

Items	<u>REPAIRS, ALTERATIONS & ADDITIONS AT</u> <u>MUZEINBERG HERITAGE STATION</u>	UNIT	QTY	RATE	AMOUNT
1	<u>SECTION NO.1</u> <u>BILL NO.1</u> <u>PRELIMINARIES AND GENERAL</u> P's &G"s <u>SECTION NO. 2</u> <u>BILL NO. 1</u> <u>ALTERATIONS</u> <u>PREAMBLES</u> not necessarily full and complete and reference must be made to the "Standard Preambles To All Trades", "Supplementary Preambles" and "Supplementary Specifications" to this contract for the full requirements of each scheduled item <u>REMOVAL OF EXISTING WORK</u> Temporary roof protection, etc. including removal: <u>Contractors will be held responsible for all damages, however caused, to ceilings, finishes, etc. inside rooms where the existing roof coverings have been removed and he must make good all damages at his own expense to the approval of the Principal Agent</u> Cover and maintain existing roofs in a perfectly watertight condition during alterations by means of heavy tarpaulins properly secured and maintained in position to the approval of the Principal Agent and make good all work damaged or distributed after	Item	1		
1	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>	m ²	93	R	-

2	Carefully take out and removed damaged Natural grey stone slate covering including sisalation, and preparing existing purlins to receive new sheeting (new sheeting elsewhere measured)	m ²	260	R	-
3	Carefully take out and removed damaged Wooden barge flashing	m	200	R	-
4	Timber plasterboard ceilings including cornices, timber bandering, etc.	m ²	260	R	-
5	Acoustic tile suspended ceilings, including cornices, suspension grid, hangers, etc.	m ²	145	R	-
	<u>Carefully take out and remove gutters and downpipes etc.</u>				
6	Existing metal box gutter	m	59	R	-
7	Existing 110mm metal downpipes including outlet, bends & shoe	m	41	R	-
	<u>Take out and remove doors, windows etc from brickwork to remain including making good cement plaster on both sides</u>				
8	Timber single door from wooden frame to remain, door size 813 x 2032mm high overall	No	6	R	-
9	Timber single door and wooden frame 813 x 2032mm high overall	No	26	R	-
10	Timber double door and wooden frame 1613 x 2032mm high overall	No	7	R	-
	<u>Hacking up/off and removing carpet floor and Vynl including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u>				
11	Carpert to floors	m ²	130	R	-
12	200mm High tiles skirting to walls	m	100	R	-
13	Tiles to walls	m ²	125	R	-

	<u>Take out and remove piping, sanitary fittings, etc., including disconnecting piping from fittings and make good floor and wall finishes</u>				
14	Vitreous china wash hand basin, including short lengths of piping, etc	No	6	R	-
15	Anti-Vandal WC pan with cistern, including short lengths of piping, etc	No	6	R	-
16	Anti-Vandal urinals, including short lengths of piping, etc	No	4	R	-
17	Stainless steel sink and drainer on timber cupboard approximate size 2500 x 600 x 900mm high and including short lengths of piping, etc.	No	5	R	-
18	10 Litre Hydroboil including short lengths of piping, etc.	No	1	R	-
	<u>Taking out and removing ironmongery</u>				
19	Toilet paper holder from wall	No	6	R	-
20	Soap dispenser	No	4	R	-
21	Toilet paper holder from wall	No	4	R	-
22	Sanitary bin	No	4	R	-
23	WC indicator bolt	No	4	R	-
24	Mortice lock	No	5	R	-
25	Door handles	No	10	R	-
	<u>Taking out and removing sundry joinery work, fittings, etc</u>				
26	Timber kitchen floor cupboard 3600 x 600 x 900mm high including work top	No	2	R	-
27	Timber floor cupboard 1630 x 600 x 900mm high including work top	No	1	R	-

28	Timber floor cupboard 2050 x 600 x 900mm high including work top	No	1	R	-
29	Timber floor cupboard 2620 x 600 x 900mm high including work top	No	1	R	-
30	Timber floor cupboard 3000 x 600 x 900mm high including work top	No	1	R	-
<u>PREPARATORY WORK TO EXISTING PLASTER SURFACES</u>					
	Making good cement plaster				
31	Chase out existing damaged plaster from walls, apply "Sika Plasterstik" or similar approved bonding agent to manufacturer's specifications and re-plaster walls with 1:4 cement mortar, including floating up smooth or textured plaster to match existing	m ²	100	R	-
<u>REPAIR WORK TO EXISTING</u>					
<u>Blockwork/brickwork stitching repair</u>					
	Surface Preparation:1) Rake out crack. Remove all debris/loose material2) Stitch crack in blockwork/brickwork with r8 reinforcing rods. 3) R8 reinforcing rods are to be 300mm long with 50mm bends at both ends - total length = 400mm.4) R8 reinforcing rods are to be epoxy grouted with 'Prostruct 617 general purpose epoxy adhesive' or similar approved at 250mm centres, and grouted into (10mm deep) slots cut into blockwork/brickwork and with (60mm deep) 10mm diameter. drill holes at each end to accommodate the bends of the reinforcing rods.5) All slots and drill holes to be completely filled with epoxy adhesive. 6) All slots to be cut perpendicular to the crack in the blockwork/brickwork.7) Epoxy adhesive application to be as per manufacturers' specifications.8) Apply 'sika plasterstik' and re-plaster wall, however if large areas of plaster has been removed, 450mm wide 'chicken wire mesh' must be 'tacked on' over the cracked area prior to re-plastering.9) Re-paint plaster as per specification.				

32	230mm Brick walls	m ²	25	R	-
<u>PREPARATORY WORK TO EXISTING SURFACES</u>					
33	Carefully take out and remove worn out and damaged roofing drive screws or hook bolts and replace with new heavy duty, hot dipped galvanised fixings with self sealing polypropylene washers and seals . fixings per square meter on roofing)	m ²	522	R	-
34	Pressure clean down external facebrick walls and seal with an approved sealer	m ²	420	R	-
35	Making good to defects in concrete floors with "Sika" or other approved	m ²	58	R	-
<u>SERVICING OF EXISTING</u>					
36	Servicing of existing single steel gate size 900 x 2100mm high	No	10	R	-
37	Servicing of existing double steel gate size 1650 x 2600mm high	No	7	R	-
38	Servicing of existing timber single door size 900 x 2600mm high	No	26	R	-
39	Service existing wooden windows	m ²	112	R	-
<u>OPENINGS THROUGH EXISTING WALLS ETC</u>					
Altering openings					
40	Altering opening in one brick wall where 600 x 1200mm high bulletproof window removed to form opening for new bulletproof window and frame 600 x 1370mm high overall by breaking out brickwork on both sides and bottom, including making good cement plaster on one side and into reveals and face brickwork on other side and into reveals and with 20 MPa concrete threshold with steel trowelled finish (new bulletproof glass and frame and making good paintwork elsewhere)	No	1	R	-

