



SANITATION APPROPRIATE FOR EDUCATION (SAFE) PROGRAMME BATCH 5

COMPLETION OF ABLUTION FACILITIES AND EXTERNAL WORKS AT BONJENI JSS

PROVISIONAL BILLS OF QUANTITIES

PREPARED FOR:

The Mvula Trust
67 Devereux Avenue
Vincent
East London
5217
Tel: (043) 726 2255

PREPARED BY:

Excel Quantity Surveyors
Unit 4F5
49 Leeds Road
Mthatha
5099
Tel.: (047) 531 1974

INDEX TO BILLS OF QUANTITIES

<u>Bill No</u>	<u>Page No</u>
SECTION NO. 1: PRELIMINARIES	1-1
1 PRELIMINARIES	1-2
Bill No.1	1-2
Preliminaries	1-2
Section A: Principal Building Agreement	1-3
Definitions	1-3
Objective And Preparation	1-3
Execution	1-4
Completion	1-5
Payment	1-5
Cancellation	1-6
Dispute	1-6
Substitute Provisions	1-6
Contract Variables	1-6
Contracting And Other Parties (Clause 42.1)	1-6
Contract Details (Clause 42.2)	1-7
Insurances (Clause 42.3)	1-7
Documents (Clause 42.4)	1-8
Section B: Preliminaries	1-8
Definitions And Interpretation (B1)	1-8
Definitions And Interpretation (B1)	1-8
Documents (B2)	1-8
The Site (B3)	1-9
Management Of Contract (B4)	1-10

Samples And Shop Drawings (B5)	1-10
Temporary Works And Plant (B6)	1-11
Temporary Services (B7)	1-11
Prime Cost Amounts (B8)	1-12
Attendance On N/s Subcontractors (B9)	1-12
Financial Aspects (B10)	1-12
General (B11)	1-12
Section C: Specific Preliminaries	1-13
Section C: Specific Preliminaries:	1-13
2 HEALTH AND SAFETY	1-18
Section 1	1-18
Bill No. 2	1-18
Health And Safety	1-18
Model Preambles	1-18
Supplementary Preambles	1-18
Occupational Health And Safety	1-18
General:	1-18
Provision For Personal Protective Equipment And Protective Clothing:	1-19
Costs Of Medical Certificates And Medical Surveillance:	1-19
Noise Monitoring:	1-19
C16. Covid-19 Compliance Measures	1-19
SECTION SUMMARY	1-21
SECTION NO. 2: DEMOLITIONS	2-1
1 DEMOLITIONS	2-2
Bill No. 1	2-2
Demolitions	2-2

Model Preambles	2-2
Supplementary Preambles	2-2
View Site	2-2
Explosives	2-2
General	2-2
Removal Of Asbestos Material	2-3
The Following Shall Apply In Respect Of Asbestos Removal.	2-3
Demolishing And Removing	2-3
Sundries	2-4
Desludging	2-4
SECTION SUMMARY.	2-6
SECTION NO. 3: BUILDINGS	3-1
1 EARTHWORKS (PROVISIONAL)	3-2
Bill No. 1	3-2
Earthworks (Provisional)	3-2
Quantity Split:	3-2
Model Preambles	3-2
Supplementary Preambles	3-2
Proprietary Products In Descriptions:	3-2
Nature Of Material To Be Excavated:	3-2
Carting Away Of Excavated Material:	3-2
Dewatering Of Excavations:	3-3
Density Testing On Filling:	3-3
Imported Fill:	3-3
Classification Of Excavated Material	3-3
Excavation Other Than Bulk	3-3

Prescribed Density Tests On Filling:	3-3
Soil Poisoning	3-3
Approved Brand Of Anti-termite Soil Poison Applied By A Registered Pest Control Company And Guaranteed Against Termite Infestation For Ten Years:	3-3
2 MASONRY	3-5
Bill No. 2	3-5
Masonry	3-5
Quantity Split:	3-5
Model Preambles	3-5
Supplementary Preambles	3-5
Brickwork	3-5
Sizes In Descriptions	3-5
Hollow Walls Etc	3-5
Face Bricks	3-5
Pointing	3-6
Samples	3-6
Trade Names	3-6
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:	3-6
3 CARPENTRY & JOINERY	3-8
Bill No. 3	3-8
Carpentry & Joinery	3-8
Quantity Split:	3-8
Model Preambles	3-8
Supplementary Preambles	3-8
Fixing	3-8
Carpentry	3-8

Sawn Softwood:	3-8
Sundries:	3-8
Eaves, Verges, Etc	3-8
"Everite Nutec" Or Equal Approved Fibre Cement	3-8
4 IRONMONGERY	3-9
Bill No. 4	3-9
Ironmongery	3-9
Quantity Split:	3-9
Model Preambles	3-9
Supplementary Preambles	3-9
Keys/locks	3-9
Trade Names	3-9
Fixing	3-9
Sundries:	3-9
Sign Plates:	3-10
All Sign Plates Are To Be With Engraved Blue Perspex All In Accordance With The Standard Sign Plates For Schools	3-10
Grade 304 Stainless Steel Ware:	3-10
Satin Grey Plastics Or Equal Approved	3-10
5 METALWORK	3-12
Bill No. 5	3-12
Metalwork	3-12
Quantity Split:	3-12
Model Preambles	3-12
Supplementary Preambles	3-12
Hot Dip Galvanized Steel Gates	3-12

Note: The Contractor Is To Check On Site Measurements Before Placing Of Order.	3-12
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 T.	3-12
6 PLASTERING	3-13
Bill No. 6	3-13
Plastering	3-13
Quantity Split:	3-13
Model Preambles	3-13
Screeds	3-13
Untinted Granolithic, On Concrete:	3-13
Skirtings	3-13
Internal Plaster (Pit Walls)	3-13
15Mm Thick Of 1:4 Sand Cement Plaster With Coprox Masonry Waterproofing Or Equal Approved Waterproof Cement Additive. Add 2.5Kg Coprox Waterproof Cement Additive For Every 50Kg Of Cement Used In Plaster Mix	3-13
7 PLUMBING AND DRAINAGE (PROVISIONAL)	3-14
Bill No. 7	3-14
Plumbing And Drainage (Provisional)	3-14
Quantity Split:	3-14
Model Preambles	3-14
Rainwater Disposal:	3-14
Watertite Or Equal Approved Aluminium Gutters And Downpipes:	3-14
Taps, Valves, Etc.	3-14
Solid Cast Brass Taps, Valves, Etc:	3-14
Waste Unions Etc	3-15
Outlets, Traps, Etc:	3-15
Sanitary Fittings	3-15

