F: ..... V: ..... T: .....	Item		
	Services - known (B3.7)			
54	F: ..... V: ..... T: .....	Item		
	Services - unknown (B3.8)			
55	F: ..... V: ..... T: .....	Item		
	Protection of trees (B3.9)			
56	F: ..... V: ..... T: .....	Item		
	Articles of value (B3.10)			
57	F: ..... V: ..... T: .....	Item		
	Inspection of adjoining properties (B3.11)			
58	F: ..... V: ..... T: .....	Item		
	<b><u>MANAGEMENT OF CONTRACT (B4)</u></b>			
	Management of the Works (B4.1)			
59	F: ..... V: ..... T: .....	Item		
	<b>Carried to Collection</b>			
	Section 1			
	Bill No. 1			
	Preliminaries			
			R	

	Programme for the Works (B4.2)			
60	F: ..... V: ..... T: .....	Item		
	Progress meetings (B4.3)			
61	F: ..... V: ..... T: .....	Item		
	Technical meetings (B4.4)			
62	F: ..... V: ..... T: .....	Item		
	<b><u>SAMPLES AND SHOP DRAWINGS (B5)</u></b>			
	Samples of materials (B5.1)			
63	F: ..... V: ..... T: .....	Item		
	Workmanship samples (B5.2)			
64	F: ..... V: ..... T: .....	Item		
	Shop drawings (B5.3)			
65	F: ..... V: ..... T: .....	Item		
	<b><u>TEMPORARY WORKS AND PLANT (B6)</u></b>			
	Deposits and fees (B6.1)			
66	F: ..... V: ..... T: .....	Item		
	Enclosure of the works (B6.2)			
	The contractor shall erect, maintain and remove at completion, hoardings, safety screens, barriers, access gates, covered gangways and the like as necessary for the enclosure of the works and elements thereof all for the protection of the public and others.			
67	F: ..... V: ..... T: .....	Item		
	Advertising (B6.3)			
68	F: ..... V: ..... T: .....	Item		
	<b>Carried to Collection</b>			
	Section 1			
	Bill No. 1			
	Preliminaries			
			R	

	Plant and equipment (B6.4)			
69	F: ..... V: ..... T: .....	Item		
	Main notice board (B6.5)			
	One notice board shall be provided by the Contractor			
70	F: ..... V: ..... T: .....	Item		
	Subcontractors notice board (B6.6) (N/A)			
71	F: ..... V: ..... T: .....	Item		
	<b><u>TEMPORARY SERVICES (B7)</u></b>			
	Location (B7.1)			
72	F: ..... V: ..... T: .....	Item		
	Water (B7.2)			
	The contractor shall provide water for the works in accordance with:			
	Alternative A (i.e. to be provided for by the Contractor).			
73	F: ..... V: ..... T: .....	Item		
	Electricity (B7.3)			
	The contractor shall provide electricity for the works in accordance with:			
	Alternative A (i.e. to be provided for by the Contractor).			
74	F: ..... V: ..... T: .....	Item		
	Telecommunication equipment (B7.4)			
	The contractor shall provide telephones on site for the works in accordance with:			
	Alternative A (i.e. to be provided for by the Contractor).			
75	F: ..... V: ..... T: .....	Item		
	<b>Carried to Collection</b>			
Section 1 Bill No. 1 Preliminaries			R	

	<p>Ablution facilities (B7.5)</p> <p>The contractor shall provide toilet facilities on site for the works in accordance with:</p> <p>Alternative A (i.e. to be provided for by the Contractor).</p>			
76	<p>F: ..... V: ..... T: .....</p> <p><b><u>PRIME COST AMOUNTS (B8)</u></b></p> <p>Responsibility for prime cost amounts (B8.1)</p>	Item		
77	<p>F: ..... V: ..... T: .....</p> <p><b><u>ATTENDANCE ON N/S SUBCONTRACTORS (B9)</u></b></p> <p>General Attendance (B9.1)</p>	Item		
78	<p>F: ..... V: ..... T: .....</p> <p>Special Attendance (B9.2)</p>	Item		
79	<p>F: ..... V: ..... T: .....</p> <p>Commissioning - fuel, water and power (B9.3)</p>	Item		
80	<p>F: ..... V: ..... T: .....</p> <p><b><u>FINANCIAL ASPECTS (B10)</u></b></p> <p>Statutory taxes, duties and levies (B10.1)</p> <p>Provision is made in the Final Summary of these Bills of Quantities for the inclusion of Value Added Tax (VAT).</p>	Item		
81	<p>F: ..... V: ..... T: .....</p> <p>Payment of Preliminaries (B10.2)</p>	Item		
82	<p>F: ..... V: ..... T: .....</p> <p>Adjustment of Preliminaries (B10.3)</p>	Item		
83	<p>F: ..... V: ..... T: .....</p> <p>Payment certificate cash flow (B10.4)</p>	Item		
	<b>Carried to Collection</b>		R	
	<p>Section 1 Bill No. 1 Preliminaries</p>			



**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

84	F: ..... V: ..... T: ..... Contractor information supply (B10.5)	Item	
85	F: ..... V: ..... T: ..... <b><u>GENERAL (B11)</u></b> Protection of the Works (B11.1)	Item	
86	F: ..... V: ..... T: ..... Protection/isolation of existing/sectionally occupied works (B11.2)	Item	
87	F: ..... V: ..... T: ..... Site security (B11.3)	Item	
88	F: ..... V: ..... T: ..... Notice before covering work (B11.4)	Item	
89	F: ..... V: ..... T: ..... Disturbance (B11.5)	Item	
90	F: ..... V: ..... T: ..... Works cleaning and clearing (B11.6)	Item	
91	F: ..... V: ..... T: ..... Vermin (B11.7)	Item	
92	F: ..... V: ..... T: ..... Overhand work (B11.8)	Item	
93	F: ..... V: ..... T: .....	Item	
<b>Carried to Collection</b>			R
Section 1 Bill No. 1 Preliminaries			

**SECTION C: SPECIFIC PRELIMINARIES**

**Section C: Specific Preliminaries:**

C1. Proprietary branded products

The contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturer's instructions after consultation with the manufacturer's authorised representative.

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

Item

C2. Trade Names, etc.

All materials, fittings, finishings, etc., specified hereinafter under a trade name, catalogue number or reference, must be exactly as described. The Architect's approval in writing must be obtained for the use of any alternative to the specification before the submission of tenders otherwise the specified materials, fittings, finishings, etc., will be assumed to have been allowed for in the tender.

The Contractor must take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturer's instructions after consultation with the manufacturer's authorised representative.

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

Item

C3. Contractors responsibility

The Employer, the Principal Agent and the other professional consultants shall not be responsible for any act or omission on the part of the Contractor which may result in any patent or latent defects, in materials or workmanship, breach or neglect of any local regulations. The Contractor shall at all times be responsible for any such neglect, deviation or wrong act, whether the same is discovered before or after the final certificate, or any other Certificate, has been approved.

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

Item

C4. Overtime

**Carried to Collection**

R

Section 1  
 Bill No. 1  
 Preliminaries

97	<p>Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer.</p> <p>F: ..... V: ..... T: .....</p> <p>C5. As built drawings</p> <p>The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the principal agent and the structural engineer for their records.</p> <p>Three full sets of as-built drawings shall be submitted to the Principal Agent no later than fourteen days after practical completion.</p>	Item		
98	<p>F: ..... V: ..... T: .....</p> <p>C6. Construction Instructions</p> <p>Contract instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the Contractor. The Contractor shall supply and have available at the site of the works at all times, the following site books:</p> <p>a) Construction Instruction Book:</p> <p>Receiving and recording instructions in a suitable A4 size triplicate book kept on site. Instructions issued shall be recorded by the Architect or other Employer's Agents to whom the Architect has delegated authority to in the book.</p> <p>Only instructions issued in such book shall be recognised.</p> <p>b) Daily Record Book:</p>	Item		
	<b>Carried to Collection</b>		R	
<p>Section 1 Bill No. 1 Preliminaries</p>				

The Contractor shall record in triplicate in a suitable A4 size triplicate book kept at the site, a daily record of work done, all site visits by the Principal Agent and other professional personnel and all events affecting the Works, such as progress, issue of plans, breakdown of machinery, etc. The labour, plant and material on site shall be recorded as well as work performed. Entries must be made by the Contractor and must be signed and forwarded to the Principal Agent for his counter-signature on a daily basis. Copies of these records shall be for the Architect, Quantity Surveyor and Contractor.

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

Item

**C7. Labour record**

At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all subcontractors on the works each day.

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

Item

**C8. Plant record**

At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.

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

Item

**C9. Encroachment**

During the course of the building operations, the Contractor shall be held entirely responsible for any encroachment onto any adjoining properties, buildings, etc., or servitudes and the cost of any remedial measures as required by the Principal Agent shall be borne by the Contractor.

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

Item

**C10. Method Statement**

**Carried to Collection**

R

Section 1  
Bill No. 1  
Preliminaries

103	<p>The Tenderer shall produce, when required to do so by the Principal Agent, a Method Statement outlining the methods of construction and labour and plant resources that he proposes to use in the execution of the Works. Any approval given or observation made by the Principal Agent shall not relieve the Contractor of his sole responsibility to adopt the methods of construction and to provide the labour and plant resources necessary for the due and proper timeous execution of the Works.</p> <p>F: ..... V: ..... T: .....</p> <p><b>C11. Unauthorised Persons/Workmen on Premises</b></p> <p>The Contractor shall at all times strictly exclude all unauthorised persons from the Works and the site and shall set up notice boards to that effect.</p> <p>No workmen or labourers (except security guards) are to be allowed under any circumstances to sleep or deposit any kit on the premises. The Contractor must provide any necessary independent shelter or shed required for any labour or watchmen on site, to the approval of the Employer.</p>	Item	
104	<p>F: ..... V: ..... T: .....</p> <p><b>C12. Mode of Procedure</b></p> <p>Notwithstanding anything to the contrary contained herein the Principal Agent at all times reserves the right to direct the order in which the various parts of the Contract are to be executed. The Contractor shall give priority to any individual section or portion of the Works that, in the opinion of the Principal Agent, requires to be expedited.</p> <p>Should it appear, in the Principal Agent's opinion, that work in any area is not being executed in accordance with the requirements of the Contract Programme, the Contractor shall provide additional manpower and resources and shall work additional overtime and do everything else required to bring the work back to programme to the satisfaction of the Principal Agent and to the Contractor's cost.</p>	Item	
105	<p>F: ..... V: ..... T: .....</p>	Item	
<b>Carried to Collection</b>			R
<p>Section 1 Bill No. 1 Preliminaries</p>			

106	<p>C13. Location of Temporary Buildings and Temporary Services</p> <p>The Contractor shall provide all necessary temporary works, including temporary roads, tracks, crossings, hardstanding and services, hoardings, dust screens, tunnelling, etc., required for his own and sub-contractors use during the construction and maintenance period.</p> <p>There is no guarantee given or implied that Site conditions will be such that the Contractor will be able to erect such temporary works, roads, hardhats, offices, stores and temporary accommodation within the site boundaries and it shall be the Contractor's responsibility to adopt whatever measures he deems necessary in this regard and to obtain all necessary permission and pay all costs in connection therewith.</p> <p>F: ..... V: ..... T: .....</p>	Item	
	<p><b><u>C14. Office accommodation</u></b></p> <p>The contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18]</p> <p>F: ..... V: ..... T: .....</p>	Item	
	<p><b><u>C15. Storage Facilities</u></b></p> <p>The Contractor shall provide a Container for storage of materials.</p> <p>F: ..... V: ..... T: .....</p>	Item	
	<p>C16. Removal and Making Good of Temporary Works, etc, on Completion</p> <p>The Contractor shall remove (except where specifically stated otherwise) all temporary works, roads, services and the like used for this contract and shall make good to the entire satisfaction of the Principal Agent any damage resulting therefrom.</p> <p>F: ..... V: ..... T: .....</p>	Item	
	<b>Carried to Collection</b>		R
	<p>Section 1 Bill No. 1 Preliminaries</p>		



**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 1

Bill No. 1

Preliminaries

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

**Amount**

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

**Carried Forward**

R

Section 1

Bill No. 1

Preliminaries



**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 1

Bill No. 1

Preliminaries

**COLLECTION**

**Brought Forward**

**Page  
No**

**Amount**

R

Total Brought Forward from Page No.