SUB-TOTAL - ALTERATIONS				R	-
<u>BILL NO. 2</u>					
<u>EARTHWORKS (PROVISIONAL)</u>					
<u>SUPPLEMENTARY PREAMBLES</u>					
Nature of ground					
The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "hard rock" or "soft rock"					
Carting away of excavated material					
Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site					
<u>EARTHWORKS</u>					
<u>EXCAVATION, FILLING, ETC</u>					
<u>Excavation in earth not exceeding 2m deep</u>					
41	Reduced levels under floors	m ³	2	R	-
<u>Extra over bulk excavations in earth for breaking up and removing</u>					
42	Unreinforced concrete	m ³	3	R	-
<u>Extra over all excavations for carting away</u>					
43	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	2	R	-
<u>Keeping excavations free of water</u>					
44	Keeping excavations free of all water other than subterranean water	Item	1	R	-

	<u>Imported G5 commercial material supplied by the contractor, compacted to 95% Mod AASHTO</u>				
45	Under floor, ramps etc	m ³	1	R	-
	<u>Compaction of surfaces</u>				
46	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 98% Mod AASHTO density	m ²	20	R	-
	<u>Prescribed density tests on filling</u>				
47	Modified AASHTO density test	No	1	R	-
	<u>SOIL POISONING</u>				
48	Soil insecticide Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming.	m ²	20	R	-
SUB-TOTAL - EARTHWORKS				R	-
<u>BILL NO. 3</u>					
<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>					
<u>PREAMBLES</u>					
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<u>SUPPLEMENTARY PREAMBLES</u>					
Cost of tests					

The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the Engineer. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the Engineer. (Test cubes are measured separately)

Breeze concrete

Breeze concrete shall consist of twelve parts clean dry furnace ash, free from coal or other foreign matter, to one part cement (1:12); the ash graded up to particles which will pass a 16,5mm ring from a minimum which fails to pass a 4,75mm mesh. The finer materials from the screening are to be first mixed with the cement into a mortar and the ash added afterwards and thoroughly incorporated

Lightweight concrete

Lightweight concrete shall have a density of 600kg/m³ for the top 50mm and 400kg/m³ for the remaining thickness. The minimum thickness at outlets, channels, etc. shall be 50mm

Formwork

Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use

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

	<p>Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks".</p> <p>Formwork to soffits of solid, etc. shall be deemed to be slabs not exceeding 250mm thick unless otherwise described and propping not exceeding 3,5m high unless otherwise stated. Formwork to walls and columns is not exceeding 3,5m high above bearing level unless otherwise stated.</p>					
	<u>REINFORCED CONCRETE</u>					
49	25MPa/19mm concrete Ramps including thickening (Provisional)	m ³	10		R	-
	<u>TEST BLOCKS</u>					
50	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	6		R	-
	<u>CONCRETE SUNDRIES</u>					
51	Finishing top surfaces of concrete to an evenly ribbed non-slip surface Ramps to falls	m ²	20		R	-
	<u>REINFORCEMENT (PROVISIONAL)</u>					
52	Fabric reinforcement Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m ²	20		R	-
SUB-TOTAL - CONCRETE, FORMWORK AND REINFORCEMENT					R	-
<u>BILL NO. 4</u>						
<u>ROOF COVERING</u>						
<u>PREAMBLES</u>						

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SUPPLEMENTARY PREAMBLES

PROFILED METAL SHEETING AND ACCESSORIES

Natralite IBR Polycarbonate sheeting clear 3600mm in single lengths and accessories with "Colourplus" colour coated finish on one side and a Pebble Grey backing coat fixed to steel purlins in strict accordance with the manufacturer's recommendations

53	Repair Roof covering with pitch not exceeding 25 degrees	m ²	95	R	-
54	Extra over roof sheeting for Ticket verifications excess	m ²	55	R	-
<u>Sundries</u>					
55	Designed wooded Barge flashing 660mm girth	m	100	R	-
56	Fascia flashing 550mm girth	m	59	R	-

SUB-TOTAL - ROOF COVERING				R	-
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BILL NO. 5

CARPENTRY AND JOINERY

PREAMBLES

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WROUGHT MERANTI DOORS

Solid meranti door framed and ledged

57	44mm Door size 813 x 2032mm high hung to Wooden frames	No	10	R	-
58	44mm Door size 1613 x 2032mm high hung to Wooden frames	No	7	R	-

FLUSH DOORS

Solid core flush doors with Sapele veneer covering on both sides and hard wood edging strips on vertical sides.

59	44mm Door size 813 x 2032mm high hung to wooden frames	No	1	R	-
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Semi-solid core flush doors with Sapele veneer covering on both sides and hard wood edging strips on vertical sides.

60	44mm Door size 813 x 2500mm high hung to Wooden frames with glass frame on top	No	5	R	-
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61	Extra over door 813 x 2032mm high overall for cutting and forming opening approximately 400 x 400mm high.	No	2	R	-
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EXTERNAL ANTI-BANDIT DOOR

"Mutual Safes" or other equally approved Level G3 bullet resistant Anti-bandit door, complete with 100 x 50 x 3mm gauge mild steel rectangular frame and 25 x 25 x 3mm MS angle rebates, overall size 930 x 2100mm high in powder coating and or galvanised cladding with peep hole, supplied with a 6 pin tumbler key system, mortice dead lock with an additional heavy duty magnetic lock and striker including key switch and surface mounted casing, 6 Amp power supply, push buttons and interlock system, heavy duty aluminium continuous hinge, aluminium slam bar with heavy duty door closer and D-style pull handles. Door to comply to SABS 1658-1996

62	930 x 2100mm high hung to steel frames	No	2	R	-
<u>JOINERY, CUPBOARDS & WORKTOPS</u>					
Existing Protection Services Staff Office					
Floor unit made of work top formed of 40mm formica work top with bull nose, white in colour, and white melamine carcass with vancouver maple melamine for cupboard doors & drawer, edge strips to comply to SABS 540, complete with concealed hinges on all cupboard doors and 106 x 30mm pull handle chrome finish (code: TS2129MC), handle by "Roco" or similar approved. Unit to be fixed to floor and wall as per supplier recommendation. Overall size of the unit 1800mm long x 600mm wide x 900mm high. Unit comprises cut out for single / double bow sink drop in (sink supplied by others), base, three (3) doors and one (1) drawer. Tenderer are required to refer to Prasa Blue print drawings for reference details and specification prior to pricing.					
63		No	1	R	-
Wall shelf unit made of white melamine carcass with vancouver maple melamine for cupboard doors, edge strips to comply to SABS 540, complete with concealed hinges on all cupboard doors and 106 x 30mm pull handle chrome finish (code: TS2129MC), handle by "Roco" or similar approved. Wall unit to be mounted on wall as per supplier recommendation. Overall size of the the unit 3330mm long x 300mm wide x 800mm high. Unit comprises three (3) doors and three (3) open shelf. Tenderer are required to refer to Prasa Blue print drawings for reference and specification prior to pricing.					
64		No	1	R	-
Existing Protection Services Staff Office					