Rust And Corrosion Resistant, Uv-resistant Polyethylene Pedestals, Urinals, Basins, Etc. Product And Colour To Principal Agent's Approval:	3-15
Vaal Or Equal Approved:	3-15
Franke Model Tu101 Or Equal Approved Flush Valve/cistern Flat Back Wall Mounted Urinal:	3-15
Sanitary Plumbing	3-16
Pvc Waste Or Vent Pipes And Fittings:	3-16
Upvc Gulleys	3-16
Extra For:	3-16
Water Supplies	3-16
Polycop Pipes:	3-16
Fixing Of Pipes	3-16
Polycop Pipes Chased In Walls:	3-16
Reducing Fittings:	3-17
Class 10 Polycop Pipes:	3-17
Extra Over Polycop Pipes For Compression Fittings:	3-17
8 PAINTWORK	3-19
Bill No. 8	3-19
Paintwork	3-19
Quantity Split:	3-19
Model Preambles	3-19
Supplementary Preambles	3-19
Trade Names	3-19
Epoxy Paint	3-19
Paintwork Etc To New Work.	3-19
Prepare And Apply Two Coats Carbolonium On:	3-19
On Fibre-cement	3-20

Prepare And Apply Two Coats Pure Acrylic Roof Paint On:	3-20
On Pvc Vent Pipe	3-20
Prepare And Apply Two Coats Black Pva Paint:	3-20
SECTION SUMMARY	3-22
SECTION NO. 4: EXTERNAL WORKS	4-1
1 EXTERNAL WORKS (PROVISIONAL)	4-2
Bill No. 1	4-2
External Works (Provisional)	4-2
Model Preambles	4-2
The Following In Platforms, Etc.	4-2
Site Clearance, Etc	4-2
Open Face Excavation Not Exceeding 2M Deep:	4-2
Extra Over All Excavations For Carting Away:	4-2
Earth Filling From Excavated Material.	4-2
Surface Preparation:	4-3
Prescribed Density Tests On Filling:	4-3
The Following In Walkways	4-3
Excavation Not Exceeding 2M Deep	4-3
Extra Over All Excavations For Loading, Carting And Dumping Surplus Excavated Material (No Allowance Made For Increase In Bulk):	4-3
Filling Supplied By The Contractor Under Walkways	4-3
Rip And Re - Compact Insitu Material On Site Compacted To 93% Mod. Aashto Density:	4-3
Prescribed Density Tests On Filling:	4-3
Approved Brand Of Anti-termite Soil Poison Applied By A Registered Pest Control Company And Guaranteed Against Termite Infestation For Ten Years:	4-3
Concrete Paving Blocks	4-4

Paving Of 60Mm Thick 200X100mm 25Mpa Bevel Bond Paver Blocks Grey In Colour In Herringbone Pattern On And Including 20Mm Thick Sand Bed With Dry Filler Sand Swept And Vibrated Into Joints All Laid On Subgrade (Elsewhere Measured) Conforming To Sabs 1200D.	4-4
Kerbing	4-4
Precast Or In Situ Mass Concrete (25 Mpa - 19 Mm Stone) Kerbs Cast In Convenient Lengths With Exposed Faces Finished Smooth From The Mould And All Salient Angles Rounded, Jointed And Pointed In 1:3 Cement Mortar, Including Excavations, Formwork, Etc. .	4-4
The Following In One Brick Wall (Garden Wall)	4-4
Excavation In Earth Not Exceeding 2M Deep:	4-4
Extra Over All Excavations For Carting Away:	4-4
Risk Of Collapse Of Excavations:	4-4
Earth Filling Obtained From The Excavations And/or Prescribed Stock Piles On Site Compacted To 93% Mod Aashto Density:	4-5
Earth Filling (G7 Material) Supplied By The Contractor In Layers Not Exceeding 150Mm Thick And Compacted To 98% Mod Aashto Density:	4-5
Compaction Of Surfaces	4-5
25 Mpa/19mm Concrete	4-5
Test Blocks:	4-5
Reinforcement (Provisional)	4-5
Brickwork In Foundations.	4-5
Brickwork In Superstructure	4-5
Brickwork Reinforcement:	4-5
Face Brick	4-6
"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-purpo	4-6
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:	4-6
Stormwater Channels	4-6
Excavation Not Exceeding 2M Deep	4-6

Extra Over All Excavations For Loading, Carting And Dumping Surplus Excavated Material (No Allowance Made For Increase In Bulk):	4-6
Filling Supplied By The Contractor Under Channels	4-6
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	4-7
Exc	
Sundries:	4-7
The Following In Disabled Access.	4-7
Access Ramps	4-7
Excavation Not Exceeding 2M Deep	4-7
Extra Over All Excavations For Loading, Carting And Dumping Surplus Excavated Material (No Allowance Made For Increase In Bulk):.	4-7
Filling Supplied By The Contractor Under Floors, Aprons, Etc.	4-7
Coarse River Sand Filling Supplied By The Contractor:	4-8
Compaction Of Surfaces:	4-8
Prescribed Density Tests On Filling:	4-8
Reinforced 25Mpa/19mm Concrete:	4-8
Finishing Top Surfaces Of Concrete Smooth With A Wood Float:	4-8
Test Blocks:	4-8
Expansion Joints With Bitumen Impregnated Softboard Between Vertical Concrete Or Brick Surfaces:	4-8
Two-part Grey Polysulphide Sealing Compound Including Backing Cord, Bond Breaker, Primer, Etc.	4-8
Fabric Reinforcement:	4-8
Waterproofing Under Surface Beds	4-8
The Following In Access Driveway, Etc..	4-9
Excavation Not Exceeding 2M Deep	4-9
Extra Over All Excavations For Loading, Carting And Dumping Surplus Excavated Material (No Allowance Made For Increase In Bulk):.	4-9