22

23

**Carried Forward to Summary of Section No. 1**

R

Section 1

Bill No. 1

Preliminaries

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 1</u></b></p> <p><b><u>BILL No. 2</u></b></p> <p><b><u>HEALTH AND SAFETY</u></b></p> <p><b><u>MODEL PREAMBLES</u></b></p> <p>The tenderer is referred to the "General Preambles for Trades 2017" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p>Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles.</p> <p>The contractor's prices for all items throughout these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications.</p> <p>Prior to pricing the principal contractor must familiarize him/herself with the Occupational Health and Safety Act No. 85 Of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health &amp; Safety specifications.</p> <p>The items in this Bill do not contain quantities hence the Contractor must insert his own quantities based on his individual requirements to comply with the Health and Safety obligations and demands of the Occupational Health and Safety Act No. 85 of 1993, Construction Regulations 2014, other relevant Regulations and Standards as well as project specific Health &amp; Safety Specifications.</p> <p>The costs included herein must incorporate Community Liaison Officer (CLO).</p>			
	<b>Carried to Collection</b>			R
	Section 1 Bill No. 2 Health and Safety			

**OCCUPATIONAL HEALTH AND SAFETY**

**General:**

- |   |  |      |
|---|--|------|
| 1 | Preparation of Contractor's site specific Health and Safety Plan.  | Item |
| 2 | Submission of the Health and Safety File.  | Item |
| 3 | Principal Contractor's initial obligations in respect of the OHS Act and Construction Regulations.   | Item |
| 4 | Principal Contractor's time related obligations in respect of the OHS Act and Construction Regulations for the entire construction period. | Item |
| 5 | Provision of full time Health and Safety Officer for the entire construction period.   | Item |
| 6 | Induction training of personnel.   | No   |
| 7 | Provision of first aid boxes.  | No   |

**Provision for Personal Protective Equipment and Protective Clothing:**

- |    |                       |    |
|----|-----------------------|----|
| 8  | Reflective vests.     | No |
| 9  | Hard hats.            | No |
| 10 | Protective foot wear. | No |
| 11 | Ear Plugs.            | No |
| 12 | Dust Masks.           | No |

**Costs of Medical Certificates and Medical Surveillance:**

- |    |  |    |
|----|--|----|
| 13 | Initial (baseline) medical examinations. | No |
| 14 | Exit Examinations.                       | No |

**Noise Monitoring:**

- |    |                               |    |
|----|-------------------------------|----|
| 15 | Establishment of noise zones. | No |
| 16 | Audiograms.                   | No |

**Carried to Collection**

R

Section 1  
Bill No. 2  
Health and Safety

**C16. Covid-19 Compliance Measures**

17 The Contractor is required to price for Covid 19 compliance and the pricing thereof shall be deemed to include all the mandatory requirements.

Item

**Carried to Collection**

R

Section 1  
 Bill No. 2  
 Health and Safety

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 1

Bill No. 2

Health and Safety

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

**Amount**

26

27

28

**Carried Forward to Summary of Section No. 1**

R

Section 1

Bill No. 2

Health and Safety

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 1

**SECTION SUMMARY - PRELIMINARIES**

**Bill  
No**

**Page  
No**

**Amount**

Preliminaries

25

Health and Safety

29

**Carried to Final Summary**

R

Section 1

Item No	Quantity	Rate	Amount
<p><b><u>SECTION 2</u></b></p>			
<p><b><u>BILL No. 1</u></b></p>			
<p><b><u>ALTERATIONS (PROVISIONAL)</u></b></p>			
<p><b><u>Quantity Split:</u></b></p>			
<p>Note that the total quantity per each item is split into the various buildings and appears below each description as follows:</p>			
<p>A0 - DWG 04 - Staff Ablutions                      A1 - DWG 06 - Grade R Ablutions                      A6 - DWG 14 - Male Ablutions                      AD - Existing Toilets</p>			
<p><u>Note:</u></p>			
<p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p>			
<p><b>Carried to Collection</b></p>			
<p>Section 2                      Bill No. 1                      Alterations (Provisional)</p>			
			R

**TEMPORARY BARRIERS, SCREENS, ETC**

**Temporary barriers, screens, etc including removal**

1	SANS approved weld mesh type temporary barrier fencing 1,8m high covered with a net fixed to and including 100mm diameter gum poles set securely min 300mm deep in ground at max 3m spacing including excavation, backfilling, etc	m	300	
	A0 : 0      A1 : 0      A6 : 0      AD : 0			
	G : 300			
2	Extra over mesh fence for double leaf gate size 5.5 x 1,8m high.	No	1	
	A0 : 0      A1 : 0      A6 : 0      AD : 0			
	G : 1			

**DESLUDGING EXISTING TOILETS**

3	Clean out pit latrine by desludging including removal of all debris and waste including solid waste as per Health and Safety requirements and make good on completion including disposing of all debris and waste at an authorised municipal waste disposal facility. Contractor to price per seat	No	12	
4	Issue of Certificate of Waste Disposal.		Item	

**DEMOLISHING AND REMOVING**

5	Demolish pit latrine structure comprising of brick work with asbestos roof sheeting, approximate size 8 x 5m wide with 3,5m high top structure and 2,0m deep pit including 9m x 3m high facebrick screenwall. Demolition is to only commence once the latrine has been completely emptied (elsewhere measured).	No	1	
	A0 : 0      A1 : 0      A6 : 0      AD : 0			
	G : 1			
6	Demolish pit latrine structure comprising of brick work with asbestos roof sheeting, approximate size 7 x 5m wide with 3,5m high top structure and 2,0m deep pit including 9m x 3m high facebrick screenwall. Demolition is to only commence once the latrine has been completely emptied (elsewhere measured).	No	1	
	A0 : 0      A1 : 0      A6 : 0      AD : 0			
	G : 1			
7	Cart away rubble from demolitions and dispose off site.		Item	

**Carried to Collection**

R

Section 2  
Bill No. 1  
Alterations (Provisional)



**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

8	Backfill existing hole with G7 fill material in max. 150mm layers and compact to 95% MOD AASHTO density. A0 : 0      A1 : 0      A6 : 0      AD : 0 G : 104	m3	104		
9	Allow for compaction tests by an approved laboratory to determine density of filling material. A0 : 0      A1 : 0      A6 : 0      AD : 0 G : 20	No	20		
10	Provision of a certificate of safe disposal for asbestos.		Item		
<b><u>REMOVAL OF EXISTING WORK</u></b>					
<b><u>MAKING GOOD OF FINISHES ETC</u></b>					
<b><u>Making good internal and external cement plaster</u></b>					
11	25 x 0.9mm galvanised chicken mesh wall plaster in patches. A0 : 0      A1 : 0      A6 : 0      AD : 247 G : 0	m2	247		
<b><u>Repairs to structural cracks, etc</u></b>					
12	Rake out existing minor structural crack in blockwork, remove all debris/loose material including four times shot fixing 32 x 1,6mm thick strap x 500mm long at 500mm centres and plaster over. A0 : 0      A1 : 0      A6 : 0      AD : 33 G : 0	m	33		
<b><u>Timber doors and frames</u></b>					
13	Take out from one brick wall and cart away single timber door and frame size 900mm wide x 2100mm high including preparing reveals to receive new frame (elsewhere). A0 : 0      A1 : 0      A6 : 0      AD : 12 G : 0	No	12		

**Carried to Collection**

R

Section 2  
Bill No. 1  
Alterations (Provisional)

**PLUMBING AND DRAINAGE**

Externally

14	Take down and cart away aluminium gutter including accessories.	m	20	
	A0 : 0      A1 : 0      A6 : 0      AD : 20			
	G : 0			

15	Take down and cart away Fascia and Barge boards including accessories.	m	42	
	A0 : 0      A1 : 0      A6 : 0      AD : 42			
	G : 0			

Piping, fittings, etc.

16	Take off from walls, ceilings, etc. and cart away copper/polycrop water supply piping, fittings, valves, etc. of various diameters including temporary stopping of supply where necessary.	m	33	
	A0 : 0      A1 : 0      A6 : 0      AD : 33			
	G : 0			

17	Take off from walls, ceilings, etc. and cart away PVC waste water piping and fittings of various diameters.	m	20	
	A0 : 0      A1 : 0      A6 : 0      AD : 20			
	G : 0			

Sanitaryware

18	Demolish and cart away white glazed WC pan and cistern complete including stopping off water supply.	No	12	
	A0 : 0      A1 : 0      A6 : 0      AD : 12			
	G : 0			

19	Demolish and cart away stainless steel sink or washtrough including stopping off water supply.	No	6	
	A0 : 0      A1 : 0      A6 : 0      AD : 6			
	G : 0			

20	Demolish and cart away stainless steel stall urinal 5000mm long including mass concrete step, 175mm high, including stopping off water supply.	No	1	
	A0 : 0      A1 : 0      A6 : 0      AD : 1			
	G : 0			

**Carried to Collection**

R

Section 2  
Bill No. 1  
Alterations (Provisional)

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

<u>Sundries</u>					
21	Take down and cart away toilet roll holders. A0 : 0      A1 : 0      A6 : 0      AD : 12 G : 0	No	12		
<b><u>PLASTERING</u></b>					
<u>Walls</u>					
22	Hack off plaster from brick wall and cart away including preparing to receive new plaster (elsewhere). A0 : 0      A1 : 0      A6 : 0      AD : 148 G : 0	m2	148		
<b><u>CEILINGS</u></b>					
<u>Nailed up ceilings</u>					
23	Gypsum plasterboard ceilings including cornices, timber bandering, etc A0 : 0      A1 : 0      A6 : 0      AD : 65 G : 0	m2	65		
<b><u>GLAZING</u></b>					
24	Take out 4mm thick glass from galvanised steel window including preparing frame to receive new glass (elsewhere). A0 : 0      A1 : 0      A6 : 0      AD : 3 G : 0	m2	3		
<b><u>REFURBISHMENT, PREPARATORY WORKS, ETC.</u></b>					
<u>Sundry brickwork refurbishment</u>					
25	Replace broken brick in existing face brick wall with matching brick bedded, jointed and pointed in cement mortar to match existing. A0 : 0      A1 : 0      A6 : 0      AD : 200 G : 0	No	200		
<u>General repair work</u>					
26	Hack plaster from brickwork for a width of 100mm either side of crack, nail galvanised stretch plate over crack with steel nails at 200mm centres to receive plaster (elsewhere). A0 : 0      A1 : 0      A6 : 0      AD : 25 G : 0	m	25		
<b>Carried to Collection</b>					R
Section 2 Bill No. 1 Alterations (Provisional)					

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

METAL WORK

Servicing of windows, doors, etc.

27	Service window, size approximately 600 x 600mm high with top hung opening out light including ensuring smooth opening and closing and replacement of missing stays, catches, etc. as necessary to match existing.	No	8	
	A0 : 0      A1 : 0      A6 : 0      AD : 8			
	G : 0			

28	Service and adjust existing external single security gate and frame, including oiling and easing hinges, preparing to receive new lock, touching up and making good.	No	4	
	A0 : 0      A1 : 0      A6 : 0      AD : 4			
	G : 0			

Refurbishment by cleaning

Roof covering, walls, concrete columns, tiling, etc.

