

**PRICE LIST
FOR
PROPOSED REFURBISHMENT
TO
CHAMBER of MINES ABLUTIONS
UNIVERSITY OF THE WITWATERSRAND
September 2018**

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Item No		Quantity	Rate	Amount
	<u>BILL NO 1- First Floor</u>			
	<u>PRELIMINARY AND GENERAL</u>			
	<u>Preliminaries and general are to be priced in accordance with the programme submitted</u>			
	<u>CORE CLAUSES</u>			
	<u>1 General</u>			
1	Project director	Mths		
2	Contract manager	Mths		
3	Cost controller	Mths		
4	Supervisory staff other than those covered in items above	Mths		
5	Support staff other than those covered in items above	Mths		
6	Contractual requirements		SUM	
7	Items not included in the Bill of Quantities included elsewhere in the Preliminary and General item (specify):		SUM	
	Carried Forward		R	
	First Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>2 The Contractor's main responsibilities</u>		
8	Health and safety compliance services Without limiting the generality of the provisions of the agreement, the contractor's attention is drawn to the provisions of the Construction Regulations, 2003 issued in terms of the Occupational Health and Safety Act, 1993 in which it is specifically stated that the employer shall prepare a documented health and safety specification for the works (attached) and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification.	
	Mths	
9	Site transport	
	Mths	
10	Site accommodation and facilities to be provided by contractor	
	Mths	
11	Temporary chemical toilet, to the approval of the Architect, for the full duration of the project and remove same upon completion	
	Mths	
12	Site security	
	Mths	
13	Clean site and remove rubble	SUM
14	Site surveys	SUM
15	Water supplies - client will provide water at selected points	SUM
16	Power supply - client by client at selected points	SUM
17	Notice boards and signage	SUM
18	Site fencing and gates	SUM
Carried Forward		R
First Floor		
EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
19	Hoarding requirements	SUM
20	Scaffolding	SUM
21	Disruptions due to noisy work	Mths
22	The Contractor to provide appropriate shopdrawings of windows etc. for approval	SUM
23	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>3 Time</u>		
24	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>4 Testing and Defects</u>		
25	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>5 Payments</u>		
26	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
Carried Forward		R
First Floor		
EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>6 Compensation events</u>		
27	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>7 Title</u>		
28	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>8 Risks and insurance</u>		
29	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>9 Termination</u>		
30	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>ALTERATIONS</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
<u>Removal of existing work</u>		
Carried Forward		R
First Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
<u>Taking down and cart away roofs, floors, panelling, ceilings, partitions, etc.</u>			
31	Ceilings	m2	56
32	Ceramic wall tiles	m2	201
<u>Take up and cart away floor coverings and prepare surface to receive new</u>			
33	Ceramic floor tiles	m2	56
<u>Taking out and cart away piping, sanitary fittings (sanitaryware handed over to client), etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>			
34	Wash hand basin complete	No	8
35	Vitreous china WC pan complete	No	8
36	Urinal complete	No	3
<u>Taking out and carting away glass, mirrors etc.</u>			
37	Mirrors	m2	4
<u>Removing ironmongery from steel frames including filling holes and cart away</u>			
38	Door handle and mortice lock set from timber door	No	10
39	Remove timber double door size 1 500mm wide x 2 030mm high from steel frame and cart away	No	2
<u>Remove fittings, store and handover to client</u>			
40	Existing toilet roll dispenser	No	8
41	Existing soap dispenser	No	4
Carried Forward			R
First Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward				R
42	Existing wall mounted rubbish bin	No	4	
43	Existing hand dryer	No	1	
<u>MASONRY</u>				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
<u>Superstructure</u>				
<u>Brickwork of NFP bricks in class II mortar</u>				
44	One brick wall	m2	5	
<u>Brickwork sundries</u>				
<u>Brickwork reinforcement</u>				
45	150mm Wide reinforcement built in horizontally	m	3	
<u>WATERPROOFING</u>				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
46	Coprox or similar waterproofing to floor applied by specialist	m2	56	
<u>CEILINGS, PARTITIONS & ACCESS</u>				
<u>FLOORING</u>				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
Carried Forward				R
First Floor EM Heyns Quantity Surveyors				