Filling Supplied By The Contractor Under Driveways	4-9
Rip And Re - Compact Insitu Material On Site Compacted To 93% Mod. Aashto Density:. . .	4-9
Prescribed Density Tests On Filling:	4-9
Approved Brand Of Anti-termite Soil Poison Applied By A Registered Pest Control Company And Guaranteed Against Termite Infestation For Ten Years:	4-9
150-175Mm Diameter Bollards	4-9
The Following In Stormwater Drainage, Aprons Etc..	4-9
Stormwater Aprons	4-9
Excavation Not Exceeding 2M Deep	4-9
Extra Over All Excavations For Loading, Carting And Dumping Surplus Excavated Material (No Allowance Made For Increase In Bulk):	4-10
Filling Supplied By The Contractor Under Floors, Aprons, Etc.	4-10
Coarse River Sand Filling Supplied By The Contractor:	4-10
Compaction Of Surfaces:	4-10
Prescribed Density Tests On Filling:	4-10
Reinforced 25Mpa/19mm Concrete:	4-10
Finishing Top Surfaces Of Concrete Smooth With A Wood Float:	4-10
Test Blocks:	4-10
Expansion Joints With Bitumen Impregnated Softboard Between Vertical Concrete Or Brick Surfaces:	4-10
Two-part Grey Polysulphide Sealing Compound Including Backing Cord, Bond Breaker, Primer, Etc	4-11
Fabric Reinforcement:	4-11
Waterproofing Under Surface Beds	4-11
The Following In Stormwater Dish Drain, Etc.	4-11
Excavation Not Exceeding 2M Deep	4-11
Extra Over All Excavations For Loading, Carting And Dumping Surplus Excavated Material (No Allowance Made For Increase In Bulk):	4-11
Filling Supplied By The Contractor Under Floors, Aprons, Channels Etc	4-11

Coarse River Sand Filling Supplied By The Contractor:	4-11
Compaction Of Surfaces:	4-11
Prescribed Density Tests On Filling:	4-11
Reinforced 25Mpa/19mm Concrete:	4-12
Finishing Top Surfaces Of Concrete Smooth With A Wood Float:	4-12
Test Blocks:	4-12
Expansion Joints With Bitumen Impregnated Softboard Between Vertical Concrete Or Brick Surfaces:	4-12
Two-part Grey Polysulphide Sealing Compound Including Backing Cord, Bond Breaker, Primer, Etc	4-12
Fabric Reinforcement:	4-12
The Following In Rainwater Tanks And Stands	4-12
Excavation In Earth Not Exceeding 2M Deep:	4-12
Extra Over All Excavations For Carting Away:	4-12
Risk Of Collapse Of Excavations:	4-12
Earth Filling Obtained From The Excavations And/or Prescribed Stock Piles On Site Compacted To 93% Mod Aashto Density:	4-12
Earth Filling (G7 Material) Supplied By The Contractor In Layers Not Exceeding 150Mm Thick And Compacted To 98% Mod Aashto Density:	4-12
Compaction Of Surfaces	4-13
25 Mpa/19mm Concrete	4-13
25 Mpa/19mm Concrete:	4-13
Test Blocks:	4-13
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:	4-13
Rough Formwork To Sides:	4-13
Allens Meshco Square Mesh Fabric Reinforcement:	4-13
Brickwork In Foundations.	4-13

Brickwork In Superstructure	4-13
Brickwork Reinforcement:	4-13
Face Brick	4-14
"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- purpos	4-14
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:	4-14
Plastic Water Tanks Etc:	4-14
The Following In Security Fencing, Etc	4-14
Site Clearance	4-14
Straining Wires, Fencing And Razor Wire:	4-14
Posts For 1 800Mm High Security Fence:	4-15
Padlocks	4-16
SECTION SUMMARY	4-18
SECTION NO. 5: PROVISIONAL SUMS	5-1
Bill No. 1	5-2
Provisional Sums	5-2
Supplementary Preambles	5-2
Provisional Sums And Budgetary Allowances Contained Herein May Be Omitted Or Reduced At The Employer's Discretion And The Contractor Shall Not Be Entitled To Claim For Any Loss By Way Of Reductions Or Omission Of Any Discount, Or Percentage Relating To Pr	5-2
Budgetary Allowances	5-2
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:	5-2
SECTION SUMMARY	5-3

SECTION NO. 1
PRELIMINARIES

SECTION NO. 1

PRELIMINARIES

BILL NO. 1

PRELIMINARIES

BILL No.1

PRELIMINARIES

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.
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.
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.
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.
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.
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.
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 No. 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

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

Carried to Collection

R

Section No. 1

Bill No. 1

Preliminaries

		Amount
	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
	<u>EXECUTION</u>	
	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).	
17	F: V: T:	Item
	Setting out of the works (Clause 18.3).	
	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.	
18	F: V: T:	Item
	Assignment (Clause 19).	
19	F: V: T:	Item
	Nominated subcontractors (Clause 20).	
20	F: V: T:	Item
	Selected subcontractors (Clause 21).	
21	F: V: T:	Item
	Employer's Direct contractors (Clause 22).	
22	F: V: T:	Item
	Contractor's Domestic subcontractors (Clause 23).	
23	F: V: T:	Item
	Carried to Collection	R
	Section No. 1	
	Bill No. 1	
	Preliminaries	

		Amount
<u>COMPLETION</u>		
	Practical completion (Clause 24).	
24	F: V: T:	Item
	Works completion (Clause 25).	
25	F: V: T:	Item
	Final completion (Clause 26).	
	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
<u>PAYMENT</u>		
	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.	
	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).	
	Carried to Collection	R
Section No. 1		
Bill No. 1		
Preliminaries		

30	F: V: T: Recovery of expense and loss (Clause 33).	Item	
31	F: V: T: Final account and final payment (Clause 34).	Item	
32	F: V: T: Payment to other parties (Clause 35).	Item	
33	F: V: T: <u>CANCELLATION</u> Cancellation by Employer - Contractor's default (Clause 36).	Item	
34	F: V: T: Cancellation by Employer - Loss and damage (Clause 37).	Item	
35	F: V: T: Cancellation by Contractor - Employer's default (Clause 38).	Item	
36	F: V: T: Cancellation - Cessation of the works (Clause 39).	Item	
37	F: V: T: <u>DISPUTE</u> Dispute Settlement (Clause 40)	Item	
38	F: V: T: <u>SUBSTITUTE PROVISIONS</u> State Clauses (Clause 41)	Item	
39	F: V: T: <u>CONTRACT VARIABLES</u> The Schedule: Pre-Tender information (Clause 42).	Item	
40	F: V: T: <u>CONTRACTING AND OTHER PARTIES (Clause 42.1)</u> 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		
		Carried to Collection	R
	Section No. 1 Bill No. 1 Preliminaries		

Telephone: 043 726 2255

Facsimile: 043 726 5967

Physical address: 67 Devereux Avenue, Vincent, East London

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.

Penalty amount will be 5,75c/R100 of Contract Sum.

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

Carried to Collection

R

Section No. 1

Bill No. 1

Preliminaries

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

With a deductible of : Not exceeding 5% of each and every claim.

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: Not exceeding 5% of each and every claim.