29	High pressure clean external face brick facade to remove dirt, lichen, moss, etc. complete including recess pointing and jointing in cement mortar, where necessary, to match existing.	m2	99	
	A0 : 0      A1 : 0      A6 : 0      AD : 99			
	G : 0			

30	High pressure cleaning corrugated metal roof sheeting, etc. including sealing leaks with approved waterproof agent.	m2	112	
	A0 : 0      A1 : 0      A6 : 0      AD : 112			
	G : 0			

**Carried to Collection**

R

Section 2  
Bill No. 1  
Alterations (Provisional)

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2

Bill No. 1

Alterations (Provisional)

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

**Amount**

31

32

33

34

35

36

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

R

Section 2

Bill No. 1

Alterations (Provisional)

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 2</u></b></p> <p><b><u>EARTHWORKS (PROVISIONAL)</u></b></p> <p><b><u>Quantity Split:</u></b></p> <p>Note that the total quantity per each item is split into the various buildings and appears below each description as follows:</p> <p>A0 - DWG 04 - Staff Ablutions            A1 - DWG 06 - Grade R Ablutions            A6 - DWG 14 - Male Ablutions            AD - Existing Toilets</p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p>			
	<b>Carried to Collection</b>			R
	<p>Section 2            Bill No. 2            Earthworks (Provisional)</p>			

**EXCAVATION OTHER THAN BULK**

**Excavation in earth not exceeding 2m deep:**

1	Trenches.	m3	39
	A0 : 15      A1 : 13      A6 : 12      AD : 0		
	G : 0		

2	Reducing levels and depositing excavated material in prescribed stock piles on site.	m3	31
	A0 : 12      A1 : 10      A6 : 9      AD : 0		
	G : 0		

**Extra over trench and hole excavations in earth for excavation in:**

3	Soft rock.	m3	4
	A0 : 1      A1 : 1      A6 : 1      AD : 0		
	G : 0		

4	Hard rock.	m3	2
	A0 : 1      A1 : 1      A6 : 1      AD : 0		
	G : 0		

**Extra over all excavations for carting away:**

5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	42
	A0 : 16      A1 : 13      A6 : 12      AD : 0		
	G : 0		

**Risk of collapse of excavations:**

6	Sides of trench and hole excavations not exceeding 1,5m deep.	m2	113
	A0 : 42      A1 : 36      A6 : 35      AD : 0		
	G : 0		

**Keeping excavations free of water:**

7	Keeping excavations free from mud and all water including subterranean sources.	Item	
---	---	------	--

**Carried to Collection**

R

Section 2  
Bill No. 2  
Earthworks (Provisional)

**EARTH FILLING, ETC.**

**Earth filling obtained from the excavations and / or prescribed stock piles on site (minimum G7 tested material) compacted to 93% Mod. AASHTO density:**

8	Backfilling to trenches, holes, etc. A0 : 15    A1 : 13    A6 : 12    AD : 0 G : 0	m3	40
---	--	----	----

**Imported G7 filling, selected and supplied by the Contractor, including depositing in layers not exceeding 150mm thick and compacting to 98% modified AASHTO dry density to holes, trenches etc.**

9	Under floors, etc. A0 : 17    A1 : 14    A6 : 13    AD : 0 G : 0	m3	43
---	--	----	----

**Coarse river sand filling supplied by the contractor:**

10	Under floors etc. A0 : 2    A1 : 1    A6 : 2    AD : 0 G : 0	m3	4
----	--	----	---

**Compaction of surfaces:**

11	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density. A0 : 31    A1 : 24    A6 : 22    AD : 0 G : 0	m2	77
----	--	----	----

**Prescribed density tests on filling:**

12	Allow for compaction tests by an approved laboratory to determine density of filling material. A0 : 8    A1 : 8    A6 : 8    AD : 11 G : 0	No	35
----	--	----	----

**Carried to Collection**

R

Section 2  
Bill No. 2  
Earthworks (Provisional)



**SOIL POISONING**

**Approved brand of anti-termite soil poison applied  
by a Registered Pest Control company and  
guaranteed against termite infestation for ten years:**

13	Under floors, etc., including forming and poisoning shallow furrows against foundation walls, etc., filling in furrows and ramming.	m2	77
	A0 : 31      A1 : 24      A6 : 22      AD : 0 G : 0		
14	To bottoms and sides of trenches, holes, etc.	m2	169
	A0 : 62      A1 : 55      A6 : 52      AD : 0 G : 0		

**Carried to Collection**

R

Section 2  
Bill No. 2  
Earthworks (Provisional)

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2

Bill No. 2

Earthworks (Provisional)

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

**Amount**

38

39

40

41

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

R

Section 2

Bill No. 2

Earthworks (Provisional)



**UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES**

**15Mpa/19mm Concrete**

1	Surface blinding under footings and bases. A0 : 3      A1 : 2      A6 : 2      AD : 0 G : 0	m3	7
---	---	----	---

**REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES**

**30MPa/20mm concrete:**

2	Strip footing to walls. A0 : 4      A1 : 4      A6 : 3      AD : 0 G : 0	m3	11
---	--	----	----

3	Surface beds on waterproofing. A0 : 3      A1 : 2      A6 : 2      AD : 0 G : 0	m3	8
---	---	----	---

**TEST BLOCKS**

**Test blocks:**

4	Making and testing of 150x150x150mm concrete strength test cubes (Provisional). A0 : 6      A1 : 6      A6 : 6      AD : 6 G : 0	No	24
---	--	----	----

**FINISHING TOP SURFACE OF CONCRETE**

**Finishing top surfaces of concrete smooth with a wood float:**

5	Surface beds, suspended slabs, ground slabs, etc. A0 : 31      A1 : 24      A6 : 22      AD : 0 G : 0	m2	77
---	---	----	----

**ROUGH FORMWORK (DEGREE OF ACCURACY III)**

**Rough Formwork to Sides:**

6	Edges, risers, ends and reveals not exceeding 300mm high or wide. A0 : 25      A1 : 21      A6 : 20      AD : 0 G : 0	m	66
---	---	---	----

Carried to Collection

Section 2  
Bill No. 3  
Concrete, Formwork and Reinforcement

R

**SMOOTH FORMWORK (DEGREE OF ACCURACY I)**

**Smooth Formwork to Sides:**

7	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m2	33
	A0 : 12      A1 : 11      A6 : 10      AD : 0		
	G : 0		

**MOVEMENT JOINTS ETC**

**Two layers of 375 micron damp proof course in slip joints between horizontal concrete and brick surfaces including cement mortar bed (Provisional)**

8	Not exceeding 300mm wide.	m	97
	A0 : 39      A1 : 31      A6 : 27      AD : 0		
	G : 0		

**Saw cut joints:**

9	6 x 40mm Saw cut joints in top of concrete (Provisional).	m	61
	A0 : 20      A1 : 20      A6 : 20      AD : 0		
	G : 0		

**REINFORCEMENT (PROVISIONAL)**

10	High tensile steel reinforcement bars to structural concrete work.	t	3.81
	A0 : 0.68      A1 : 0.58      A6 : 0.55      AD : 2.00		
	G : 0.00		

**Fabric reinforcement:**

11	REF. 617 fabric reinforcement in concrete surface beds, raft slabs etc.	m2	77
	A0 : 31      A1 : 24      A6 : 22      AD : 0		
	G : 0		

**Carried to Collection**

R

Section 2  
Bill No. 3  
Concrete, Formwork and Reinforcement

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2  
Bill No. 3  
Concrete, Formwork and Reinforcement

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

**Amount**

43

44

45

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

R

Section 2  
Bill No. 3  
Concrete, Formwork and Reinforcement

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 4</u></b></p> <p><b><u>MASONRY</u></b></p> <p><b><u>Quantity Split:</u></b></p> <p>Note that the total quantity per each item is split into the various buildings and appears below each description as follows:</p> <p>A0 - DWG 04 - Staff Ablutions            A1 - DWG 06 - Grade R Ablutions            A6 - DWG 14 - Male Ablutions            AD - Existing Toilets</p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p>			
	<b>Carried to Collection</b>			R
	<p>Section 2            Bill No. 4            Masonry</p>			

**BRICKWORK IN FOUNDATIONS  
(PROVISIONAL)**

**Brickwork consisting of solid bricks with 10.5 MPa minimum nominal compressive strength in Class I mortar with Coprox masonry waterproofing or equal approved waterproof cement additive. Add 2.5kg Coprox waterproof cement additive for every 50kg of cement used in mortar mix (Cement to be 42.5N all-purpose cement):**

1	One brick walls.	m2	56
	A0 : 21      A1 : 18      A6 : 17      AD : 0		
	G : 0		

**BRICKWORK AND BLOCKWORK SUNDRIES**

**Galvanized brickwork reinforcement**

2	115mm Wide reinforcement built in horizontally	m	106
	A0 : 35      A1 : 53      A6 : 18      AD : 0		
	G : 0		

3	230mm Wide reinforcement built in horizontally.	m	881
	A0 : 358      A1 : 262      A6 : 262      AD : 0		
	G : 0		

4	Ditto, but in foundations (Provisional).	m	188
	A0 : 69      A1 : 61      A6 : 58      AD : 0		
	G : 0		

**Cramps, ties, etc:**

5	30 x 2mm Galvanized roof tie 1500mm long with one end fixed to timber and other built into brickwork or concrete.	No	78
	A0 : 26      A1 : 26      A6 : 26      AD : 0		
	G : 0		

**Air bricks etc:**

6	229 x 152mm terracotta clay vermin proof air brick	No	36
	A0 : 12      A1 : 12      A6 : 12      AD : 0		
	G : 0		

**Carried to Collection**

R

Section 2  
Bill No. 4  
Masonry



**Bagging and sealing the outer face of the inner skin of walls with 1:3 cement and sand mixture and seal with two coats "Brixal" bitumen emulsion waterproofing coating:**

7	To walls (Provisional).	m2	209
	A0 : 77      A1 : 67      A6 : 65      AD : 0		
	G : 0		

**Samples**

8	Prepare and construct for approval L-Shaped one brickwall faced and pointed both sides as per given specification, size: 1000x1000x1000mm high. same area (1000x1000mm) to be paved as per given specifications.		Item
---	--	--	------

**Turning pieces to lintels etc**

9	230mm Wide turning pieces	m	31
	A0 : 13      A1 : 10      A6 : 8      AD : 0		
	G : 0		

**FACE BRICK**

**"Rustgold FBS/Qunu Travertine" clay face brick or equal approved, size 222 x 106 x 73mm, bedded and jointed in Class II mortar and pointed with recessed vertical and recessed horizontal joints, suitable for exposure zones 1-2 (Cement to be 42.5N all-purpose cement):**

10	Extra over brickwork for face brickwork externally.	m2	34
	A0 : 13      A1 : 11      A6 : 10      AD : 0		
	G : 0		

11	Half brick wall in beam filling pointed one side including cutting and fitting around roof timbers and bedding roofing solid on top in cement mortar.	m2	16
	A0 : 6      A1 : 5      A6 : 5      AD : 0		
	G : 0		

12	One brickwall pointed on both sides.	m2	270
	A0 : 110      A1 : 80      A6 : 80      AD : 0		
	G : 0		

13	Half brickwall pointed on both sides.	m2	32
	A0 : 11      A1 : 16      A6 : 5      AD : 0		
	G : 0		

Carried to Collection

R

Section 2  
Bill No. 4  
Masonry

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

14	<p>Fair raking cutting.</p> <p style="padding-left: 40px;">A0 : 9      A1 : 9      A6 : 9      AD : 0</p> <p style="padding-left: 40px;">G : 0</p> <p><b><u>Face brick copings, lintels, sills, etc, of "Rustgold FBS/Qunu Travertine" or equal approved face bricks pointed with recessed joints on all exposed faces:</u></b></p>	m	27
15	<p>220mm Brick on edge sill bedded sloping and jointed in cement mortar and pointed on top, edge and projecting soffit including cutting and fitting between reveals and splay cutting brickwork under.</p> <p style="padding-left: 40px;">A0 : 7      A1 : 5      A6 : 4      AD : 0</p> <p style="padding-left: 40px;">G : 0</p>	m	16
16	<p>220mm Wide header course to top of one brick wall bedded and jointed in cement mortar and pointed on both sides.</p> <p style="padding-left: 40px;">A0 : 8      A1 : 5      A6 : 5      AD : 0</p> <p style="padding-left: 40px;">G : 0</p>	m	18