65	<p>Wall shelf unit made of white melamine carcass with vancouver maple melamine for cupboard doors, edge strips to comply to SABS 540, complete with concealed hinges on all cupboard doors and 106 x 30mm pull handle chrome finish (code: TS2129MC), handle by "Roco" or similar approved. Wall unit to be mounted on wall as per supplier recommendation. Overall size of the unit 1800mm long x 600mm wide x 800mm high. Unit comprises one (1) door and one (1) open shelf. Tenderer are required to refer to Prasa Blue print drawings for details and specification prior to pricing.</p>	No	1		R -
66	<p>Floor unit made of work top formed of 40mm formica work top with bull nose, white in colour, and white melamine carcass with vancouver maple melamine for cupboard doors & drawer, edge strips to comply to SABS 540, complete with concealed hinges on all cupboard doors and 106 x 30mm pull handle chrome finish (code: TS2129MC), handle by "Roco" or similar approved. Unit to be fixed to floor and wall as per supplier recommendation. Overall size of the unit 1800mm long x 600mm wide x 900mm high. Unit comprises cut out for single / double bow sink drop in (sink supplied by others), base, three (3) doors and one (1) drawer. Tenderer are required to refer to Prasa blue print drawings for details and specification prior to pricing.</p>	No	1		R -
67	<p>Existing Staff Room</p> <p>Wall shelf unit made of white melamine carcass with vancouver maple melamine for cupboard doors, edge strips to comply to SABS 540, complete with concealed hinges on all cupboard doors and 106 x 30mm pull handle chrome finish (code: TS2129MC), handle by "Roco" or similar approved. Wall unit to be mounted on wall as per supplier recommendation. Overall size of the unit 2115mm long x 600mm wide x 800mm high. Unit comprises two (2) door and one (1) open shelf. Tenderer are required to refer to Prasa Blue print drawings for details and specification prior to pricing.</p>	No	1		R -

68	<p>Floor unit made of work top formed of 40mm formica work top with bull nose, white in colour, and white melamine carcass with maple melamine for cupboard doors & drawer, edge strips to comply to SABS 540, complete with concealed hinges on all cupboard doors and 106 x 30mm pull handle chrome finish (code: TS2129MC), handle by "Roco" or similar approved. Unit to be fixed to floor and wall as per supplier recommendation. Overall size of the unit 2215mm long x 600mm wide x 900mm high. Unit comprises cut out for single / double bow sink drop in (sink supplied by others), base, three (3) doors and one (1) drawer. Tenderer are required to refer to Prasa blue print drawings for details and specification prior to pricing.</p>	No	1		R	-
	Existing Ticket Offices					
69	<p>Floor unit made of work top formed of 32mm "Rustenberg" granite work top with bull nose. Work top to be fixed on to wall bracket as per supplier recommendation. Overall size of unit 1630mm long x 600mm wide. Tenderer are required to refer to Prasa blue print drawings for details and specification prior to pricing.</p>	No	1		R	-
70	<p>Floor unit made of work top formed of 32mm "Rustenberg" granite work top with bull nose. Work top to be fixed on to wall bracket as per supplier recommendation. Overall size of unit 2050mm long x 600mm wide. Tenderer are required to refer to Prasa blue print drawings for details and specification prior to pricing.</p>	No	1		R	-
71	<p>Floor unit made of work top formed of 32mm "Rustenberg" granite work top with bull nose. Work top to be fixed on to wall bracket as per supplier recommendation. Overall size of unit 2620mm long x 600mm wide. Tenderer are required to refer to Prasa Blue print drawings for details and specification prior to pricing.</p>	No	1		R	-
72	<p>Extra over work top for circular cutting (Radius 420) including bull nose edge</p>	No	3		R	-
73	<p>Extra over work top for coring 64mm diameter including</p>	No	3		R	-

74	<p>Floor unit made white melamine carcass with vancouver maple melamine for cupboard doors & drawer, edge strips to comply to SABS 540, complete with concealed hinges on all cupboard doors and 106 x 30mm pull handle chrome finish (code: TS2129MC), handle by "Roco" or similar approved. Unit to be fixed to floor, wall and underside of worktop as per supplier recommendation. Overall size of unit 550mm long x 600mm wide x 900mm high. Unit comprises base, one (1) door and one (1) drawer. Tenderer are required to refer to a Prasa Blue print drawings for details and specification prior to pricing.</p>	No	3	R	-	
75	<p>Kitchen</p> <p>Wall shelf unit made of white melamine carcass with vancouver maple melamine for cupboard doors, edge strips to comply to SABS 540, complete with concealed hinges on all cupboard doors and 106 x 30mm pull handle chrome finish (code: TS2129MC), handle by "Roco" or similar approved. Wall unit to be mounted on wall as per supplier recommendation. Overall size of the unit 2900mm long x 600mm wide x 800mm high. Unit comprises four (4) door and one (1) open shelf. Tenderer are required to refer to a Prasa Blue print for details and specification prior to pricing.</p>	No	2	R	-	
76	<p>Floor unit made of work top formed of 40mm formica work top with bull nose, white in colour, and white melamine carcass with vancouver maple melamine for cupboard doors & drawer, edge strips to comply to SABS 540, complete with concealed hinges on all cupboard doors and 106 x 30mm pull handle chrome finish (code: TS2129MC), handle by "Roco" or similar approved. Unit to be fixed to floor and wall as per supplier recommendation. Overall size of the unit 2215mm long x 600mm wide x 900mm high. Unit comprises cut out for single / double bow sink drop in (sink supplied by others), base, three (3) doors and one (1) drawer. Tenderer are required to refer to Prasa Blue print for details and specification prior to pricing.</p>	No	2	R	-	
SUB-TOTAL - CARPENTRY AND JOINERY					R	-

BILL NO. 6

CEILINGS

PREAMBLES

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SUSPENDED CEILINGS

'OWAtecta(R)' or other equally approved Tegular Lay-in metal ceiling tiles with perforation type Rg0701, size 600 x 600 x 0,5mm thick including black Soundtex(R) acoustic fleece infill material bonded to tiles with four shallow tegular edges and OWA white powder coated finish laid on OWAconstruct, Cliq System S33 exposed demountable T24 tee suspension system including galvanised main tees and cross tees, all suspended with galvanised hangers at centres not exceeding 1200mm and all installed to manufacturer's specification.