DOCUMENTS (Clause 42.4)

Clause 42.4.1

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

Clause 42.4.2

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:

DOCUMENTS (B2)

Checking of documents (B2.1)

Item

Carried to Collection

R

Section No. 1

Bill No. 1

Preliminaries

Amount

42	<p>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.</p> <p>F: V: T:</p>	Item	
	<p>Provisional Bills of Quantities (B2.2) YES</p> <p>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.</p>		
43	<p>F: V: T:</p> <p>Availability of construction documentation (B2.3)</p>	Item	
44	<p>F: V: T:</p> <p>Interests of Agents (B2.4)</p>	Item	
45	<p>F: V: T:</p> <p>Priced documents (B2.5)</p>	Item	
46	<p>F: V: T:</p> <p>Tender submission (B2.6)</p> <p>Notwithstanding anything contained in this clause, Tenders shall be valid for a period of 20 (Twenty) weeks from the closing date of tenders.</p>	Item	
47	<p>F: V: T:</p> <p><u>THE SITE (B3)</u></p> <p>Defined works area (B3.1)</p> <p>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.</p> <p>Workmen employed on the site are to be restricted to the immediate area of the site and access thereto.</p> <p>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.</p>	Item	
48	<p>F: V: T:</p> <p>Geotechnical investigation (B3.2)</p> <p>A desktop geotechnical report is available upon request.</p>	Item	
49	<p>F: V: T:</p> <p>Inspection of the Site (B3.3)</p>	Item	
	Carried to Collection	R	
<p>Section No. 1 Bill No. 1 Preliminaries</p>			

65	F: V: T:	Item	
<u>TEMPORARY WORKS AND PLANT (B6)</u>			
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	
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	
<u>TEMPORARY SERVICES (B7)</u>			
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).			
		Carried to Collection	R
Section No. 1			
Bill No. 1			
Preliminaries			

Amount

75	F: V: T: Ablution facilities (B7.5) The contractor shall provide toilet facilities on site for the works in accordance with: Alternative A (i.e. to be provided for by the Contractor).	Item	
76	F: V: T: <u>PRIME COST AMOUNTS (B8)</u> Responsibility for prime cost amounts (B8.1)	Item	
77	F: V: T: <u>ATTENDANCE ON N/S SUBCONTRACTORS (B9)</u> General Attendance (B9.1)	Item	
78	F: V: T: Special Attendance (B9.2)	Item	
79	F: V: T: Commissioning - fuel, water and power (B9.3)	Item	
80	F: V: T: <u>FINANCIAL ASPECTS (B10)</u> Statutory taxes, duties and levies (B10.1) Provision is made in the Final Summary of these Bills of Quantities for the inclusion of Value Added Tax (VAT).	Item	
81	F: V: T: Payment of Preliminaries (B10.2)	Item	
82	F: V: T: Adjustment of Preliminaries (B10.3)	Item	
83	F: V: T: Payment certificate cash flow (B10.4)	Item	
84	F: V: T: Contractor information supply (B10.5)	Item	
85	F: V: T: <u>GENERAL (B11)</u> Protection of the Works (B11.1)	Item	
86	F: V: T: Protection/isolation of existing/sectionally occupied works (B11.2)	Item	
	Carried to Collection	R	
Section No. 1 Bill No. 1 Preliminaries			

Amount

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	
	<u>SECTION C: SPECIFIC PRELIMINARIES</u>		
	<u>Section C: Specific Preliminaries:</u>		
	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		
	Carried to Collection	R	
	Section No. 1		
	Bill No. 1		
	Preliminaries		

	<p>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.</p>		
96	<p>F: V: T:</p> <p>C4. Overtime</p> <p>Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer.</p>	Item	
97	<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> <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.</p>	Item	
99	<p>F: V: T:</p>	Item	
<p>Section No. 1 Bill No. 1 Preliminaries</p>	<p>Carried to Collection</p>	<p>R</p>	<hr/>

Amount

	<p>C7. Labour record</p> <p>At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all subcontractors on the works each day.</p>		
100	<p>F: V: T:</p>	Item	
	<p>C8. Plant record</p> <p>At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.</p>		
101	<p>F: V: T:</p>	Item	
	<p>C9. Encroachment</p> <p>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.</p>		
102	<p>F: V: T:</p>	Item	
	<p>C10. Method Statement</p> <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>		
103	<p>F: V: T:</p>	Item	
	<p>C11. Unauthorised Persons/Workmen on Premises</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>		
104	<p>F: V: T:</p>	Item	
	<p>C12. Mode of Procedure</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 style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 Preliminaries</p>	<p>R</p>	<hr/> <hr/>

Amount

	<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>		
105	<p>F: V: T:</p>	Item	
	<p>C13. Location of Temporary Buildings and Temporary Services 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. 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>		
106	<p>F: V: T:</p>	Item	
	<p>C14. Office accommodation 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>		
107	<p>F: V: T:</p>	Item	
	<p>C15. Storage Facilities <u>The Contractor shall provide a Container for storage of materials.</u></p>		
108	<p>F: V: T:</p>	Item	
	<p>C16. Removal and Making Good of Temporary Works, etc, on Completion 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>		
109	<p>F: V: T:</p>	Item	
110	<p>SUB - TOTAL: FIXED ITEMS</p>	Item	
111	<p>SUB - TOTAL: VALUE - RELATED ITEMS</p>	Item	
112	<p>SUB - TOTAL: TIME - RELATED ITEMS</p>	Item	
	<p><u>SECTION 1</u></p>		
	<p>Carried to Collection</p>	R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

Amount

BILL NO. 1
PRELIMINARIES
COLLECTION

Page No

Brought Forward from Page

1-2

1-3

1-4

1-5

1-6

1-7

1-8

1-9

1-10

1-11

1-12

1-13

1-14

1-15

1-16

Carried To Section Summary

R

Section No. 1
Bill No. 1
Preliminaries

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 1</u> <u>PRELIMINARIES</u> <u>BILL NO. 2</u> <u>HEALTH AND SAFETY</u></p> <p><u>SECTION 1</u> <u>BILL No. 2</u> <u>HEALTH AND SAFETY</u> <u>MODEL PREAMBLES</u></p> <p>The tenderer is referred to the "Model Preambles for Trades 2008" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates.</p> <p><u>SUPPLEMENTARY PREAMBLES</u></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 & 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 & Safety Specifications.</p> <p>The costs included herein must incorporate Community Liaison Officer (CLO).</p> <p><u>OCCUPATIONAL HEALTH AND SAFETY</u></p> <p><u>General:</u></p> <p>1 Preparation of Contractor's site specific Health and Safety Plan.</p>				
	Item			
			Carried to Collection	R
<p>Section No. 1 Bill No. 2 Health And Safety</p>				