**Carried to Collection**

Section 2  
Bill No. 4  
Masonry

R

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2

Bill No. 4

Masonry

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

**Amount**

47

48

49

50

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

R

Section 2  
Bill No. 4  
Masonry

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 5</u></b></p> <p><b><u>WATERPROOFING</u></b></p> <p><b><u>Quantity Split:</u></b></p> <p>Note that the total quantity per each item is split into the various buildings and appears below each description as follows:</p> <p>A0 - DWG 04 - Staff Ablutions            A1 - DWG 06 - Grade R Ablutions            A6 - DWG 14 - Male Ablutions            AD - Existing Toilets</p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p>			
	<b>Carried to Collection</b>			R
	Section 2 Bill No. 5 Waterproofing			

**DAMPPROOFING OF WALLS AND FLOORS**

**One layer of 250 micron 'USB GREEN' waterproof sheeting sealed at laps with 'Gunplas Pressure Sensitive Tape':**

1	Under surface beds, bases, etc.	m2	77	
	A0 : 31      A1 : 24      A6 : 22      AD : 0			
	G : 0			

**One layer of 350 micron embossed dampcourse waterproof sheeting below walls, sills, etc:**

2	Below walls, sills, etc.	m2	7	
	A0 : 3      A1 : 2      A6 : 2      AD : 0			
	G : 0			

**JOINT SEALANTS ETC**

**Clear Neutral silicone sealant:**

3	In joint sealing and pointing all round external window and door frames.	m	128	
	A0 : 55      A1 : 43      A6 : 31      AD : 0			
	G : 0			

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

4	10 x 12mm In movement joints in floors or walls including raking out expansion joint filler as necessary (Provisional).	m	61	
	A0 : 20      A1 : 20      A6 : 20      AD : 0			
	G : 0			

**Carried to Collection**

Section 2  
Bill No. 5  
Waterproofing

R

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2

Bill No. 5

Waterproofing

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

52

53

**Amount**

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

R

Section 2

Bill No. 5

Waterproofing

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 6</u></b></p> <p><b><u>ROOF COVERINGS</u></b></p> <p><b><u>Quantity Split:</u></b></p> <p>Note that the total quantity per each item is split into the various buildings and appears below each description as follows:</p> <p>A0 - DWG 04 - Staff Ablutions            A1 - DWG 06 - Grade R Ablutions            A6 - DWG 14 - Male Ablutions            AD - Existing Toilets</p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p>			
	<b>Carried to Collection</b>			R
	Section 2 Bill No. 6 Roof Coverings Etc.			

**ROOF COVERINGS**

**PROFILED METAL SHEETING AND ACCESSORIES**

**0.53mm Zinc alum broad flute IBR finish chromadek pre - coated roof sheeting (charcoal) laid at 18 degrees pitch on 75 x 50mm purlins at +/- 1200mm centres max. on Sisalation RSA 420 underlay under purlins on straining tape on timber trusses laid as per manufacturers specification.**

1	Roof sheeting laid to a mono-pitch.	m2	108	
	A0 : 42      A1 : 34      A6 : 31      AD : 0			
	G : 0			

**0.53mm Flashings pre-painted to match roof sheeting and fixed in strict accordance with manufacturer's instructions:**

2	Mono pitched ridge capping with 225mm lapping secured onto the roof.	m	24	
	A0 : 10      A1 : 8      A6 : 7      AD : 0			
	G : 0			

**ROOF AND WALL INSULATION**

**"Sisalation Grade FR430" or equal approved heavy industrial insulation**

3	Insulation laid taut over roof trusses (at approximately 100mm centres) and fixed concurrent with SA Pine purlins at 900mm centres, etc including galvanised steel straining wires	m2	108	
	A0 : 42      A1 : 34      A6 : 31      AD : 0			
	G : 0			

**Carried to Collection**

R

Section 2  
Bill No. 6  
Roof Coverings Etc.



**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2

Bill No. 6

Roof Coverings Etc.

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

55

56

**Amount**

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

Section 2  
Bill No. 6  
Roof Coverings Etc.

R

Item No	Quantity	Rate	Amount
<p><b><u>BILL No. 7</u></b></p>			
<p><b><u>CARPENTRY &amp; JOINERY</u></b></p>			
<p><b><u>Quantity Split:</u></b></p>			
<p>Note that the total quantity per each item is split into the various buildings and appears below each description as follows:</p>			
<p>A0 - DWG 04 - Staff Ablutions                      A1 - DWG 06 - Grade R Ablutions                      A6 - DWG 14 - Male Ablutions                      AD - Existing Toilets</p>			
<p><u>Note:</u></p>			
<p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p>			
<p><b>Carried to Collection</b></p>			
<p>Section 2                      Bill No. 7                      Carpentry and Joinery</p>			
			R

**CARPENTRY**

**Sawn softwood:**

1	38 x 114mm Wall plate.	m	48	
	A0 : 19    A1 : 15    A6 : 14    AD : 0			
	G : 0			
2	50 x 76mm Purlins.	m	194	
	A0 : 76    A1 : 62    A6 : 56    AD : 0			
	G : 0			
3	50 x 76mm Bracing.	m	36	
	A0 : 12    A1 : 12    A6 : 12    AD : 0			
	G : 0			
4	38 x 152mm Rafters.	m	133	
	A0 : 44    A1 : 44    A6 : 44    AD : 0			
	G : 0			

**Sundries:**

5	TRI FIX or equal approved hurricane clip fixed using 10 x 32mm galvanised clout nails (Provisional).	No	185	
	A0 : 45    A1 : 45    A6 : 40    AD : 55			
	G : 0			

**EAVES, VERGES, ETC**

**"Everite Nutec" or equal approved fibre cement**

6	12 x 225mm Fascia board drilled and brass screwed to rafter feet including galvanised steel H-profile jointing strips, etc.	m	48	
	A0 : 19    A1 : 15    A6 : 14    AD : 0			
	G : 0			
7	85 x 275 x 6mm Barge board drilled and brass screwed to purlin ends including galvanised steel H-profile jointing strips, screws, holes, etc.	m	27	
	A0 : 9    A1 : 9    A6 : 9    AD : 0			
	G : 0			

**Carried to Collection**

Section 2  
Bill No. 7  
Carpentry and Joinery

R

**DOORS ETC**

**SANS Approved meranti:**

8	44mm Framed, ledged, and battened single door with flush ply panel internally size 813 x 2032mm high comprising 44 x 110mm top rail and stiles, 44 x 220mm bottom rail, 44 x 150mm lock rail and 22 x 70mm vertical "v" jointed boards (D1). A0 : 2      A1 : 0      A6 : 1      AD : 0 G : 0	No	3
9	44mm Framed, ledged, and battened single door with flush ply panel internally size 950 x 2032mm high comprising 44 x 110mm top rail and stiles, 44 x 220mm bottom rail, 44 x 150mm lock rail and 22 x 70mm vertical "v" jointed boards (D2). A0 : 1      A1 : 2      A6 : 0      AD : 0 G : 0	No	3
10	44mm Framed, ledged, and battened purpose made single door with flush ply panel internally size 813 x 1832mm high comprising 44 x 110mm stiles, 44 x 220mm bottom rail, 44 x 150mm lock rail and 22 x 70mm vertical "v" jointed boards (D4). A0 : 3      A1 : 0      A6 : 2      AD : 0 G : 0	No	5
11	44mm Braced and ledged door size 862 x 1000mm Type (D3). A0 : 0      A1 : 3      A6 : 0      AD : 0 G : 0	No	3

**FRAMED FRAMES, ETC**

**Meranti Frames bolted to wall with expanding masonry bolts - four per style including quadrant beads on both sides:**

12	70 x 108mm rebated meranti frame . A0 : 23      A1 : 13      A6 : 14      AD : 0 G : 0	m	50
----	--	---	----

**Carried to Collection**

R

Section 2  
Bill No. 7  
Carpentry and Joinery

**Meranti Frames fixed against brickwall using galvanised steel lugs bolted with expanding masonry bolts - four per style including quadrant beads on both sides:**

13	70 x 108mm rebated meranti frame .	m	15
	A0 : 5      A1 : 10      A6 : 0      AD : 0		
	G : 0		

**Carried to Collection**

R

Section 2  
 Bill No. 7  
 Carpentry and Joinery

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2

Bill No. 7

Carpentry and Joinery

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

**Amount**

58

59

60

61

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

R

Section 2

Bill No. 7

Carpentry and Joinery

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 8</u></b>			
	<b><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></b>			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<b><u>INTERNAL NAILED UP CEILINGS</u></b>			
	<u>4mm Thick fibre-cement boards with and including 6 x 32mm wrought meranti coverstrips over joints:</u>			
1	Ceilings including 38 x 50mm sawn softwood bandering at 400mm centres with cross bandering at joints, ends of sheets and at light fittings, etc. A0 : 0      A1 : 0      A6 : 0      AD : 65 G : 0	m2	65	
	<b><u>Trap doors</u></b>			
2	Extra over 4mm thick fibre cement board ceiling for forming trap door, size 630 x 630mm in clear, formed with 38 x 50mm sawn S.A. pine framing covered with ceiling boarding and set in 38 x 76mm wrought S.A. pine rebated kerb, including all necessary additional supports, trimmers, etc. A0 : 0      A1 : 0      A6 : 0      AD : 1 G : 0	No	1	
	<b><u>Cornices</u></b>			
	<u>Paper covered gypsum cornice with skimmed joints plugged to walls including mitres, etc.:</u>			
3	75mm Coved cornice. A0 : 0      A1 : 0      A6 : 0      AD : 83 G : 0	m	83	
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section 2			
	Bill No. 8			
	CEILINGS, PARTITIONS AND ACCESS FLOORING			

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 9</u></b></p> <p><b><u>IRONMONGERY</u></b></p> <p><b><u>Quantity Split:</u></b></p> <p>Note that the total quantity per each item is split into the various buildings and appears below each description as follows:</p> <p>A0 - DWG 04 - Staff Ablutions            A1 - DWG 06 - Grade R Ablutions            A6 - DWG 14 - Male Ablutions            AD - Existing Toilets</p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p>			
	<b>Carried to Collection</b>			R
	Section 2 Bill No. 9 Ironmongery			



**HINGES:**

1	75 x 100mm Brass Medium duty ball bearing HMP butt hinges.	Pairs	29.0	
	A0 : 6.0    A1 : 5.0    A6 : 3.0    AD : 15.0			
	G : 0.0			

**LOCKS**

2	"UNION 2277-78SS" or equal approved three lever sash mortice lockset.	No	21	
	A0 : 3    A1 : 2    A6 : 1    AD : 15			
	G : 0			

3	"UNION w/c indicator bolt satin chrome - Code CZ80941SC	No	20	
	A0 : 3    A1 : 3    A6 : 2    AD : 12			
	G : 0			

**HANDLES**

4	"Dorma DPH301B" or equal approved Stainless Steel Straight Tubular Pull handle flange fixing.	No	26	
	A0 : 6    A1 : 5    A6 : 3    AD : 12			
	G : 0			

**Sundries:**

5	Stainless Steel Hat and coat hook, code DHC - SS-030-A or equal approved.	No	20	
	A0 : 3    A1 : 3    A6 : 2    AD : 12			
	G : 0			

6	38mm Diameter black rubber door stop plugged and screwed to wall.	No	26	
	A0 : 6    A1 : 5    A6 : 3    AD : 12			
	G : 0			

**SIGN PLATES:**

**All sign plates are to be with engraved blue perspex all in accordance with the standard sign plates for Schools.**

7	Sign plate plugged and screwed to walls with chromium plated dome headed screws.	No	10	
	A0 : 3    A1 : 2    A6 : 1    AD : 4			
	G : 0			