77	Ceilings suspended not exceeding 1m below structural steel roof trusses	m ²	109	R	-
78	Extra over for 600 x 600mm Opening in ceiling for light fittings	No	9	R	-
79	Extra over for 40mm Diameter opening in ceiling panels for light fittings	No	5	R	-
80	Extra over for 100mm diameter opening in ceiling panels for extraction	No	7	R	-

	'OWA' acoustic(R)' or other equally approved constellation Premium biologically absorbable mineral wool ceiling tiles, NRC - 0.70 & CAC 33db, fire rating REI 180 (EN13501 - 2) size 1200 x 600 x 15mm with Square-edge and white painted finish, laid on fire rated OWA construct(R) system S3 exposed demountable T24 suspension system, comprising galvanised main tees and cross tees with main tees suspended by means of galvanised hangers at centres not exceeding 1200mm and all installed to manufacturer's specification.				
81	Ceilings suspended not exceeding 1m below structural steel roof trusses	m ²	130	R	-
82	Extra over for 1200 x 600mm Opening in ceiling for light fittings	No	5	R	-
83	Extra over for 40mm Diameter opening in ceiling panels for light fittings	No	5	R	-
84	Extra over for 100mm diameter opening in ceiling panels for extraction	No	5	R	-
	'OWA' or other equally approved 12.5mm Vinyl Faced Gypsum Ceiling Panels, face-covered with white embossed vinyl, size 1200 x 600mm, laid on fire rated Cliq system S3 exposed demountable suspension system including galvanised main tees, cross tees, etc., all suspended with galvanised hangers at centres not exceeding 1200mm and all installed to manufacturer's instructions.				
85	Ceilings suspended not exceeding 1m below structural steel roof trusses	m ²	71	R	-
86	Extra over for 1200 x 600mm Opening in ceiling for light fittings	No	14	R	-
87	Extra over for 40mm Diameter opening in ceiling panels for light fittings	No	5	R	-
88	Extra over for 100mm diameter opening in ceiling panels for extraction	No	6	R	-
	<u>Shadowline, cornices, etc to ceilings</u>				

89	OWA construct' or other equally approved pre-painted shadowline W-trim plugged at 200mm centres and all installed in accordance to the manufacturer's specification	m	157	R	-
SUB-TOTAL - CEILINGS				R	-
<u>BILL NO. 7</u>					
<u>IRONMONGERY</u>					
<u>PREAMBLES</u>					
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<u>LOCKSETS, ETC</u>					
Manufactured by "Dormakaba" or other equally approved					
90	Cylinder Deadlock. Case dimensions (mm) 116.5H x 78D. Forend dimensions (mm) 168H x 22W. Backset 57mm. (D037D SS)	No	2	R	-
91	Cylinder Sash Lock. Case dimensions (mm) 116.5H x 78D. Forend dimensions (mm) 168H x 22W. Backset 57mm. Centres 61mm. (D036S SS)	No	26	R	-
92	Bathroom Deadlock. Case dimensions (mm) 102H x 78D. Forend dimensions (mm) 155H x 22W. Backset 57mm. (D032D SS)	No	4	R	-
93	Helping hand indicator bolt for paraplegic wc (Code: 37651 AS)	No	2	R	-
94	Bathroom WC indicator (Red and white) and turnknob (Code: DWC-005)	No	4	R	-
95	43mm five pin Euro-profile Single Cylinder Grand Master Keyed (DSC104301 GMK)	No	2	R	-

96	66mm five pin Euro-profile Double Cylinder Grand Master Keyed (DDC106601 GMK)	No	10	R	-
97	66mm five pin Euro-profile knob cylinder master keyed (Code: DKC106601 MK - 66mm)	No	3	R	-
98	66mm Euro-profile bathroom / privacy cylinder (Code: DBC006601)	No	2	R	-
<u>HANDLES</u>					
Manufactured by "Dormakaba" or other equally approved					
99	DPH301C Pull handle BT fixed on a 75 x 170 x 1.2mm thick Grade 430 stainless steel plate with no cylinder cutout. Stainless steel plate to have 4 countersunk holes for screw fixing. (Code: DHP-430-BL-SF 75 x 170)	No	4	R	-
100	75 x 170 x 1.2mm thick Grade 430 stainless steel plate to have 4 countersunk holes for screw fixing. (Code: DPP-430-BL-SF-75x170)	No	4	R	-
101	DPH301C Pull handle BT fixed on a 150 x 300 x 1.2mm thick grade 430 stainless steel plate with no cylinder cutout. Stainless steel plate to have 6 countersunk holes for screw fixing. (Code: DHP-430-BL-SF 150 x 300)	No	2	R	-
102	150 x 300 x 1.2mm thick Grade 430 stainless steel plate with cylinder cutout right. Stainless steel plate to have 6 countersunk holes fir screw fixing. (Code: DPP-430-CR-SF150 x 300)	No	1	R	-
103	150 x 300 x 1.2mm thick Grade 430 stainless steel plate with cylinder cutout right. Stainless steel plate to have 6 countersunk holes fir screw fixing. (Code: DPP-430-CL-SF150 x 300)	No	1	R	-
104	325 x 25mm Straight Tubular Pull Handle Flange Fixing (DPH301B)	No	4	R	-
105	Lever handle on 170 x 170mm plate with cylinder cutout (Code: TH120 BP Cyl S.S)	No	7	R	-

	<u>PUSH PLATES AND KICK PLATES</u>				
	Manufactured by "Dormakaba" or other equally approved				
	300 x (width of door) x 1.2mm thick Grade 430 stainless steel kick plate. Stainless Steel Kick Plate to have 12 countersunk holes for screw fixing. (List price calculated on 813mm wide door) (DKP-430-SF 300)				
106		No	52	R	-
	<u>LETTERS, NAMEPLATES, ETC</u>				
	Manufactured by "Dormakaba" or other equally approved				
107	150 x 150mm MALE sign (Code: DSS-130 M)	No	4	R	-
108	150 x 150mm FEMALE sign (Code: DSS-131 F)	No	6	R	-
109	150 x 150mm PARAPLEGIC sign	No	2	R	-
110	150 x 150mm TEA CUP sign (DSS-135 TC)	No	2	R	-
111	150 x 150mm ELECTRICAL sign (Code: DSS-136 EL)	No	2	R	-
	<u>STATUTORY SIGNAGE</u>				
	Statutory signage to be SABS approved and photo luminescent, external signage to be UV rated				
	Red and white single sided signage screwed fixed on to walls as per manufacturer's details				
112	190 x 190mm Arrow sign	No	12	R	-
113	190 x 190mm Fire extinguisher sign	No	4	R	-
114	190 x 190mm Fire hose reel sign	No	2	R	-
115	190 x 190mm Fire hydrant sign	No	2	R	-
116	190 x 190mm Twin booster sign	No	1	R	-
117	300 x 200mm Fire exit keep clear sign	No	1	R	-