	Unit	Quantity	Rate	Amount
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	30		
7 Provision of first aid boxes.	No	1		
8 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	252		
9 Extra over mesh fence for pedestrian gate size 1.8 x 1,8m high.	No	2		
<u>Provision for Personal Protective Equipment and Protective Clothing:</u>				
10 Reflective vests.	No	30		
11 Hard hats.	No	30		
12 Protective foot wear.	No	30		
13 Ear Plugs.	No	30		
14 Dust Masks.	No	30		
<u>Costs of Medical Certificates and Medical Surveillance:</u>				
15 Initial (baseline) medical examinations.	No	30		
16 Exit Examinations.	No	30		
<u>Noise Monitoring:</u>				
17 Establishment of noise zones.	No	1		
18 Audiograms.	No	6		
<u>C16. Covid-19 Compliance Measures</u>				
19 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 No. 1				
Bill No. 2				
Health And Safety				

Amount

BILL NO. 2
HEALTH AND SAFETY
COLLECTION

Page No

Brought Forward from Page

1-18

1-19

Carried To Section Summary

R

Section No. 1
Bill No. 2
Health And Safety

Amount

SECTION NO. 1
PRELIMINARIES
SECTION SUMMARY

Bill No.

- 1 PRELIMINARIES
- 2 HEALTH AND SAFETY

Page

- 1-17
- 1-20

Carried to Final Summary

Section No. 1
SECTION SUMMARY

R

SECTION NO. 2
DEMOLITIONS

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 2</u> <u>DEMOLITIONS</u> <u>BILL NO. 1</u> <u>DEMOLITIONS</u></p> <p><u>SECTION 2</u> <u>BILL No. 1</u> <u>DEMOLITIONS</u> <u>MODEL PREAMBLES</u></p> <p>The tenderer is referred to the "Model Preambles for Trades 2008" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>View site</u></p> <p>Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used for demolition purposes unless otherwise stated.</p> <p><u>General</u></p> <p>Water supply pipes and other piping in ground that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings to the satisfaction of the principal agent.</p> <p>Unless otherwise described all materials are to become the property of the contractor and are to be removed from the site.</p>				
<p>Section No. 2 Bill No. 1 Demolitions</p>			<p>Carried to Collection</p>	<p>R</p>

	Unit	Quantity	Rate	Amount
2 Cart away rubble from demolitions and dispose off site.	Item			
3 Backfill existing hole with G7 fill material in max. 150mm layers and compact to 95% MOD AASHTO density.	m ³	188		
4 Allow for compaction tests by an approved laboratory to determine density of filling material.	No	10		
5 Provision of a certificate of safe disposal for asbestos.	Item			
<u>SUNDRIES</u>				
<u>Desludging</u>				
6 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	20		
7 Issue of Certificate of Waste Disposal.	Item			
Carried to Collection				
Section No. 2				
Bill No. 1				
Demolitions				
			R	

Amount

BILL NO. 1
DEMOLITIONS
COLLECTION

Page No

Brought Forward from Page

2-2

2-3

2-4

Carried To Section Summary

R

Section No. 2
Bill No. 1
Demolitions

Amount

SECTION NO. 2
DEMOLITIONS
SECTION SUMMARY

Bill No.

1 DEMOLITIONS

Page

2-5

Carried to Final Summary

Section No. 2
SECTION SUMMARY

R

SECTION NO. 3
BUILDINGS

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 3</u> <u>BUILDINGS</u> <u>BILL NO. 1</u> <u>EARTHWORKS (PROVISIONAL)</u></p> <p><u>SECTION 3</u> <u>BILL No. 1</u> <u>EARTHWORKS (PROVISIONAL)</u></p> <p><u>Quantity Split:</u> 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 - DWG 35 - Female Ablutions</p> <p><u>MODEL PREAMBLES</u> The tenderer is referred to the "Model Preambles for Trades 2008" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates</p> <p><u>SUPPLEMENTARY PREAMBLES</u> <u>Proprietary products in descriptions:</u> Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.</p> <p><u>Nature of material to be excavated:</u> The material to be excavated is assumed to be predominantly of a composition that will allow excavation in "earth" as specified, but including a percentage of excavation in "soft rock" and "hard rock".</p> <p><u>Carting away of excavated material:</u> Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations, or alternatively, from stock piles situated on the building site.</p>				
Carried to Collection			R	
Section No. 3 Bill No. 1 Earthworks (provisional)				

	Unit	Quantity	Rate	Amount
<u>Dewatering of excavations:</u>				
The Contractor shall allow for removing seepage and other water from subterranean sources from the excavations by pumping, baling or otherwise. Accurate records of all such dewatering shall be kept to determine the total volume of water so removed and a clear distinction shall be made between water from subterranean sources and other water				
<u>Density testing on filling:</u>				
Rates for filling, etc. shall include for all density and soil type testing to prove that the specified compaction is achieved. When additional testing is done on instruction of the Principal Agent and these tests are successful, they will be paid for additionally.				
<u>Imported fill:</u>				
"Filling and bedding to trenches etc. to be in compliance with SABS 1200 DB and LB respectively"				
<u>Classification of excavated material</u>				
"Hard rock" shall mean granite, quartzitic sandstone or other rock of similar hardness, the removal of which requires drilling, wedging and splitting or the use of explosives. "Soft rock" shall mean hard material, the removal of which warrants the use of pneumatic tools and includes hard shale, ferricite, compact outcrop and material of similar hardness. "Earth" shall mean all ground other than that classified as "hard rock" or "soft rock" and shall include made-up ground and any loose stones or pieces of concrete not exceeding 0,03m ³ in volume.				
<u>EXCAVATION OTHER THAN BULK</u>				
<u>Prescribed density tests on filling:</u>				
1	No	20		
Allow for compaction tests by an approved laboratory to determine density of filling material.				
<u>SOIL POISONING</u>				
<u>Approved brand of anti-termite soil poison applied by a Registered Pest Control company and guaranteed against termite infestation for ten years:</u>				
2	m ²	107		
Under floors, etc., including forming and poisoning shallow furrows against foundation walls, etc., filling in furrows and ramming.				
3	m ²	478		
To bottoms and sides of trenches, holes, etc.				
Carried to Collection				
Section No. 3				
Bill No. 1				
Earthworks (provisional)				
			R	

Amount

BILL NO. 1
EARTHWORKS (PROVISIONAL)
COLLECTION

Page No

Brought Forward from Page

3-2

3-3

Carried To Section Summary

R

Section No. 3
Bill No. 1
Earthworks (provisional)