**Carried to Collection**

Section 2  
Bill No. 9  
Ironmongery

R

**SUNDRIES**

**Halcast or equal approved"**

8	Thiefproof toilet roll holder plugged.	No	22	
	A0 : 4      A1 : 4      A6 : 2      AD : 12			
	G : 0			

**Grade 304 stainless steel ware:**

9	32mm outside diameter x 1,6mm thick tubular wall mounted side stainless steel grab rail 1,06m girth with two 45 degree and two 90 degree formed bends and each end fitted with 80mm diameter x 5mm thick flange welded on and four times countersunk holed for and plugged and screwed to wall with stainless steel crews.	No	5	
	A0 : 1      A1 : 2      A6 : 0      AD : 2			
	G : 0			

10	32mm outside diameter x 1,6mm thick tubular wall mounted around cistern back stainless steel grab rail 1,23m girth with two 90 degree formed bends and each end fitted with 80mm diameter x 5mm thick flange welded on and four times countersunk holed for and plugged and screwed to wall with stainless steel crews.	No	5	
	A0 : 1      A1 : 2      A6 : 0      AD : 2			
	G : 0			

**Satin Grey Plastics or equal approved**

11	"Satin plastic N-SBIN-12-SA SHE Bin size 463 x 140 x 480mm, floor standing loose.	No	28	
	A0 : 6      A1 : 6      A6 : 4      AD : 12			
	G : 0			

**Carried to Collection**

R

Section 2  
Bill No. 9  
Ironmongery

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2

Bill No. 9

Ironmongery

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

**Amount**

64

65

66

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

R

Section 2

Bill No. 9

Ironmongery

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 2</u></b></p> <p><b><u>BILL No. 10</u></b></p> <p><b><u>METALWORK</u></b></p> <p><b><u>Quantity Split:</u></b></p> <p>Note that the total quantity per each item is split into the various buildings and appears below each description as follows:</p> <p>A0 - DWG 04 - Staff Ablutions A1 - DWG 06 - Grade R Ablutions A6 - DWG 14 - Male Ablutions AD - Existing Toilets</p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p> <p><b><u>ALUMINIUM WINDOWS</u></b></p> <p>All aluminium windows are to be manufactured by manufacturers who are members of AAAMSA. All aluminium systems to be approved by AAAMSA.</p> <p>All aluminium work is to be protected by covering with plastic sheeting fixed with low tack adhesive prior to leaving the factory. Plastic sheeting is to remain in place during construction.</p> <p>All glazing shall be in accordance with SABS 0400 - 1990, SABS 1263 - 1. All safety glazing materials (individual panes) shall be permanently marked. Such marking shall be visible after glazing process. If it is not marked, it is not safety glass.</p> <p><b><u>Natural anodised aluminium windows glazed with 6.38mm safety laminated glass and plugged to brickwork:</u></b></p>			
1	<p>Window Size 600 x 600mm high complete, including ironmongery etc, all as per Window Type W01.</p> <p>A0 : 11      A1 : 8      A6 : 7      AD : 0</p> <p>G : 0</p>	No	26	
	<b>Carried to Collection</b>			R
	<p>Section 2 Bill No. 10 Metalwork</p>			

**HOT DIP GALVANIZED STEEL GATES**

Note: The contractor is to check on site measurements before placing of order.

**Security Gate consisting of 25 x 25 x 2mm galvanised mild steel frame with 12mm galvanised mild steel square bars infill placed at 109mm centres, hung with one pair of galvanised mild steel hinges including locks, handles, ironmongery complete and fixed to brickwork:**

2	Security gate size 900 x 2050mm high (G1). A0 : 1      A1 : 1      A6 : 1      AD : 4 G : 0	No	7
3	Security double gate size 1800 x 2050mm high. A0 : 1      A1 : 0      A6 : 0      AD : 0 G : 0	No	1

**Carried to Collection**

R

Section 2  
 Bill No. 10  
 Metalwork

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2

Bill No. 10

Metalwork

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

68

69

**Amount**

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

R

Section 2  
Bill No. 10  
Metalwork

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 11</u></b>			
	<b><u>PLASTERING</u></b>			
	<b><u>Quantity Split:</u></b>			
	Note that the total quantity per each item is split into the various buildings and appears below each description as follows:			
	A0 - DWG 04 - Staff Ablutions			
	A1 - DWG 06 - Grade R Ablutions			
	A6 - DWG 14 - Male Ablutions			
	AD - Existing Toilets			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<b><u>SCREEDS</u></b>			
	<b><u>Untinted granolithic, on concrete:</u></b>			
1	30mm Thick on floors and landings. A0 : 31    A1 : 24    A6 : 22    AD : 0 G : 0	m2	77	
	<b><u>INTERNAL PLASTER</u></b>			
	<b><u>Cement plaster on superstructure brickwork:</u></b>			
2	On walls. A0 : 0    A1 : 0    A6 : 0    AD : 148 G : 0	m2	148	
	<b>Carried Forward to Summary of Section No. 2</b>			
	Section 2			
	Bill No. 11			
	Plastering			
			R	

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 12</u></b>			
	<b><u>TILING</u></b>			
	<b><u>Quantity Split:</u></b>			
	Note that the total quantity per each item is split into the various buildings and appears below each description as follows:			
	A0 - DWG 04 - Staff Ablutions			
	A1 - DWG 06 - Grade R Ablutions			
	A6 - DWG 14 - Male Ablutions			
	AD - Existing Toilets			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<b><u>CERAMIC FLOOR TILES</u></b>			
	<b><u>300 x 300mm Selected Ceramic tiles (allow Prime Cost amount R200.00 per square metre for material ONLY), with 6mm straight joints fixed with tile adhesive and tile grout as per Manufacturer's recommendations:</u></b>			
1	Floor tiles A0 : 31    A1 : 24    A6 : 22    AD : 65 G : 0	m2		142
2	Ceramic floor tile cut to form 150mm high skirting to match existing A0 : 53    A1 : 41    A6 : 34    AD : 83 G : 0	m		211
	<b>Carried to Collection</b>			
	Section 2 Bill No. 12 Tiling		R	



**WALL TILING**

**200 x 200mm White edward Ivory or equal approved wall tiles, laid adhesive and finished with grouting as per Manufacturer's recommendation:**

3	On walls in splashbacks.	m2	10		
	A0 : 2      A1 : 1      A6 : 1      AD : 6				
	G : 0				

**Carried to Collection**

R

Section 2  
 Bill No. 12  
 Tiling

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2

Bill No. 12

Tiling

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

72

73

**Amount**

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

R

Section 2  
Bill No. 12  
Tiling

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 13</u></b>			
	<b><u>PLUMBING AND DRAINAGE (PROVISIONAL)</u></b>			
	<b><u>Quantity Split:</u></b>			
	Note that the total quantity per each item is split into the various buildings and appears below each description as follows:			
	A0 - DWG 04 - Staff Ablutions			
	A1 - DWG 06 - Grade R Ablutions			
	A6 - DWG 14 - Male Ablutions			
	AD - Existing Toilets			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<b><u>RAINWATER DISPOSAL:</u></b>			
	<b><u>Watertite or equal approved Aluminium Gutters and Downpipes:</u></b>			
1	125 x 85 x 0.6mm Ogee domestic gutters including gutter brackets at 600mm centres. A0 : 10      A1 : 8      A6 : 7      AD : 20 G : 0	m	44	
2	Extra over eaves gutter for stopped end. A0 : 2      A1 : 2      A6 : 2      AD : 4 G : 0	No	10	
3	Extra over eaves gutter for outlet for 100 x 75mm aluminium downpipe. A0 : 2      A1 : 2      A6 : 2      AD : 4 G : 0	No	10	
4	100 x 75 x 0.6mm rectangular fluted downpipes fixed to wall with and including proprietary holderbats to 5000L rainwater tanks (elsewhere measured). A0 : 9      A1 : 9      A6 : 9      AD : 12 G : 0	m	39	
	<b>Carried to Collection</b>			R
	Section 2 Bill No. 13 Plumbing and Drainage (Provisional)			

5	Extra over rainwater downpipe for bends. A0 : 3      A1 : 3      A6 : 3      AD : 4 G : 0	No	13
<b><u>TAPS, VALVES, ETC</u></b>			
<b><u>Solid Cast brass taps, valves, etc:</u></b>			
6	"Cobra KM2-200" or other approved 15mm chrome plated metered bib tap with non-hold open feature and flow controller. A0 : 4      A1 : 3      A6 : 2      AD : 8 G : 0	No	17
7	15mm Ball-o-stop valve. A0 : 5      A1 : 3      A6 : 2      AD : 8 G : 0	No	18
8	22mm Non Return valve. A0 : 5      A1 : 5      A6 : 5      AD : 8 G : 0	No	23
<b><u>WASTE UNIONS ETC</u></b>			
<b><u>Outlets, traps, etc:</u></b>			
9	40mm 342/50 CP bottle trap. A0 : 1      A1 : 0      A6 : 0      AD : 2 G : 0	No	3
10	40mm Code 316 chrome plated unslotted waste outlet. A0 : 4      A1 : 3      A6 : 2      AD : 4 G : 0	No	13
11	40mm Rubber "P" or "S" trap A0 : 4      A1 : 3      A6 : 2      AD : 4 G : 0	No	13
<b><u>SANITARY FITTINGS</u></b>			
<b><u>Vaal or equal approved:</u></b>			
12	Lavatera White Vitreous china wall mounted bowl urinal with top inlet [code: 704001] 610x385mm, supplied with 38mm chromium plated domical grating [code: 8787], chromium plated spreader [code: 8543], and two hanger brackets [code: 8127] A0 : 1      A1 : 0      A6 : 0      AD : 0 G : 0	No	1

**Carried to Collection**

R

Section 2  
Bill No. 13  
Plumbing and Drainage (Provisional)

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

13	Hibiscus White Vitreous china 510 x 405mm rounded basin [code: 7050] with one tap hole on left hand side, including integrated overflow, bolted to wall with two 8mm bolts [code 8448Z0], to manufacturer's specification. A0 : 4      A1 : 3      A6 : 2      AD : 8 G : 0	No	17
14	Orchid back inlet white vitreous china wall hung pan [code 439016] with floor bracket [code 8082Z0] fitted as per manufacturer's specifications and combined with: GEBERIT Kombifix UP172 for wall hung WC, [G110.150.00.1], front actuated with Delta21 dual flush actuator [G115.125.46.1] in matt finish, including flushpipe and Pan connector, water supply connection with angle stop valve, Netting for direct plastering, protection cover for service opening and protection cover for flushpipe, fixed with included fastening materials inside a single solid wall [80mm] A0 : 4      A1 : 1      A6 : 2      AD : 12 G : 0	No	19
15	Junior vitreous china low level suite colour White (Code: 751358), comprising 104° outlet washdown pan (Code: 751301) with matching 6 litre front single flush cistern (Code: 712034) including lid, fitments and flushpipe and Junior double flap wooden seat (Code: 8518Z0). A0 : 0      A1 : 3      A6 : 0      AD : 2 G : 0	No	5
<b><u>Franke Model TU101 or equal approved flush valve/cistern flat back wall mounted urinal:</u></b>			
16	SS-TU101-1830R Flat back stainless steel school trough urinal wall and floor mounted. manufactured from Grade 304 (18/10) Stainless Steel, 0,9 mm gauge. Urinal to be supplied with a concealed sparge pipe and a 22 mm inlet with chrome plated conex fitting for connecting to water inlet (Connection fitting not supplied). Urinal to include a tiling key to sides and rear walls. The back to be fully sound deadened with vermin proof bitumastic material. Outlet to be situated on the left or right of the urinal with a recess for 40 mm chrome plated waste outlet. A0 : 0      A1 : 0      A6 : 2      AD : 1 G : 0	No	3