118	Green and white single sided signage screwed fixed on to walls as per manufacturer's details				
119	190 x 190mm Arrow sign	No	2	R	-
120	190 x 190mm Running man sign	No	2	R	-
	<u>Red and white double sided signage suspended 1m below suspended ceilings / soffit of slabs by chains as per manufacturer's details</u>				
121	Combination of 4 No. of 190 x 190mm signage. Signage include arrow, fire hose reel, fire extinguisher and fire hydrant	No	1	R	-
122	Combination of 3 No. of 190 x 190mm signage. Signage include arrow, fire hose reel and fire extinguisher	No	1	R	-
123	Green and white double sided signage suspended 1m below suspended ceilings / soffit of slabs by chains as per manufacturer's details				
124	Combination of 3 No. of 190 x 190mm signage. Signage include running man, arrow and wheel chair	No	1	R	-
	<u>Green, red and white double sided signage suspended 1m below suspended ceilings / soffit of slabs by chains as per manufacturer's details</u>				
125					
126	Combination of 5 No. of 190 x 190mm signage. Signage include running man & arrow (green) and fire hose reel, fire extinguisher & arrow (red)	No	1	R	-
	<u>NON-STATUTORY SIGNAGE (PRASA SPECIFICATION)</u>				
	Projecting: Iconography				
127	Double sided signage, non-illuminated overall size 500 x 500mm high. Fixing all in accordance to specialist details. Tenderer are required to refer to Sign Type C2.1, page 4 of 12 of Prasa Specification, for full details.	No	8	R	-

128	Double sided signage, non-illuminated overall size 600 x 300mm high. Fixing all in accordance to specialist details. Tenderer are required to refer to Sign Type C2.2, page 4 of 12 of Prasa Specification, for full details.	No	4		R	-
	<u>Internal Signage: Digitally printed</u>					
129	Wall mounted signage, overall size 300 x 300mm high. Fixing all in accordance to specialist details. Tenderer are required to refer to Sign Type J1.2, page 11 of 12 of Prasa Specification, for full details.	No	8		R	-
130	Door and wall mounted signage, overall size 300 x 300mm high. Fixing all in accordance to specialist details. Tenderer are required to refer to Sign Type J2.1, page 11 of 12 of Prasa Specification, for full details.	No	5		R	-
	<u>DOOR CLOSURE</u>					
	Manufactured by "Dormakaba" or other equally approved					
131	NON HOLD OPEN Cam action slide channel door closer. Max door width 950mm. Closing Force EN 3. Hydraulic speed control. Pull-side door leaf fixing (Standard), Push-side transom fixing. Door closer compliant with EN 1154. Door closer is CERTI FIRE approved (Certificate No. CF 119) for door types ITT 120, MM/IMM 240. Certified manufacturer to ISO 9001 (TS91B - SL)	No	2		R	-
132	EN 2-4 Parallel Arm DELAYED ACTION Door Closer. Push Side Fixing (Parallel Arm Bracket Included) EN2 750-850, EN3 850-950, EN4 950-1100 (TS73V PA DC - PAB - SL)	No	2		R	-
	<u>BATHROOM FITTINGS</u>					

133	"Franke Rodan RODX672" or other equally approved 0,8mm thick satin finished stainless steel double toilet roll holder with spindle system (Code: 359987), size 144 x 138 x 301mm high for 2 rolls maximum 120mm diameter with cylinder lock with standard Franke Key, plugged and screwed to the wall with stainless steel screws.	No	6	R	-
134	"Bathroom Butler Series 4600" or other equally approved paper holder type II in polished grade 304 stainless steel finish (Code: 4602POLS), overall size 180 x 97 x 100mm, plugged and screwed to wall with stainless steel screws.	No	4	R	-
135	"Bathroom Butler Series 4600" or other equally approved single rail in polished grade 304 stainless steel finish (code: 4678POLS), overall size 1125 x 105 x 50mm, plugged and screwed to wall with stainless steel screws.	No	4	R	-
136	"XLerator 2.5Kw" or other equally approved 270W x 240H x 200Dmm Automatic Electric Stainless Steel Hand Dryer - CLX2500 or other equally approved satin finish stainless steel casing	No	2	R	-
	<u>"Chilli-B" or other equally approved:</u>				
137	Soap dispenser (code: P-SDM-650) bolted to walls including all necessary fittings	No	4	R	-
	<u>PARAPLEGIC FITTINGS</u>				
138	Manufactured by "Dormakaba" or other equally approved				
139	300 x 300 x 300mm Side Grab Rail (DGR-SS-152)	No	2	R	-
140	800 x 206mm Cistern Back Rail (DGR-SS-150)	No	2	R	-
	<u>BLINDS</u>				
	<u>"Windowvert" or other equally approved</u>				
141	Vertical slatted blinds 100mm wide to fit opening 1100 x 1000mm high opening	No	2	R	-

142	Vertical slatted blinds 100mm wide to fit opening 1530 x 1000mm high opening	No	1		R	-
143	Vertical slatted blinds 100mm wide to fit opening 2050 x 2000mm high opening	No	1		R	-
144	Vertical slatted blinds 100mm wide to fit opening 2620 x 2200mm high opening	No	1		R	-
	<u>SUNDRIES</u>					
145	Manufactured by "Dormakaba" or other equally approved					
146	Floor Mounted Door Stop (DDS-SS-017)	No	20		R	-
147	Hat and Coat Hook with rubber buffer (DHC-SS-031B)	No	4		R	-
SUB-TOTAL - IRONMONGERY					R	-
	<u>BILL NO. 8</u>					
	<u>METALWORK</u>					
	<u>PREAMBLES</u>					
	The descriptions given in the various items below are not necessarily full and complete and reference must be made to the "Standard Preambles To All Trades", "Supplementary Preambles" and "Supplementary Specifications" to this contract for the full requirements of each scheduled item					
	<u>EXPANDING SECURITY GATES</u>					
148	'Trellidoor' or other equally approved composite epoxy powder coated galvanised mild steel expanding security gate complete with floor rail, soffit guide and lock Security gate size 900 x 2000mm high.	No	2		R	-
	<u>HOT DIPPED GALVANISED STEEL BURGLAR BARS</u>					

	50 x 50mm Hot dipped galvanised vertical bars with rounded ends and polished edges and fixed to wall with 10mm diameter counter sunk expansion bolts through 19mm diameter steel pipe spacers with bolt heads securely epoxy fixed to frame. 19mm Diameter hot dipped galvanised steel pipes equally spaced and welded to vertical falt bars.				
149	Burglar bar size 1000 x 2200mm high area.	No	12		R -
150	Burglar bar size 2000 x 1600mm high area.	No	12		R -
SUB-TOTAL - METALWORK					R -
<u>BILL NO. 9</u>					
<u>PLASTERING</u>					
<u>PREAMBLES</u>					
The descriptions given in the various items below are not necessarily full and complete and reference must be made to the "Standard Preambles To All Trades", "Supplementary Preambles" and "Supplementary Specifications" to this contract for the full requirements of each scheduled item					
<u>SCREEDS</u>					
151	Screeds wood floated, on concrete 30mm Thick on floors	m ²	58		R -
<u>INTERNAL PLASTER</u>					
152	'Gypsum' or other equally approved skim plaster finishing coat, on previously painted surfaces On walls	m ²	1012		R -
SUB-TOTAL - PLASTERING					R -
<u>BILL NO. 10</u>					
<u>TILING</u>					

PREAMBLES

The descriptions given in the various items below are not necessarily full and complete and reference must be made to the "Standard Preambles To All Trades", "Supplementary Preambles" and "Supplementary Specifications" to this contract for the full requirements of each scheduled item

SUPPLEMENTARY PREAMBLES

Fixing

Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc. shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc. shall be deemed to include 1:3 plaster bedding. Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for tiling key-coat. Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from the Tal Professional range of products as recommended by the manufacturer.