Amount

BILL NO. 2
MASONRY
COLLECTION

Page No

Brought Forward from Page

3-5

3-6

Carried To Section Summary

R

Section No. 3
Bill No. 2
Masonry

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 3</u> <u>BUILDINGS</u> <u>BILL NO. 3</u> <u>CARPENTRY & JOINERY</u></p>				
<p><u>SECTION 3</u> <u>BILL No. 3</u> <u>CARPENTRY & JOINERY</u> <u>Quantity Split:</u> 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 - DWG 35 - Female Ablutions</p>				
<p><u>MODEL PREAMBLES</u> The tenderer is referred to the "Model Preambles for Trades 2008" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates</p>				
<p><u>SUPPLEMENTARY PREAMBLES</u> <u>FIXING</u> All nailing of timber roof rafters, purlins, etc shall be done with galvanised nails. In coastal areas, copper, aluminium or stainless steel nails shall be used.</p>				
<p><u>CARPENTRY</u> <u>Sawn softwood:</u></p>				
1	m	50		
<p><u>Sundries:</u></p>				
2	No	100		
<p><u>EAVES, VERGES, ETC</u> <u>"Everite Nutec" or equal approved fibre cement</u></p>				
3	m	34		
4	m	36		
Carried To Section Summary				
Section No. 3				
Bill No. 3				
Carpentry & Joinery				
			R	

	Unit	Quantity	Rate	Amount
<u>SIGN PLATES:</u>				
<u>All sign plates are to be with engraved blue perspex all in accordance with the standard sign plates for Schools.</u>				
3	No	7		
<u>Grade 304 stainless steel ware:</u>				
4	No	2		
5	No	2		
<u>Satin Grey Plastics or equal approved</u>				
6	No	8		
Carried to Collection				R
Section No. 3				
Bill No. 4				
Ironmongery				

Amount

BILL NO. 4
IRONMONGERY
COLLECTION

Page No

Brought Forward from Page

3-9

3-10

Carried To Section Summary

R

Section No. 3
Bill No. 4
Ironmongery

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 3</u> <u>BUILDINGS</u> <u>BILL NO. 5</u> <u>METALWORK</u></p> <p><u>SECTION 3</u> <u>BILL No. 5</u> <u>METALWORK</u> <u>Quantity Split:</u></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 - DWG 35 - Female Ablutions</p> <p><u>MODEL PREAMBLES</u></p> <p>The tenderer is referred to the "Model Preambles for Trades 2008" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>The Contractor is to check and verify on site that the item specified in the BoQ matches existing prior to placing orders. Additional costs will not be borne by the client for items that do not match existing and are not approved by the Principal Agent</p> <p><u>HOT DIP GALVANIZED STEEL GATES</u></p> <p><u>Note: The contractor is to check on site measurements before placing of order.</u></p> <p><u>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:</u></p>				
1	No	4		
2	No	1		
Carried To Section Summary				R
Section No. 3				
Bill No. 5				
Metalwork				

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 3</u> <u>BUILDINGS</u> <u>BILL NO. 6</u> <u>PLASTERING</u></p>				
<p><u>SECTION 3</u> <u>BILL No. 6</u> <u>PLASTERING</u> <u>Quantity Split:</u> 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 - DWG 35 - Female Ablutions</p>				
<p><u>MODEL PREAMBLES</u> The tenderer is referred to the "Model Preambles for Trades 2008" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates</p>				
<p><u>SCREEDS</u> <u>Untinted granolithic, on concrete:</u></p>				
1		30mm Thick on floors and landings.	m ²	52
<p><u>Skirtings</u></p>				
2		75mm High covered granolithic skirting.	m	34
<p><u>INTERNAL PLASTER (PIT WALLS)</u> <u>15mm thick of 1:4 sand cement plaster with Coprox masonry waterproofing or equal approved waterproof cement additive. Add 2.5kg Coprox waterproof cement additive for every 50kg of cement used in plaster mix</u></p>				
3		On walls.	m ²	10
Carried To Section Summary				R
Section No. 3 Bill No. 6 Plastering				

	Unit	Quantity	Rate	Amount
8	No	16		
<u>WASTE UNIONS ETC</u>				
<u>Outlets, traps, etc:</u>				
9	No	1		
10	No	13		
11	No	13		
<u>SANITARY FITTINGS</u>				
<u>Rust and corrosion resistant, UV-resistant polyethylene pedestals, urinals, basins, etc. Product and colour to Principal Agent's approval:</u>				
12	No	5		
13	No	8		
14	No	3		
<u>Vaal or equal approved:</u>				
15	No	1		
16	No	13		
<u>Franke Model TU101 or equal approved flush valve/cistern flat back wall mounted urinal:</u>				
17	No	2		
Carried to Collection				
Section No. 3				
Bill No. 7				
Plumbing And Drainage (provisional)				
			R	

		Unit	Quantity	Rate	Amount
<u>Reducing fittings:</u>					
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.					
<u>Class 10 Polycop pipes:</u>					
25	15mm Pipe chased into brick walls.	m	117		
26	22mm Pipe chased into brick walls.	m	50		
<u>Extra over polycop pipes for compression fittings:</u>					
27	15mm Fittings.	No	86		
28	22mm Fittings.	No	53		
Carried to Collection					R
Section No. 3					
Bill No. 7					
Plumbing And Drainage (provisional)					

Amount

BILL NO. 7
PLUMBING AND DRAINAGE (PROVISIONAL)
COLLECTION

Page No

Brought Forward from Page

3-14
3-15
3-16
3-17

Carried To Section Summary

R

Section No. 3
Bill No. 7
Plumbing And Drainage (provisional)

	Unit	Quantity	Rate	Amount
<p><u>SECTION NO. 3</u> <u>BUILDINGS</u> <u>BILL NO. 8</u> <u>PAINTWORK</u></p> <p><u>SECTION 3</u> <u>BILL No. 8</u> <u>PAINTWORK</u> <u>Quantity Split:</u> 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 - DWG 35 - Female Ablutions</p> <p><u>MODEL PREAMBLES</u> The tenderer is referred to the "Model Preambles for Trades 2008" for supplementary and comprehensive expansion of descriptions, appropriate provision for which shall be deemed to have been included in all relevant rates</p> <p><u>SUPPLEMENTARY PREAMBLES</u> <u>Trade Names</u> Where trade names are specified it will read "or equal approved" <u>Epoxy paint</u> The product and its methodology for application must be approved by Principal Agent before it is used. Contractor must prepare a 1m x 1m sample in the presence of the Principal Agent. In this case, the Contractor must give at least 48 hours notice prior to the date when the application of the epoxy paint is intended to be done. Contractor to provide a Letter of Compliance confirming that epoxy paint has been applied as per Manufacturer's instructions and data sheet. Proof of payment for the epoxy paint must be provided to the Principal Agent once approval has been granted.</p> <p><u>PAINTWORK ETC TO NEW WORK</u> <u>Prepare and apply two coats carbolenium on:</u></p>				
1	m ²	16		
			Carried to Collection	R
			Section No. 3 Bill No. 8 Paintwork	