**SANITARY PLUMBING**

**Carried to Collection**

R

Section 2  
Bill No. 13  
Plumbing and Drainage (Provisional)

	<b><u>PVC waste or vent pipes and fittings:</u></b>				
17	50mm Waste pipe. A0 : 28    A1 : 28    A6 : 30    AD : 33 G : 0	m		119	
18	110mm Pipe. A0 : 4    A1 : 4    A6 : 2    AD : 12 G : 0	m		22	
19	110mm Pipe and laying in ground or filling not exceeding 2m deep including excavation, filling in and ramming. A0 : 25    A1 : 25    A6 : 25    AD : 36 G : 0	m		111	
	<b><u>uPVC gulleys</u></b>				
20	200mm Precast concrete gully dish and uPVC lowback assembly complete with 110mm P trap gully (code UGB 40) including 190mm diameter head (code UGA 40) and grate (code UGG 40), not exceeding 750mm deep, jointed to 110mm drain pipe, including excavations for and encasing in concrete (15MPa crushing strength after 28 days) worked up to form kerb, finished smooth on top in 1:3 cement mortar. A0 : 1    A1 : 1    A6 : 1    AD : 1 G : 0	No		4	
	<b><u>Extra for:</u></b>				
21	50mm Bend. A0 : 10    A1 : 12    A6 : 10    AD : 12 G : 0	No		44	
22	50mm Access bend. A0 : 4    A1 : 3    A6 : 3    AD : 7 G : 0	No		17	
23	100mm Access bend. A0 : 4    A1 : 4    A6 : 2    AD : 4 G : 0	No		14	
	<b><u>WATER SUPPLIES</u></b>				
	<b><u>Polycop pipes:</u></b>				
	Pipes shall be class 10.				
	<b>Carried to Collection</b>				R
	Section 2 Bill No. 13 Plumbing and Drainage (Provisional)				

**Fixing of pipes**

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

**Polycop pipes chased in walls:**

Where pipes have been chased in walls, the price for making good of plaster and paint etc shall be deemed to be included in the description of pipe chased in walls.

**Reducing fittings:**

Where fittings have reducing ends or branches they are described as 'reducing'. In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the Contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained.

**Class 10 Polycop pipes:**

24	15mm Pipe chased into brick walls. A0 : 32    A1 : 31    A6 : 32    AD : 33 G : 0	m	128
25	22mm Pipe chased into brick walls. A0 : 19    A1 : 20    A6 : 20    AD : 25 G : 0	m	84

**Extra over polycop pipes for compression fittings:**

26	15mm Fittings. A0 : 28    A1 : 29    A6 : 29    AD : 12 G : 0	No	98
27	22mm Fittings. A0 : 25    A1 : 23    A6 : 29    AD : 12 G : 0	No	89

**Connection to existing water supply**

28	Allow for connection to existing water supply.		Item
----	--	--	------

**Testing**

29	Testing water pipe system		Item
----	---------------------------	--	------

**Carried to Collection**

R

Section 2  
Bill No. 13  
Plumbing and Drainage (Provisional)

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2  
Bill No. 13  
Plumbing and Drainage (Provisional)

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

**Amount**

75

76

77

78

79

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

R

Section 2  
Bill No. 13  
Plumbing and Drainage (Provisional)



**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<p><b><u>BILL No. 14</u></b></p> <p><b><u>PAINTWORK</u></b></p> <p><b><u>Quantity Split:</u></b></p> <p>Note that the total quantity per each item is split into the various buildings and appears below each description as follows:</p> <p>A0 - DWG 04 - Staff Ablutions            A1 - DWG 06 - Grade R Ablutions            A6 - DWG 14 - Male Ablutions            AD - Existing Toilets</p> <p><u>Note:</u></p> <p>For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).</p>			
	<b>Carried to Collection</b>			R
	Section 2 Bill No. 14 Paintwork			

**PAINTWORK ETC TO NEW WORK**

**ON WOOD**

**Stop, sand down and prepare wood surfaces and apply one coat wood primer, one undercoat and two coats eggshell enamel paint as per Plascon or equal approved:**

1	On doors	m2	90	
	A0 : 21      A1 : 18      A6 : 10      AD : 42			
	G : 0			

2	On door frames	m2	28	
	A0 : 6      A1 : 5      A6 : 3      AD : 13			
	G : 0			

**Two coats superior quality clear gloss varnish on smooth sanded down surfaces:**

3	On doors	m2	90	
	A0 : 21      A1 : 18      A6 : 10      AD : 42			
	G : 0			

4	On door frames	m2	28	
	A0 : 6      A1 : 5      A6 : 3      AD : 13			
	G : 0			

**Prepare and apply two coats carbolenium on:**

5	On exposed timbers.	m2	44	
	A0 : 14      A1 : 12      A6 : 11      AD : 7			
	G : 0			

**ON FIBRE-CEMENT**

**Prepare and apply two coats pure acrylic roof paint on:**

6	On fascias and barge boards.	m2	45	
	A0 : 10      A1 : 8      A6 : 8      AD : 19			
	G : 0			

**Carried to Collection**

R

Section 2  
Bill No. 14  
Paintwork

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 2

Bill No. 14

Paintwork

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

81

82

**Amount**

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

R

Section 2  
Bill No. 14  
Paintwork

Section 2

**SECTION SUMMARY - BUILDING WORKS**

**Bill  
No**

**Page  
No**

**Amount**

Alterations (Provisional)

37

Earthworks (Provisional)

42

Concrete, Formwork and Reinforcement

46

Masonry

51

Waterproofing

54

Roof Coverings Etc.

57

Carpentry and Joinery

62

CEILINGS, PARTITIONS AND ACCESS FLOORING

63

Ironmongery

67

Metalwork

70

Plastering

71

Tiling

74

Plumbing and Drainage (Provisional)

80

Paintwork

83

**Carried to Final Summary**

R

Section 2

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<b><u>SECTION No. 3</u></b>			
	<b><u>BILL No. 1</u></b>			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<b><u>THE FOLLOWING IN PLATFORMS, ETC.</u></b>			
	<u>Site Clearance, ETC</u>			
1	Allow for clearing the area of the site to be built upon of all grass, weeds, shrubs, trees with trunks not exceeding 200mm girth, debris, etc., including grubbing up all roots, scoffling up as required and cart away all vegetation and debris.	m2	280	
2	Stripping average 200mm thick layer of topsoil and stockpiling on site.	m2	280	
	<u>Open face excavation not exceeding 2m deep:</u>			
3	Excavate to cut in open face, not exceeding 2m deep to reduce levels and grade to fill and compact to 93% mod AASHTO density at optimum moisture content.	m3	410	
	<u>Extra over all excavations for carting away:</u>			
4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	246	
	<u>Earth filling from excavated material</u>			
5	Dig, load and remove filling selected from spoil heaps on site and deposit as filling in platforms including spreading and compacting to cambers and falls in layers not exceeding 150 mm thick to a minimum of 95% Modified AASHTO dry density.	m3	82	
	<b>Carried to Collection</b>			R
	Section 3			
	Bill No. 1			
	External Works			

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

	<u>Filling supplied by the contractor to form platforms</u>				
6	Over site of Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.	m3	164		
	<u>Surface Preparation:</u>				
7	Trim and level off surface of ground (excavated or filled under this Contract) including excavating or filling, ripping and scarifying as necessary and compacting the whole area for a depth of 300mm to a density of at least 90% Mod. AASHTO maximum density, part to falls.	m2	358		
	<u>Prescribed density tests on filling:</u>				
8	Modified AASHTO Density test.	No	15		
	<b><u>THE FOLLOWING IN DISABLED ACCESS</u></b>				
	<b><u>SCREEN WALL</u></b>				
	<u>Excavation in earth not exceeding 2m deep:</u>				
9	Trenches.	m3	34		
	<u>Extra over all excavations for carting away:</u>				
10	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor.	m3	10		
	<u>Risk of collapse of excavations:</u>				
11	Sides of trench and hole excavations not exceeding 1,5m deep.	m2	97		
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% MOD AASHTO density:</u>				
12	Backfilling to trenches, holes, etc.	m3	24		
	<u>Filling supplied by the contractor under strip footing</u>				
13	G7 Base course material compacted to 98% Mod AASHTO density	m3	4		
	<b>Carried to Collection</b>				
	Section 3				
	Bill No. 1				
	External Works				

R

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

	<u>Compaction of surfaces</u>				
14	Compaction of ground surface under floors, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density.	m2	97		
	<u>25 Mpa/19mm Concrete</u>				
15	Strip footings.	m3	10		
	<u>Test blocks:</u>				
16	Making and testing of 150x150x150mm concrete strength test cubes (Provisional).	No	3		
	<u>Reinforcement (Provisional)</u>				
17	High tensile steel reinforcement bars to structural concrete work.	t	1.22		
	<u>BRICKWORK IN FOUNDATIONS.</u>				
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in Class I mortar (Cement to be 42.5N all-purpose cement):</u>				
18	One brick walls.	m2	48		
	<u>BRICKWORK IN SUPERSTRUCTURE</u>				
	<u>Brickwork reinforcement:</u>				
19	230mm Wide reinforcement built in horizontally.	m	113		
20	Ditto but in foundations.	m	97		
	<u>FACE BRICK</u>				
	<u>"Rustgold FBS/Qunu Travertine" clay face brick or equal approved, size 222 x 106 x 73mm, bedded and jointed in Class II mortar and pointed with recessed vertical and recessed horizontal joints, suitable for exposure zones 1-2 (Cement to be 42.5N all-purpose cement):</u>				
21	One brickwall faced on both sides.	m2	34		
	<b>Carried to Collection</b>				
	Section 3				
	Bill No. 1				
	External Works				
					R

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

	<u>Brick-on-edge header course copings, sills, etc. of "Rustgold FBS/Qunu Travertine" or equal approved face bricks pointed with recessed joints on all exposed faces, 220mm wide sill set sloping and slightly projecting:</u>				
22	230mm wide header course to top of one brick wall bedded and jointed in cement mortar and pointed on top and both sides as described.	m	48		
	<b><u>ACCESS RAMPS</u></b>				
	<u>Excavation not exceeding 2m deep</u>				
23	Reducing levels and depositing excavated material in prescribed stock piles on site.	m3	19		
	<u>Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):</u>				
24	Off site to a dumping site to be found by the Contractor.	m3	13		
	<u>Filling supplied by the contractor under floors, aprons, etc</u>				
25	G7 Base course material compacted to 98% Mod AASHTO density	m3	9		
26	Over site of Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.	m3	9		
	<u>Coarse river sand filling supplied by the contractor:</u>				
27	Under floors etc.	m3	3		
	<u>Compaction of surfaces:</u>				
28	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density.	m2	63		
	<u>Prescribed density tests on filling:</u>				
29	In-situ dry density test.	No	8		
	<b>Carried to Collection</b>				
	Section 3				
	Bill No. 1				
	External Works				
					R



**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

	<u>Reinforced 25Mpa/19mm Concrete:</u>				
30	Ramps, Landings, etc.	m3	6		
	<u>Finishing top surfaces of concrete smooth with a wood float:</u>				
31	Surface beds, slabs, etc to falls and currents.	m2	63		
	<u>Test blocks:</u>				
32	Making and testing of 150x150x150mm concrete strength test cubes (Provisional).	No	3		
	<u>Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:</u>				
33	12mm Joints not exceeding 300mm high.	m	97		
	<u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>				
34	10 x 12mm In movement joints in floors or walls including raking out expansion joint filler as necessary.	m	97		
	<u>Fabric reinforcement:</u>				
35	REF. 395 fabric reinforcement in concrete surface beds, slabs, etc.	m2	63		
	<u>Waterproofing under Surface beds</u>				
36	350 Micron USB orange polyethylene dampproof membrane in accordance with SABS 952 Type C laid on sand bed (elsewhere measured).	m2	63		
	<b><u>THE FOLLOWING IN WALKWAYS</u></b>				
	<b><u>EARTHWORKS</u></b>				
	<u>Excavate in earth not exceeding 2m deep including trimming sides, levelling and ramming bottoms and deposit in spoil heaps for later re-use or cart away</u>				
37	Reduced levels between buildings, retaining walls, etc.	m3	64		
	<b>Carried to Collection</b>				
	Section 3				
	Bill No. 1				
	External Works				
					R