WALL TILING

200 x 200 x 6mm Matt white "Samca MWC4" or other equally approved glazed ceramic tiles fixed with an adhesive to plastered walls (plaster elsewhere measured) and flush pointed with waterproofing jointing compound to match tile colour

153 On splash backs

m²

20

R

-

'Union Tiles' or other equally approved 300 x 600mm full bodied porcelain tiles (Code: SE20 A 600AH) with 3mm grouting fixed with 'Tal Goldstar 6' and Tal Bond" tile adhesive to plastered walls (plaster elsewhere measured) and flush pointed with "Tal Wall or Floor" anti-bacterial grout in accordance with the manufacturer's instruction.

154	On walls	m ²	100	R	-
155	On narrow widths 'Union Tiles' or other equally approved 300 x 600mm full bodied porcelain tiles (Code: SE SPA 6100 3x6 AH) with 3mm grouting fixed with "'Tal Goldstar 6' and Tal Bond" tile adhesive to plastered walls (plaster elsewhere measured) and flush pointed with "Tal Wall or Floor" anti-bacterial grout in accordance with the manufacturer's instruction.	m ²	3	R	-
156	On walls	m ²	25	R	-
157	On narrow widths	m ²	1	R	-
	<u>FLOOR TILING (Internal)</u>				
	'Union Tiles' or other equally approved 600 x 600mm R10 slip rated full bodied porcelain floor (Code: SEZZ6879N) tiles with 3mm grouting fixed with "'Tal Goldstar 6' and Tal Bond" tile adhesive to screeded / wood floated / power floated floors (screeds, wood floated or power floated elsewhere measured) and flush pointed with "Tal Floor" anti-bacterial grout in accordance with the manufacturer's instruction.				
158	On floors (Light grey)	m ²	130	R	-
159	300mm High skirting 'Union Tiles' or other equally approved 600 x 600mm R10 slip rated full bodied porcelain floor (Code: SEZZ6876N) tiles with 3mm grouting fixed with "'Tal Goldstar 6' and Tal Bond" tile adhesive to screeded / wood floated / power floated floors (screeds, wood floated or power floated elsewhere measured) and flush pointed with "Tal Floor" anti-bacterial grout in accordance with the manufacturer's instruction.	m	100	R	-
160	On floors (Dark grey)	m ²	16	R	-
161	300mm High skirting	m	15	R	-

	<u>FLOOR TILING (External)</u>				
	'Union Tiles' or other equally approved 300 x 300mm terrazzo non-slip floor tiles (Code: ADMB34LAV SL300) with 5mm grouting fixed with "Tal Goldstar 6' and Tal Bond" tile adhesive to screeded / wood floated / power floated floors (screeds, wood floated or power floated elsewhere measured) and flush pointed with "Tal Floor" anti-bacterial grout in accordance with the manufacturer's instruction.				
162	On floors -Passage walkways,Waiting Shelters and Foyer	m ²	80	R	-
163	300mm High skirting	m	60	R	-
	<u>SUNDRIES</u>				
	"Genesis" or other equally approved edge trims:				
164	27 x 10 x 10mm aluminium square edge trim (Code: TDF 104.81)	m	80	R	-
165	21 x 10mm aluminium straight edge trim (Code: ESA 100.80)	m	25	R	-
	<u>"Genesis" or other equally approved movement joints:</u>				
166	Aluminium standard intermediate joints (Code: MMA100.35)	m	48	R	-
167	Aluminium heavy duty movement joint (Code: GFAM5027.35)	m	57	R	-
	<u>Polysulphide soft joint or equally approved at 3.0m intervals both ways as per supplier instructions</u>				
168	5 x 10mm Joints in floor tiles	m	150	R	-
	<u>SUB-TOTAL - TILING</u>			R	-
	<u>BILL NO. 11</u>				
	<u>PLUMBING AND DRAINAGE</u>				

PREAMBLES

The descriptions given in the various items below are not necessarily full and complete and reference must be made to the "Standard Preambles To All Trades", "Supplementary Preambles" and "Supplementary Specifications" to this contract for the full requirements of each scheduled item

RAINWATER DISPOSAL

0,8mm Seamless aluminium proprietary gutter and rainwater pipe system with baked enamel finish
Purpose made 200 x 150mm Square eaves gutters fixed to rafter

169 m 59 R -

170 No 12 R -

0.8mm Fluted aluminium down pipes with baked enamel finish

171 120 x 90mm Rainwater pipe m 85 R -

172 Extra on rainwater pipe for bend No 24 R -

173 Extra on rainwater pipe for shoe No 18 R -

SANITARY FITTINGS

WC

"Anti-vandal Sanitaryware" or other approved vitreous china Parktown 90 degree outlet top inlet or back inlet flushvalve (code: 431600) and double flap plastic seat

174 No 5 R -

"Grohe" or similar approved 25mm diameter chrome flush valve for wc (code: 37609) for concealed Repair with push button actuator, 1.2 - 5.0 bar flow pressure, flow rate adjustment, including 25mm supply pipe, stop valve, flush pipe and 300mm extension pipe to wc.

175 No 5 R -

Wash Hand Basin

176	"Anti-vandal Sanitaryware" or other equally approved Iceberg Vitreous china drop-in vanity basin colour White (Code: 7034), size 420 x 420mm fitted into opening in granite vanity top (vanity top elsewhere measured) and sealed with silicone sealant where basin rim meets vanity top.	No	6	R	-
177	"Idral" or other equally approved water save self-closing push button pillar tap, non-hold cold water supply only, chrome finish, (code: 08212) with flow time of 6 - 9 secs.	No	6	R	-
178	GH angle valve bau 15x15mm	No	6	R	-
179	303-32 Basin waste	No	6	R	-
180	ISM Gio bottle trap CP 32mm	No	6	R	-
<u>Kitchen Sink - Double Bowl</u>					
181	"Franke" or other equally approved Project line Model PLN621 stainless steel double end bowl inset sink (Code: 821048), overall size 1160 x 460mm wide with two 340 x 370 x 152mm deep bowls, fitted onto cupboard (cupboard elsewhere measured) including clear silicon, inclusive of waste fitting and PVC traps.	No	3	R	-
182	"Cobra Watertech Noka" or other equally approved 15mm chrome plated deck mounted sink mixer with overarm swivel outlet and adjustable flanges (code: NA-970), manufactured in accordance with SANS 226:2004 Type 1 (BS 5412).	No	4	R	-
183	GH angle valve bau 15x10mm	No	4	R	-
184	32 x 40mm Butyl rubber "P" or "S" trap jointed to waste outlet fitting and uPVC pipe including clamps	No	2	R	-
<u>Urinals</u>					