	Unit	Quantity	Rate	Amount
<u>ON FIBRE-CEMENT</u>				
<u>Prepare and apply two coats pure acrylic roof paint on:</u>				
2 On fascias and barge boards.	m ²	18		
<u>ON PVC VENT PIPE</u>				
<u>Prepare and apply two coats black PVA paint:</u>				
3 Vent Pipes	m ²	68		
Carried to Collection				
Section No. 3				
Bill No. 8				
Paintwork				
			R	

Amount

BILL NO. 8
PAINTWORK
COLLECTION

Page No

Brought Forward from Page

3-19

3-20

Carried To Section Summary

R

Section No. 3
Bill No. 8
Paintwork

Amount

SECTION NO. 3

BUILDINGS

SECTION SUMMARY

Bill No.

Bill No.		Page
1	EARTHWORKS (PROVISIONAL)	3-4
2	MASONRY	3-7
3	CARPENTRY & JOINERY	3-8
4	IRONMONGERY	3-11
5	METALWORK	3-12
6	PLASTERING	3-13
7	PLUMBING AND DRAINAGE (PROVISIONAL)	3-18
8	PAINTWORK	3-21

Carried to Final Summary

Section No. 3
SECTION SUMMARY

R

SECTION NO. 4
EXTERNAL WORKS

	Unit	Quantity	Rate	Amount
<u>Surface Preparation:</u>				
6				
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.	m ²	269		
<u>Prescribed density tests on filling:</u>				
7				
Modified AASHTO Density test.	No	10		
<u>THE FOLLOWING IN WALKWAYS</u>				
<u>Excavation not exceeding 2m deep</u>				
8				
Reducing levels and depositing excavated material in prescribed stock piles on site.	m ³	14		
<u>Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):</u>				
9				
Off site to a dumping site to be found by the Contractor.	m ³	9		
<u>Filling supplied by the contractor under walkways</u>				
10				
G7 Base course material compacted to 98% Mod AASHTO density	m ³	6		
11				
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.	m ³	6		
<u>Rip and Re - compact insitu material on site compacted to 93% Mod. AASHTO density:</u>				
12				
Under floors,etc.	m ²	60		
<u>Prescribed density tests on filling:</u>				
13				
In-situ dry density test.	No	10		
<u>Approved brand of anti-termite soil poison applied by a Registered Pest Control Company and guaranteed against termite infestation for ten years:</u>				
14				
Treat filling under paving with 'Chlordane Heptachlor Aldrin' or equal approved.	m ²	210		
Carried to Collection			R	
Section No. 4				
Bill No. 1				
External Works (provisional)				

	Unit	Quantity	Rate	Amount
<u>Concrete Paving Blocks</u>				
<u>Paving of 60mm thick 200x100mm 25MPa Bevel Bond paver blocks grey in colour in herringbone pattern on and including 20mm thick sand bed with dry filler sand swept and vibrated into joints all laid on subgrade (elsewhere measured) conforming to SABS 1200D degree of accuracy I:</u>				
15	m ²	120		
16	m	30		
17	m	16		
<u>Kerbing</u>				
<u>Precast or in situ mass concrete (25 MPa - 19 mm stone) kerbs cast in convenient lengths with exposed faces finished smooth from the mould and all salient angles rounded, jointed and pointed in 1:3 cement mortar, including excavations, formwork, etc.</u>				
18	m	105		
19	m	28		
20	m	16		
21	m	8		
<u>THE FOLLOWING IN ONE BRICK WALL (GARDEN WALL)</u>				
<u>Excavation in earth not exceeding 2m deep:</u>				
22	m ³	15		
<u>Extra over all excavations for carting away:</u>				
23	m ³	10		
<u>Risk of collapse of excavations:</u>				
24	m ²	45		
Carried to Collection			R	
Section No. 4				
Bill No. 1				
External Works (provisional)				

	Unit	Quantity	Rate	Amount
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% MOD AASHTO density:</u>				
25	m ³	5		
<u>Earth filling (G7 material) supplied by the contractor in layers not exceeding 150mm thick and compacted to 98% Mod AASHTO density:</u>				
26	m ³	8		
<u>Compaction of surfaces</u>				
27	m ²	30		
<u>25 Mpa/19mm Concrete</u>				
28	m ³	4		
<u>Test blocks:</u>				
29	No	4		
<u>Reinforcement (Provisional)</u>				
30	Tonnes	1		
<u>BRICKWORK IN FOUNDATIONS.</u>				
Brickwork of NFX bricks (14 MPa nominal compressive strength) in Class I mortar (Cement to be 42.5N all-purpose cement):				
31	m ²	24		
<u>BRICKWORK IN SUPERSTRUCTURE</u>				
Brickwork of NFP bricks (14 MPa nominal compressive strength) in Class II mortar (Cement to be 42.5N all-purpose cement):				
32	m ²	30		
<u>Brickwork reinforcement:</u>				
33	m	105		
34	m	84		
Carried to Collection			R	
Section No. 4				
Bill No. 1				
External Works (provisional)				

	Unit	Quantity	Rate	Amount
<p><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></p>				
41	m	225		
42	No	8		
43	No	12		
<p><u>Sundries:</u></p>				
44	m	70		
45	m	40		
<p><u>THE FOLLOWING IN DISABLED ACCESS</u></p>				
<p><u>ACCESS RAMPS</u></p>				
<p><u>Excavation not exceeding 2m deep</u></p>				
46	m ³	6		
<p><u>Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):</u></p>				
47	m ³	6		
<p><u>Filling supplied by the contractor under floors, aprons, etc</u></p>				
48	m ³	2		
			Carried to Collection	R
Section No. 4				
Bill No. 1				
External Works (provisional)				