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

<b><u>Carting away of excavated material</u></b>				
38	Extra over all excavations for loading surplus or unsuitable material from spoil heaps and cart away to a dumping site to be located by the Contractor.	m3	64	
<b><u>Base Courses</u></b>				
39	G7 Base course material, selected and supplied by the Contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 98% modified AASHTO density under pavings.	m3	48	
<b><u>Sundries</u></b>				
40	Rip reduced platform level and recompact to 93% Mod. A.A.S.H.T.O. density.	m2	160	
<b><u>Prescribed Testing</u></b>				
41	Provide and have filling compaction checked, tested by a Consulting Engineer's Laboratory and deliver the results to the Architect within 24 hours of the tests being completed.	No	7	
<b><u>Weedkillers, insecticides, etc.</u></b>				
<b><u>Soil insecticide in accordance with SANS 5859</u></b>				
42	Under paving, etc.	m2	160	
<b><u>Pre-cast concrete Pavers</u></b>				
<b><u>Grey interlocking precast concrete pavers type S-A laid in herringbone pattern with header course perimeter margin</u></b>				
43	50mm Thick laid on and including 25mm sand bed treated with weed killer and cement/sand mixture swept into joints on completion.	m2	160	
<b><u>Sundries</u></b>				
44	Circular cutting on 50mm thick non bevelled concrete pavers.	m	10	
<b><u>Channelling, kerbing, edging, etc.</u></b>				
<b>Carried to Collection</b>				R
Section 3				
Bill No. 1				
External Works				

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

	<u>Precast concrete kerbing</u>				
45	Precast semi-mountable concrete Fig 8B edge kerb size 300 x 175mm high cast in lengths not exceeding 1m and with expansion joints at not exceeding 10m centres finished smooth off the mould on all exposed surfaces bedded on and including minimum 50mm thick mass concrete 15 MPa base and backing including all necessary excavation, formwork, expansion joints, etc.	m	160		
46	Ditto, but circular on plan to not exceeding 4m radius.	m	5		
	<b><u>THE FOLLOWING IN BULK WATER RETICULATION</u></b>				
	<u>ALTERATIONS TO EXISTING</u>				
47	Locate, cut into and temporarily stop off 40mm diameter water pipe for insertion of stop end (elsewhere).	No	2		
48	Locate, cut into and temporarily stop off 54mm diameter water pipe for insertion of Tee Junction (elsewhere).	No	1		
	<b><u>HDPE 100PN 12.5 pressure pipes:</u></b>				
49	32mm pipes laid in depths not exceeding 1m including excavation, bedding, backfilling, compaction and disposal of surplus material.	m	40		
50	40mm Pipes laid in depths not exceeding 1m including excavation, bedding, backfilling, compaction and disposal of surplus material.	m	70		
	<b><u>Extra over (PN12.5) HDPE piping for fittings:</u></b>				
51	32mm Bend.	No	12		
52	32mm Adaptor.	No	25		
53	40mm Bend.	No	7		
54	32mm Tee.	No	3		
55	40mm Tee.	No	2		
	<b><u>TAPS, VALVES, ETC</u></b>				
56	32mm "Cobra" Ball Valve complete with adaptors for HDPE pipe.	No	1		
	<b>Carried to Collection</b>				
	Section 3				
	Bill No. 1				
	External Works				
					R

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

57	32mm Non-return valve.	No	1		
	<u>Water supply valve or meter chambers</u>				
58	Excavate for and build valve chamber size 460 x 460 x not exceeding 1000mm deep internally, formed of 300mm thick layer of well backfilling , 200mm high half brick corbelled sides with 75mm brickforce between each course including Type 3A cast iron valve cover and frame size 100 x 230 x 300 encased in a 300mm thick 25mpa mass concrete base.	No	1		
	<b><u>Sundries:</u></b>				
	<b><u>Municipal connection</u></b>				
59	Allow for amount of R20 000.00 (Twenty Thousand Rand) for municipal water connection to be used at the discretion of the Principal Agent and deducted in whole or in part if not required.		Item		20 000.00
60	Allow for profit if required.			%	
	<b><u>Testing:</u></b>				
61	Testing water pipe system.		Item		
	<b><u>THE FOLLOWING IN STORMWATER DRAINAGE, APRONS ETC.</u></b>				
	<b><u>STORMWATER APRONS</u></b>				
	<u>Excavation not exceeding 2m deep</u>				
62	Reducing levels and depositing excavated material in prescribed stock piles on site.	m3	29		
	<u>Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):</u>				
63	Off site to a dumping site to be found by the Contractor.	m3	29		
	<u>Filling supplied by the contractor under floors, aprons, etc</u>				
64	G7 Base course material compacted to 98% Mod AASHTO density	m3	11		
	<b>Carried to Collection</b>			R	
	Section 3				
	Bill No. 1				
	External Works				

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

65	Over site of Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.	m3	11		
	<u>Coarse river sand filling supplied by the contractor:</u>				
66	Under floors etc.	m3	4		
	<u>Compaction of surfaces:</u>				
67	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density.	m2	74		
	<u>Prescribed density tests on filling:</u>				
68	In-situ dry density test.	No	7		
	<u>Reinforced 25Mpa/19mm Concrete:</u>				
69	Surface beds cast in panels on waterproofing.	m3	11		
	<u>Finishing top surfaces of concrete smooth with a wood float:</u>				
70	Surface beds, slabs, etc to falls and currents.	m2	74		
	<u>Test blocks:</u>				
71	Making and testing of 150x150x150mm concrete strength test cubes (Provisional).	No	4		
	<u>Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:</u>				
72	12mm Joints not exceeding 300mm high.	m	59		
	<u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>				
73	10 x 12mm In movement joints in floors or walls including raking out expansion joint filler as necessary.	m	20		
	<u>Fabric reinforcement:</u>				
74	REF. 395 fabric reinforcement in concrete surface beds, slabs, etc.	m2	74		
	<b>Carried to Collection</b>				
	Section 3				
	Bill No. 1				
	External Works				
					R

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

75	<u>Waterproofing under Surface beds</u>  350 Micron USB orange polyethylene dampproof membrane in accordance with SABS 952 Type C laid on sand bed (elsewhere measured).	m2	74	
<b>Carried to Collection</b>				R
Section 3 Bill No. 1 External Works				

<b><u>STORMWATER CHANNELS</u></b>				
	<u>Excavation not exceeding 2m deep</u>			
76	Reducing levels and depositing excavated material in prescribed stock piles on site.	m3	64	
	<u>Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):</u>			
77	Off site to a dumping site to be found by the Contractor.	m3	64	
	<u>Filling supplied by the contractor under channels</u>			
78	G7 Base course material compacted to 98% Mod AASHTO density	m3	32	
79	Over site of Selected Subgrade G5 material in accordance with SABS 1 200 DM in layers not exceeding 150mm thick and compacted to 95% Mod AASHTO density.	m3	32	
	<u>Cast in-situ Ref 395 mesh reinforced concrete (25MPa) open stormwater channels having V-shaped waterway formed in top, finished smooth on all exposed surfaces in 3:1 cement plaster trowelled smooth and with angles rounded, cast in suitable lengths not exceeding 2m, including all formwork, moulds, shallow excavation, filling and ramming, laying to falls, bedding and pointing in 3:1 cement mortar. Concrete apron to be tinted, colour to be specified by the Engineer.</u>			
80	700 x 80mm thick V' channel 150mm deep in centre laid in position in ground not exceeding 2000mm sections including all formwork, reinforcement, expansion joints, smooth finishing to top of concrete surface etc.	m	214	
81	Extra for 700mm angle	No	8	
82	Extra for forming 200mm thick 700mm wide spreader with 200mm high edges fanning out to 1 960mm width at furthest end with hard burnt bricks pitching cast in ass diffusers including working off concrete to a smooth finish and draining onto natural ground with 150 - 200mm diameter loose stones.	No	8	
	<b>Carried to Collection</b>			
	Section 3			
	Bill No. 1			
	External Works			
				R

**BULK SEWER RETICULATION**

**Heavy duty (Class 34) PVC-U sewer and drain pipes**

83	110mm Pipes laid in and including trenches not exceeding 1m deep	m	80
84	110mm Pipes laid in and including trenches exceeding 1m but not exceeding 2m deep	m	20

**Extra over heavy duty (Class 34) PVC-U sewer and drain pipes for fittings**

85	110mm Bend	No	8
86	110mm Rodding eye	No	2
87	160 x 110mm Reducing junction	No	1

**PRE-CAST CONCRETE MANHOLES**

**Pre-cast concrete circular inspection chambers including pre-cast concrete cover slabs, covers and channels in benching**

88	Manhole 1000mm diameter not exceeding 1m deep.	No	4
89	Manhole 1000mm diameter exceeding 1m and not exceeding 2m deep.	No	2

**SUNDRIES**

**Earthworks**

90	Selected granular filling Class 'B' supplied by the Contractor in bedding under pipes.	m3	30
91	Selected 19mm stone supplied by the Contractor in bedding under pipes.	m3	15
92	300 x 300 x 75mm Pre-cast concrete inspection eye marker slab set in ground.	No	1

**Manhole covers**

93	620mm dia Type 2A Heavy duty cast iron manhole to SABS 558	No	6
----	--	----	---

**Carried to Collection**

R

Section 3  
Bill No. 1  
External Works



	<b><u>Connection</u></b>				
94	Allow for connecting to sewer drainage system		Item		
	<b><u>Testing:</u></b>				
95	Testing drainage system.		Item		
	<b><u>THE FOLLOWING IN RAINWATER TANKS AND STANDS</u></b>				
	<b><u>Excavation in earth not exceeding 2m deep:</u></b>				
96	Trenches.	m3	6		
	<b><u>Extra over trench and hole excavations in earth for excavation:</u></b>				
97	Soft rock.	m3	0.3		
98	Hard rock.	m3	0.2		
	<b><u>Extra over all excavations for carting away:</u></b>				
99	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor.	m3	4		
	<b><u>Risk of collapse of excavations:</u></b>				
100	Sides of trench and hole excavations not exceeding 1,5m deep.	m2	19		
	<b><u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93%:</u></b>				
101	Backfilling to trenches, holes, etc.	m3	2		
	<b><u>Earth filling supplied by the Contractor compacted to 95% MOD AASHTO:</u></b>				
102	Under floors, steps, pavings, etc.	m3	5		
	<b><u>Compaction of surfaces</u></b>				
103	Compaction of ground surface under floors, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density.	m2	10		
	<b>Carried to Collection</b>				
	Section 3				
	Bill No. 1				
	External Works				
				R	

	<b><u>25Mpa/19mm Un-reinforced Concrete</u></b>				
104	Strip footings.	m3	2		
	<b><u>25 MPa/19mm Concrete:</u></b>				
105	Tank concrete slab.	m3	2		
	<b><u>Finishing top surfaces of concrete smooth with a steel trowel including adding additional cement while concrete is still green to attain a smooth, hard surface:</u></b>				
106	Surface beds, slabs, etc.	m2	14		
	<b><u>Rough Formwork to Sides (Degree of Accuracy III):</u></b>				
107	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m	21		
	<b><u>Allens Meshco Square Mesh Fabric reinforcement:</u></b>				
108	Type 193 fabric reinforcement in concrete surface beds, slabs, etc.	m2	14		
	<b><u>Foundation brickwork of NFX bricks (14 MPa nominal compressive strength) in Class I mortar:</u></b>				
109	One brick walls.	m2	6		
	<b><u>Super Structure brickwork of NFP bricks (14 MPa nominal compressive strength) in Class II mortar:</u></b>				
110	One brick walls.	m2	10		
	<b><u>Brickwork reinforcement:</u></b>				
111	230mm Wide reinforcement built in horizontally.	m	39		
112	Ditto, but in foundations (Provisional).	m	24		
	<b><u>"Corobrik Firelight Satin FBX" clay face brick or equal approved, size 222 x 106 x 73mm, bedded and jointed in Class II mortar and pointed with recessed vertical and recessed horizontal joints, suitable for exposure zones 1-2:</u></b>				
113	Extra over brickwork for face brickwork externally.	m2	10		
	<b>Carried to Collection</b>				
	Section 3				
	Bill No. 1				
	External Works				
					R