185	"Anti-vandal Sanitaryware" or other equally approved 565 x 275 x 310mm sweetpea white vitreous china wall mounted back inlet urinal (code: 705127) including 38mm chromium plated domical grating (code: 8787z0) and chromium plated back inlet spreader (code: 7054z2), flush valve, flush pipe and fittings (by others), fixed on and including two hanger brackets (code: 8127z0).	No	4		R	-
186	"Walcro" or other equally approved 15mm Ø BSP built-in sleeve, DZR brass urinal flush valve (code: 155UW) with internal flow control, strainer and no-hold feature for single bowl urinal.	No	2		R	-
	<u>WC (Paraplegic)</u>					
187	"Whyte House" or other equally approved paraplegic WC (code: 025134) with back inlet flush valve & double flap plastic seat.	No	1		R	-
188	"Grohe" or other equally approved 25mm diameter chrome flush valve for wc (code: 37609) for concealed Repair with push button actuator, 1.2 - 5.0 bar flow pressure, flow rate adjustment, including 25mm supply pipe, stop valve, flush pipe and 300mm extension pipe to wc.	No	2		R	-
	<u>Wash Hand Basin (Paraplegic)</u>					
189	"Vaal Sanitaryware" or other equally approved hibiscus vitreous china lavatory basin colour white (code: 7023), size 510 x 405mm with one tap hole including integrated overflow and chain stay hole bolted to wall with two x 10mm bolts (code: 8448Z0) and including universal half pedestal with hanger springs (code: 715221) and sealed with silicone sealant where basin meets wall.	No	1		R	-
190	"Cobra" or other equally approved medical elbow action pillar tap with high waist, chrome finish, manufactured in accordance with SANS 226 Type 2.	No	1		R	-
191	GH angle valve 15x10mm	No	1		R	-

192	303-32 Basin waste	No	1	R	-
193	ISM Gio bottle trap CP 32mm	No	1	R	-
	<u>TAPS, VALVES, ETC.</u>				
194	Taps, valves, etc. jointed to copper pipes are to include brass connectors, adaptors etc. Repair and fixings to be as per manufacturers specifications and SANS 1808-9 compliant.				
195	15mm Ball-O- stop valves	No	4	R	-
196	22mm Ball-O- stop valves	No	4	R	-
197	28mm Ball-O- stop valves	No	1	R	-
	<u>SANITARY PLUMBING</u>				
198	uPVC pipes cast into underneath paving , fixed to soffit and walls, or chased into walls, chased into concrete, etc. and make good after in accordance with manufacturers specifications				
199	50mm Pipes	m	36	R	-
200	110mm Pipes	m	150	R	-
201	Extra over uPVC pipes for:				
202	50mm Bend	No	30	R	-
203	50mm Access bend	No	5	R	-
204	50mm Junction	No	4	R	-
205	50mm Access junction	No	2	R	-
206	50mm Coupling	No	7	R	-
207	110mm Bend	No	6	R	-
208	110mm Access bend	No	6	R	-
209	110mm Double access junction	No	3	R	-

210	110 x 50mm Access junction	No	3	R	-
211	110mm Pan connector	No	6	R	-
212	110mm Two way vent valve	No	3	R	-
213	110mm Coupling	No	3	R	-
<u>DOMESTIC WATER SUPPLIES</u>					
<p>Geberit Mepla or other equally approved pipes fixed to soffit and walls, or chased into walls, chased into concrete, etc. in accordance with manufacturers specifications:</p> <p>All piping embedded into concrete or chased into walls to be twice wrapped in strong approved building paper.</p> <p>Rates for surface mounted copper pipe shall be deemed to include all fixtures and fittings for pipes fixed to walls, in chases, and in ceilings.</p>					
214	16mm Pipes	m	30	R	-
215	20mm Pipes	m	59	R	-
216	26mm Pipes	m	6	R	-
<u>Extra over Mepla pipes for fittings:</u>					
217	16mm Bend	No	22	R	-
218	20mm Bend	No	21	R	-
219	20 x 16mm Bend	No	4	R	-
220	26mm Bend	No	1	R	-
221	20mm Tees	No	11	R	-
222	20 x 16mm Tees	No	6	R	-
223	26mm Tees	No	1	R	-

224	26 x 20mm Reducer	No	2		R	-
225	Extra over Mepla pipes for brass compression fittings:					
226	15mm Flexible service pipe 300mm girth	No	10		R	-
227	15mm Wallplate elbow	No	10		R	-
228	22mm Wallplate elbow	No	8		R	-
229	28mm coupling	No	1		R	-
	<u>PIPE INSULATION</u>					
	Thermaflex snap on sectional pipe insulation, neatly cut around pipe as required					
230	Insulation to 15mm diameter piping and couplings including working around fittings	m	4		R	-
	<u>ELECTRIC WATER HEATERS</u>					
	Water heaters and accessories:					
231	10 Litre "Hydroboil" or other equally approved over sink electric water heater	No	2		R	-
	<u>TESTING</u>					
232	Allow for testing the whole of the Stormwater drainage, Sewer drainage, Plumbing, Water and Fire supplies and all fittings to the satisfaction of the Architect, Engineer and Local Authorities. All defective work is to be taken out and replaced at the contractor's expense and the whole re-tested until acceptable	Item	1		R	-
SUB-TOTAL - PLUMBING AND DRAINAGE					R	-
<u>BILL NO. 12</u>						
<u>GLAZING</u>						

PREAMBLES

The descriptions given in the various items below are not necessarily full and complete and reference must be made to the "Standard Preambles To All Trades", "Supplementary Preambles" and "Supplementary Specifications" to this contract for the full requirements of each scheduled item

GLAZING TO WOODEN FRAME

6.38mm Shutter proof glass seal with weather sealant joint to as per manufacturer's specifications.

233	Panes exceeding 0.5m ² and not exceeding 2m ²	m ²	33	R	-
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MIRRORS

Mirrors shall be silver float glass with polished edges all round and holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete

234	6mm Mirror size 600 x 750mm, four times holed and fixed to plastered wall	No	6	R	-
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SUB-TOTAL - GLAZING

				R	-
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BILL NO. 13

PAINTWORK

PREAMBLES

The descriptions given in the various items below are not necessarily full and complete and reference must be made to the "Standard Preambles To All Trades", "Supplementary Preambles" and "Supplementary Specifications" to this contract for the full requirements of each scheduled item

SUPPLEMENTARY PREAMBLES

PREPARATORY WORK TO EXISTING WORK

Previously painted plastered surfaces

Surfaces shall be thoroughly water pressure cleaned and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished to match existing surfaces.