	Unit	Quantity	Rate	Amount
<u>Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):</u>				
69	Off site to a dumping site to be found by the Contractor.	m ³	12	
<u>Filling supplied by the contractor under floors, aprons, etc</u>				
70	G7 Base course material compacted to 98% Mod AASHTO density	m ³	6	
71	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.	m ³	6	
<u>Coarse river sand filling supplied by the contractor:</u>				
72	Under floors etc.	m ³	1	
<u>Compaction of surfaces:</u>				
73	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.	m ²	58	
<u>Prescribed density tests on filling:</u>				
74	In-situ dry density test.	No	4	
<u>Reinforced 25Mpa/19mm Concrete:</u>				
75	Surface beds cast in panels on waterproofing.	m ³	14	
76	Edge thickening	m ³	2	
<u>Finishing top surfaces of concrete smooth with a wood float:</u>				
77	Surface beds, slabs, etc to falls and currents.	m ²	58	
<u>Test blocks:</u>				
78	Making and testing of 150x150x150mm concrete strength test cubes (Provisional).	No	8	
<u>Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:</u>				
79	12mm Joints not exceeding 300mm high.	m	96	
Carried to Collection			R	
Section No. 4				
Bill No. 1				
External Works (provisional)				

		Unit	Quantity	Rate	Amount
	FACE BRICK				
	<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>				
112	Extra over brickwork for face brickwork externally.	m ²	36		
	<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>				
113	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		
	<u>Plastic water tanks etc:</u>				
114	5000 Litre roto molded or equal approved plastic 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	5		
115	Hole top of tank for 100mm pipe.	No	5		
	<u>THE FOLLOWING IN SECURITY FENCING, ETC</u>				
	<u>Site clearance</u>				
116	Allow for clearing site for the width of 1 000 mm where fencing is to be erected including removing trees, shrubs etc. not exceeding 200 mm girth, grubbing up roots and roughly levelling.	m ²	58		
	<u>Straining wires, fencing and razor wire:</u>				
117	Four strands of 4mm Class'A' galvanised straining wires secured to fencing posts with doubled 2 mm galvanised wire inserted through hole in post and turned a minimum of four turns around straining wire and attached to straining frame at one end with not less than four turns at the other end to straining bolts (elsewhere measured).	m	112		
118	3 Strands of galvanised barbed wire tied to standards, posts and eye bolts	m	112		
	Carried to Collection				R
	Section No. 4				
	Bill No. 1				
	External Works (provisional)				

		Unit	Quantity	Rate	Amount
119	Fencing formed of 50 x 50 x 2.0mm diameter galvanised fencing 1 800mm high and fixed to each straining wire with 8 guage binding wire at 500mm centres including Y12 pegs at 900mm c/c between posts (straining wires elsewhere measured).	m	112		
	<u>Posts for 1 800mm high security fence:</u>				
120	60mm Diameter galvanised steel intermediate fencing post 1800mm long fitted with a pressed steel mushroom cap one end and 150 x 150 x 5 mm baseplate at bottom and embedded in and including 350 x 350 x 600 mm mass concrete (15 MPa) base.	No	38		
121	100mm Ditto as corner post, fitted with two 50mm diameter galvanised steel stay set raking and with top end flattened and bolted through post, with post and stay both embedded in mass concrete (15 MPa) bases as last.	No	4		
122	150mm Ditto as gate post 1 800mm long, fitted with two 50mm diameter galvanised steel stay set raking and with top end flattened and bolted through post, with post and stay both embedded in mass concrete (15 MPa) bases as last.	No	4		
123	12mm Diameter galvanised mild steel straining eye bolt with hook, threaded portion and two nuts and washers.	No	130		
124	Form 12mm diameter hole through fence post.	No	130		
	<u>Gates:</u>				
125	Security fence single gate, size 1 000 mm wide x 1 800 mm high, formed of 50 mm diameter nominal bore x 3,25 mm wall thickness hot dip galvanised mild steel pipe framing all round with mitred and welded angles and cross braces mullion and transome, scribed and welded into angles and at cross intersections, with two 50 mm diameter nominal bore x 3,25 mm wall thickness security posts each 600 mm long with one end welded to top rail of gate and closure plate to other end, the gate covered with 100 x 50 x 2,5 mm weld mesh with four straining wires as before described and with four 2,37 mm four point core diameter single "kampeon" wires with crimped droppers to security posts as before described; including three strands flat wrap razor barbed tape wire fixed as before described, leaf fitted with three 24 mm diameter x 300 mm long eyebolt hinges and stops including all holes, etc., welded or bolted to adjoining galvanised gatepost with and including 500 mm long approved chain spot welded to gate	No	1		
	Carried to Collection				R
	Section No. 4				
	Bill No. 1				
	External Works (provisional)				

Amount

BILL NO. 1
EXTERNAL WORKS (PROVISIONAL)
COLLECTION

Page No

Brought Forward from Page

4-2

4-3

4-4

4-5

4-6

4-7

4-8

4-9

4-10

4-11

4-12

4-13

4-14

4-15

4-16

Carried To Section Summary

R

Section No. 4
Bill No. 1
External Works (provisional)

Amount

SECTION NO. 4
EXTERNAL WORKS
SECTION SUMMARY

Bill No.

1 EXTERNAL WORKS (PROVISIONAL)

Page

4-17

Carried to Final Summary

Section No. 4
SECTION SUMMARY

R

SECTION NO. 5
PROVISIONAL SUMS

Amount

SECTION NO. 5
PROVISIONAL SUMS

SECTION 5
BILL No. 1

PROVISIONAL SUMS

SUPPLEMENTARY PREAMBLES

Tenderers are advised that no claim in respect of loss of profit or Preliminary charges based on the omission of these amounts will be considered and the said amounts will be omitted strictly without any financial compensation payable to the Contractor.

Provisional sums and Budgetary allowances contained herein may be omitted or reduced at the Employer's discretion and the Contractor shall not be entitled to claim for any loss by way of reductions or omission of any discount, or percentage relating to Provisional amounts and Budgetary sums or any loss of profit related thereto.

BUDGETARY ALLOWANCES

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:

1	Provide the sum of R140 000.00 for any repair work that may need to be done on existing work.	Prov Sum	140 000 00
2	Provide the sum of R13 000.00 for the employment of a Community Liaison Officer to be employed by the Main Contractor and be paid an allowance of R6 500.00 a month for the duration (2 months)	Prov Sum	13 000 00
3	Add: Mark-up	Item	

Carried to Final Summary

R

Section No. 5
 Bill No. 1
 Provisional Sums

Section No.	<u>FINAL SUMMARY</u>	Page	Amount	
1	PRELIMINARIES	1-21		
2	DEMOLITIONS	2-6		
3	BUILDINGS	3-22		
4	EXTERNAL WORKS	4-18		
5	PROVISIONAL SUMS	5-2		
	ADD: CONTINGENCIES			
	Allow the Amount of R72 000.00 (Seventy Two Thousand Rands) for contingencies, to be used by the Principal Agent in terms the Principal Building Agreement.			72 000 00
	SubTotal excluding Value Added Tax			
	ADD VAT @ 15%:			
	Carried to Tender		R	
	FINAL SUMMARY			