<b><u>Plastic water tanks etc:</u></b>					
114	5000 Litre light duty cylindrical tank complete with lid, 15mm brass bibtap with handle suitable for locking and 4 No. galvanised stay wires 2.5m each long connected to tank, with and including 4 No. eye bolts cast into concrete.	No	2		
115	Hole top of tank for 100mm pipe.	No	2		
<b><u>THE FOLLOWING IN GROUND STORAGE TANKS</u></b>					
<b><u>EXCAVATIONS, FILLING, ETC.</u></b>					
<u>Excavate in earth not exceeding 2m deep including trimming sides, levelling and ramming bottoms and deposit in spoil heaps for later re-use or cart away</u>					
116	Reduced levels under solid floors.	m3	4		
<u>Excavations in earth of more difficult character</u>					
117	Extra over excavations in earth for excavation in soft rock.	m3	0.4		
<b><u>Carting away of excavated material</u></b>					
118	Load surplus or unsuitable material from spoil heaps and cart away to a dumping site to be located by the Contractor.	m3	3		
<b><u>Risk of collapse of excavations</u></b>					
119	Allow for risk of collapse to sides of excavations not exceeding 1.5m deep including all necessary timber shoring, etc.	m2	7		
<b><u>Keeping excavations free of water</u></b>					
120	Allow for keeping the excavations free from water.		Item		
<b><u>Foundation courses</u></b>					
121	Imported G7 filling, selected and supplied by the Contractor, including depositing in layers not exceeding 150mm thick and compacting to 95% modified AASHTO dry density under solid floors.	m3	1		
<b>Carried to Collection</b>					R
Section 3					
Bill No. 1					
External Works					

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

122	Imported G5 filling, selected and supplied by the Contractor, including depositing in layers not exceeding 150mm thick and compacting to 98% modified AASHTO dry density under solid floors.	m3	1	
	<b><u>Compaction of surfaces</u></b>			
123	Scarify in-situ material to a depth of 150mm and compact to 93% Mod AASHTO density.	m2	9	
	<b><u>Tests</u></b>			
124	Allow for Mod AASHTO density tests on filling.	No	1.20	
	<b><u>CONCRETE (Labour intensive)</u></b>			
	<u>Reinforced concrete 30MPa (19mm stone) in:</u>			
125	Rafter slabs cast against excavated surfaces.	m3	3	
	<u>Testing</u>			
126	Allow for preparing and curing a set of three test cubes, each size 150mm x 150mm x 150mm and pay all transport and testing costs undertaken by an approved independent laboratory. (Provisional)	Sets	1	
	<b><u>Surface treatment</u></b>			
127	Float surface of concrete to a wood float finish.	m2	9	
<b>Carried to Collection</b>				R
Section 3 Bill No. 1 External Works				

<b><u>FORMWORK</u></b>				
<b><u>Edges, risers, ends and reveals</u></b>				
128	Edge, riser, etc exceeding 300mm high.	m2	4	
<b><u>Projections, grooves, etc.</u></b>				
129	Labour and material in forming 25 x 25mm chamfer to exposed top edge of concrete.	m	12	
<b><u>REINFORCEMENT (PROVISIONAL)</u></b>				
<u>High tensile welded steel mesh reinforcement :</u>				
130	Ref: 395 cast into concrete surfaces.	m2	9	
<b><u>PLUMBING AND DRAINAGE</u></b>				
<u>ALTERATIONS TO EXISTING</u>				
131	Locate, cut into and temporarily stop off 63mm diameter water pipe for insertion of reducing fitting (elsewhere).	No	6	
<b><u>Pipes, pipe fittings, etc.</u></b>				
<u>Class 12 uPVC water supply pipe with bedding and filling in accordance with SABS 1200</u>				
132	40mm Pipe.	m	30	
133	50mm Pipe.	m	35	
134	40mm Pipe and laying in ground not exceeding 1000mm deep.	m	45	
<u>Extra over uPVC pipes for the following fittings</u>				
135	40mm Bend.	No	2	
136	50mm Bend.	No	2	
137	40mm Tee junction.	No	3	
138	63 x 40mm Straight reducer	No	3	
<b>Carried to Collection</b>				
Section 3				
Bill No. 1				
External Works				
				R

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

	<b><u>Taps, valves, etc.</u></b>				
139	40mm float valve kit fitted inside of tank.	No	1		
140	40mm In-line strainer.	No	1		
141	40mm Brass gate valve.	No	2		
142	40mm Brass non return valve.	No	2		
143	40mm Flanged resilient seal gate valve with cap top.	No	2		
144	40mm Flanged pressure reducing valve.	No	2		
	<b><u>Switch</u></b>				
145	Float switch fitted inside of tank.	No	1		
	<b><u>Connections</u></b>				
	<u>Connection of new to existing pipes</u>				
146	Connection of 40mm diameter HDPE to 40mm diameter galvanised pipes including all necessary reducers, saddles, etc.	No	3		
147	Connection of 40mm diameter HDPE to 0.75kw water pump including all necessary reducers, saddles, etc.	No	3		
148	Connection of 63mm diameter HDPE to 40mm diameter galvanised pipes including all necessary reducers, saddles, etc.	No	3		
	<u>Rainwater tanks:</u>				
149	20 000 Litre polyethylene rotomoulded vertical water storage tank provided complete with lid and overflow outlet, fitted with suitable adaptor and setting in position on concrete tankstand (elsewhere measured). (The tanks are to be filled with water for the Practical Completion inspection)	No	1		
150	Hole through side of tank for 40mm diameter pipe including adaptor.	No	1		
	<b>Carried to Collection</b>				
	Section 3				
	Bill No. 1				
	External Works				
					R

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

<u>Ties, cramps, etc.</u>				
151	38 x 1,6mm Galvanised hoop iron strap around tank, both ends fitted with once holed 30 x 30 x 3mm thick galvanised flat plate and bolted together with and including M10 bolt and nut.	No	1	
152	38 x 1,6mm Galvanised hoop iron tie down, 2500mm long, one end wrapped around tank strap and twice bolted, the other end folded over and bolted to top of concrete with and including 8 x 60mm masonry anchor.	No	4	
<u>Water supply valve or meter chambers</u>				
153	Excavate for and build valve chamber size 565 x 665 x 550mm deep overall formed of precast concrete valve chamber units 1, 2, 3 and 4 with valve box lid-V and 19mm thick layer of 19mm stone in bottom including filling in and ramming.	No	1	
<u>Pump and Pumphouse</u>				
154	Allow the Budgetary Allowance of R 20 000,00 (Twenty Thousand Rand) for the installation of a 0.75kw water pump including housing, etc.		Item	20 000.00
<b><u>ELECTRICAL CONNECTION</u></b>				
<u>Electrical Works</u>				
155	Allow the Budgetary Allowance of R 30 000,00 (Thirty Thousand Rand) for the electrical supply to the water pumps, float switches, ect.		Item	30 000.00
<b><u>THE FOLLOWING IN SECURITY FENCING, ETC</u></b>				
<u>SECURITY FENCING</u>				
The Contractor is to allow in his rates for any site clearance, preparation of ground, etc. in order to carry out the work successfully.				
<b><u>"Clearvu" or equally approved fencing products to be executed in strict accordance with the Manufacturer's instructions</u></b>				
<b>Carried to Collection</b>				
Section 3				
Bill No. 1				
External Works				
			R	

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

<u>Fencing</u>					
156	High security galvanised, marine fusion bond coated, mesh fencing panel, size 3350 x 1800mm high fixed to posts (elsewhere).	m	40		
<u>Posts</u>					
157	Intermediate locking taper post, marine fusion bond coated, 2400mm long, with UV stabilised polymer cap including embedding in 400 x 400 x 600mm (25Mpa) concrete base including all necessary excavations, backfilling, etc.	No	8		
158	End or corner square post, marine fusion bond coated, 2400mm long, with UV stabilised polymer cap including embedding in 400 x 400 x 600mm (25Mpa) concrete base including all necessary excavations, backfilling, etc.	No	4		
159	Square gate post, marine fusion bond coated, 2400mm long, with UV stabilised polymer cap and gate mooring bracket including embedding in 400 x 400 x 600mm (25Mpa) concrete base including all necessary excavations, backfilling, etc.	No	2		
<u>Gates</u>					
160	Single gate, size 1000 x 1800mm high overall formed of square section perimeter framing, rails, etc. and the gate covered with high security galvanised, marine fusion bond coated, mesh including locking mechanism, hinges, drop bolts, etc. as per manufacturer's specifications.	No	1		
<u>Accessories</u>					
161	100mm High, marine fusion bond coated, steel shark spikes in 1500mm lengths pre-drilled and bolted to top of fencing panels (elsewhere).	m	40		
162	"Union 3122" or other approved 51mm brass padlock with stainless steel shackle.	No	1		
<u>Sundries</u>					
163	Extra over excavations in earth (concrete bases) for excavation in soft rock.	m3	1		
<b>Carried to Collection</b>					R
Section 3					
Bill No. 1					
External Works					



VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME

164 Extra over excavations in earth (concrete bases) for  
excavation in hard rock.

m3

1

**Carried to Collection**

R

Section 3  
Bill No. 1  
External Works

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Section 3

Bill No. 1

External Works

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

**Amount**

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

**Carried to Final Summary**

R

Section 3

Bill No. 1

External Works

**VUTHONDABA FULL SERVICE SCHOOL  
THE MVULA TRUST FLUSH MAINTENANCE PROGRAMME**

Item No		Quantity	Rate	Amount
	<b><u>SECTION 4</u></b>			
	<b><u>BILL No. 1</u></b>			
	<b><u>PROVISIONAL SUMS</u></b>			
	<u>Note:</u>			
	For Preambles see "PW 371 - A Edition 2.1 - Construction Works: Specifications, General Specification" as published by the Department of Public Works (Edition 2.1 July 2014).			
	<b><u>BUDGETARY ALLOWANCES</u></b>			
	<b><u>The following budgetary allowances are for work to be executed at rates in the bills of quantities or to be agreed by the Principal agent:</u></b>			
	<b><u>COMMUNITY LIAISON OFFICER</u></b>			
1	Allow for the employment of a Community Liaison Officer by the Main Contractor, to be paid an allowance of R6 500.00 per month.	Item		39 000.00
2	Add: Mark-up		%	
	<b><u>ELECTRICAL INSTALLATION</u></b>			
3	Provide the sum of R 200 000.00 ( Two Hundred Thousand Rand ) for Electrical installation.	Item		200 000.00
4	Add: Profit		%	
5	Add: Attendance		%	
	<b>Carried to Final Summary</b>			
	Section 4			
	Bill No. 1			
	Provisional Sums		R	

Section No	<u><b>FINAL SUMMARY</b></u>	Page No		Amount
1	PRELIMINARIES	30		
2	BUILDING WORKS	84		
3	EXTERNAL WORKS (PROVISIONAL)	106		
4	PROVISIONAL SUMS	107		
	SUB-TOTAL		R	
	<b><u>CONTINGENCIES</u></b>			
	Allow five per cent (5%) of the above sub-total for contingencies to be used as directed and deducted in whole or in part if not required.		R	
	SUB-TOTAL		R	
	<b>Add Value Added Tax at the rate of 15%</b>		R	
	<b>Carried to Form of Offer and Acceptance</b>		R	