PAINTWORK, ETC TO PREVIOUSLY PAINTED SURFACES

ON EXTERNAL FLOATED PLASTER SURFACES

Prepare and sand down existing surfaces and apply "Plascon" or other equally approved alkali resistant primer and two coats "Micatex" emulsion paint for exterior use

235	On walls-Brick dressing	m ²	420	R	-
236	On columns	m ²	24	R	-
237	On narrow widths	m ²	8	R	-

ON INTERNAL FLOATED PLASTER SURFACES

Prepare and sand down existing surfaces and apply "Plascon" or other equally approved Primer (PP700) and two coats "Velvagio" water based paint for interior use

238	On walls	m ²	1030	R	-
239	On columns	m ²	40	R	-
240	On narrow widths	m ²	25	R	-

ON WOOD FRAME SURFACES

Prepare and sand down existing surfaces and apply "Plascon" or other equally approved one coat red oxide primer, one coat alkyd based universal undercoat and two coats professional gloss paint

241	On door frames	m ²	45	R	-
	Prepare, degrease and sand down existing surfaces and apply "Plascon" or other approved alkyd based zinc phosphate primer, one coat alkyd based universal undercoat and two coats superior quality universal paint, on wood surfaces				
242	On structural wood members	m ²	295	R	-
	<u>ON WOOD SURFACES</u>				
	Prepare and sand down existing surfaces and apply "Plascon" or other equally approved primer, one coat alkyd based universal undercoat and two coats professional gloss enamel paint				
243	On doors	m ²	50	R	-
	<u>ON PLASTERBOARD SURFACES</u>				
	Prepare and sand down existing surfaces and apply "Plascon" or other equally approved gypsum and plaster primer (PP700) and two coats professional super matt (PEM 900/TSA) for interior use				
244	On ceilings	m ²	130	R	-
	<u>PAINTWORK, ETC TO NEW SURFACES</u>				
	<u>ON METAL SURFACES</u>				
	One coat calcium plumbate primer on:				
245	Backs of galvanised steel door frames before fixing	m ²	9	R	-
	"Plascon" or other equally approved one coat red oxide primer, one coat alkyd based universal undercoat and two coats professional gloss paint				
246	On door frames	m ²	9	R	-
	<u>ON WOOD SURFACES</u>				
	"Plascon" or other equally approved two coats woodcare ultra vanish				

247	On Doors	m ²	21		R	-
	"Plascon" or other equally approved primer, one coat alkyd based universal undercoat and two coats professional gloss enamel paint					
248	On Doors	m ²	67		R	-
SUB-TOTAL - PAINTWORK					R	-
SECTION NO.02						
1	Alterations				R	-
2	Earthworks				R	-
3	Concrete, Formwork & Reinforcement				R	-
4	Roof Coverings				R	-
5	Carpentry and Joinery				R	-
6	Ceilings and Partitionings				R	-
7	Ironmongery				R	-
8	Metalwork				R	-
9	Plastering				R	-
10	Tiling				R	-
11	Plumbing and Drainage				R	-
12	Glazing				R	-
13	Paintwork				R	-
SUB-TOTAL					R	-
SECTION NO. 3						
BILL NO. 1						

MECHANICAL

Mechanical Provisions

Provisional sum of R350 000.00 (Three Hundred and Fifty thousands rand) for Mechanical to supply, delivery, connecting and commissioning of the complete, refrigerent flow system, outside condensing/compressor and evaporator units, Air-conditioning , Ventilation ducts , with all with electrical connection to isolator, refrigeration- and drain piping, electrical control wiring, brackets, supports and all necessary accessories, as per the specification and manufacturer's recommendation

1	Item	1		
2	Item	1		
3	item	1		
			R	-

SUB-TOTAL - MECHANICAL PROVISIONAL

R -

SECTION NO. 4

BILL NO. 1

ELECTRICAL REPAIRS

Electrical Repairs

Provide the amount of R 500 000.00 for Electrical Repairs complete

1	Item	1		R -
2	Item	1		R -
3	Item	1		R -

SUB-TOTAL - Electrical Repairs

R -

SECTION NO. 5

BILL NO. 1

PROVISIONAL SUMS

SUPPLEMENTARY PREAMBLES

General

Work for which Provisional sum are provided will be measured and valued in accordance with clause 32 of the Principal Building Agreement and deducted in whole or in part if not required without any compensation for loss or profit on the said allowances. Prime cost amounts and provisional sums are net. The Contractor must note that attendance includes the provision of hoisting and access facilities for a sub-contractor. The Contractors profit and attendance shall include for the storage of such equipment and materials. The Contractor must ensure that the capacities of his hoisting equipment is sufficient to deal with the masses and the quantities of the items hoisted. Provide the necessary personnel to operate such hoisting and access equipment. Prime cost amounts include for delivery to site of all articles concerned Provisional sums are for material and equipment supplied and installed complete by firms of specialists.

HERITAGE SPECIALIST ITEMS

Provide the sum of R1 200 000,000.00 (One Million Hundred Thousand Rand) for external Heritage facade claddings ,Sand Stones ,Copings,Heritage Tower watch,Heritage specialist items repairs and Heritage signages

1	signages	Item	1	R	-
2	Profit	Item	1	R	-
3	Attendance	Item	1	R	-
SUB-TOTAL - PROVISIONAL SUMS				R	-

<u>BILL OF QUANTITIES BREAKDOWN SUMMARY</u>				
<u>NO</u>	<u>DESCRIPTION</u>			<u>AMOUNT</u>
	<u>PART A - MUZEINBERG STATION</u>			
	<u>SECTION 1-PRELIMINARY AND GENERAL</u>			
1	Preliminaries and General			
	<u>SECTION 2 - HERITAGE BUILDING</u>			
2	Alterations			
3	Earthworks			
4	Concrete, Formwork and Reinforcement			
5	Roof Coverings			
6	Carpentry and Joinery			
7	Ceilings and Partitions			
8	Ironmongery			
9	Metalwork			
10	Plastering			
11	Tiling			
12	Plumbing and Drainage			
13	Glazing			
14	Paintwork			
	<u>SECTION 03 - PROVISIONAL SUM FOR MECHANICAL ITEMS</u>			
15	Provisional Sum Mechanical (HVAC)			
	<u>SECTION 04 - ELECTRICAL REPAIRS</u>			
16	Electrical Repairs			
	<u>SECTION 05 - PROVISIONAL SUM FOR HERITAGE SPECIALIST ITEMS</u>			
17	Provisional Sum			
	SUB-TOTAL			
	VAT-15%			
	GRAND TOTAL			