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
	<u>12.5mm Vinyl Faced Gypsum Ceiling Panels, face-covered with white embossed vinyl, size 600 x 600mm, laid on fire rated OWA construct S3 exposed demountable Butt-cut T24 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</u>		
47	Ceilings not exceeding 1m below concrete slabs	m2	16
	<u>OWAacoustic Sinfonia White Premium biologically absorbable mineral wool ceiling tiles, NRC - 0.85, size 600 x 600 x 15mm with edge 15b and white painted finish, laid on OWAline S15b white-white exposed demountable 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 instructions</u>		
48	Ceilings not exceeding 1m below concrete slabs	m2	28
	<u>Plastered bulkhead</u>		
49	Soffit and side of horizontal bulkheads, size 800 x 150mm high	m	7
	<u>Cornices, etc</u>		
50	OWAconstruct Shadowline W-trim cornice plugged and screwed at 200mm centres	m	91
	<u>JOINERY</u>		
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
51	Door D7 access panel size 430 x 1050mm high	No	4
52	Door D8 access panel size 130 x 1 060mm	No	1
Carried Forward			R
First Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>IRONMONGERY</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
<u>Hinges</u>		
53	Dormakaba stainless steel rising butt hinges (code: DRR-SS-012) fitted to steel frames	No 12
54	Assa Abloy ball bearing butt hinges (code: 8352-100SS) fitted to steel frames	No 10
<u>Locks</u>		
55	Assa Abloy stainless steel bathroom/wc lock escutcheon (code: SS5004-73SS)	No 6
56	Assa Abloy aluminium helping hand disabled facility indicator bolt (code: 37651LH/RH)	No 2
57	Euro Profile cylinder deadlock case (code: L-21315-76SS) with stainless steel forend and Assa Abloy Standard 32mm satin chrome single cylinder (code: 2x20SC)	No 4
<u>Handles</u>		
58	Dormakaba DPH 301 stainless steel pull handle	No 4
<u>Door closers</u>		
59	Dormakaba hold open TS71 rack and pinion projecting arm door closer (code: TS 71 H0) mounted on frame - overhead transom (push side)	No 4
<u>Sundries</u>		
60	Stainless steel push plate size 150 x 300mm (code: DPL-SS-CL)	No 4
Carried Forward		R
First Floor		
EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
61	Assa Abloy stainless steel kick plate (code: SS5089-200W)	No	4
62	Assa Abloy stainless steel door stop (code: 99022SS)	No	4
63	Assa Abloy aluminium hat and coat hook (code: AL8722AS)	No	6
64	600x400mm Aluminium ventilation grille fitted to existing door	No	4
<u>PLASTERING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>Screed</u>			
65	30mm Thick on concrete floors to receive ceramic tiles	m2	56
<u>Internal Plaster</u>			
66	Single coat plaster on walls (to receive tiles elsewhere)	m2	106
67	Two coat plaster on walls	m2	56
<u>TILING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>UNION Tiles ceramic tiles (Code: 1SAMOMA10A4LA), size 250 x 400 x 6mm thick, laid with joints continuous in both directions, with 3mm wide tile joints</u>			
68	On walls	m2	96
Carried Forward			R
First Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
	<u>UNION Tiles Glass and Stone 8mm mesh backed glass mosaics, size 23 x 23mm tiles, sheet size 300 x 300mm (Code: 1FALFTDAF2312) fixed mesh side down to internal plastered wall with Weber.set Porcelain L adhesive</u>		
69	On walls	m2	1
	<u>UNION Tiles full body porcelain tiles (Code: 1TREZZ6873M600), size 600 x 600mm, laid with joints continuous in both directions, with 3mm wide tile joints</u>		
70	On floors	m2	56
71	To walls	m2	8
72	200mm High cut tile skirting	m	69
	<u>Corner protection</u>		
73	Genesis interior stainless steel square edge trim (Code:EQS120.84)	m	169
	<u>INTERNAL PLUMBING</u>		
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
	<u>Sanitary fittings</u>		
74	Geberit Abalona vitreous china wall mounted Rimfree WC colour white (Code 500.265.01.1) fixed to cistern frame with stainless steel bolts and nuts, including Geberit Abalona WC Seat Ring (Article No. 500.340.01.1), including Geberit Kombifix element for wall-hung WC, 109 cm, with Sigma concealed cistern 8 cm deep.(Code: 110.792.00.1) including Geberit dual flush Actuator (code 115.889.sn.1) complete all in accordance with manufacturer's recommendations	No	6
Carried Forward			R
First Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

	Brought Forward			R
75	<p>Geberit Abalona vitreous china wall mounted Rimfree WC colour white (Code 500.265.01.1) fixed to cistern frame with stainless steel bolts and nuts, including Geberit Abalona WC Seat Ring (Article No. 500.340.01.1), including Geberit Kombifix element for wall-hung WC, 109 cm, with Sigma concealed cistern 8 cm deep.(Code: 110.792.00.1) including Geberit actuator plate Mambo (code 115.889.sn.1) including Geberit remove flush actuation type 1 (code: 116.045.11.1) complete all in accordance with manufacturer's recommendations</p>	No	2	
76	<p>Geberit Abalona Square washbasin complete: B55cm white with 1 tap hole (Code: 500.290.01.1) including integrated overflow and waste hole, fixed to wall including Franke AQUAMIX-C AQUA 202 stainless steel self closing single mixer (Code: 2150006) with automatic and backlash-free closure, adjustable flow duration, finely adjustable and twist-proof temperature stop, connected to cold water only angle valve with 15mm flexible connection including Cobra Watertech 15mm ball type angle valve (Code: 832-10) including Cobra Watertech 32mm chrome plated bottle trap (Code: 350) including Cobra Watertech 20mm Brass F x F inlets and stainless steel double mesh strainer basket (Code: 1050-20) including Cobra Watertech 20mm Damara Stoptap (Code DA-138-20)</p>	No	6	
	Carried Forward			R
	First Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

	Brought Forward			R
77	Geberit Abalona Square washbasin, barrier-free: B55cm white (Code: 500.302.01.1) with one taphole including integrated overflow and waste hole including Cobra Watertech 15mm chrome plated basin mixer (Code: NM-851) with aerated fixed straight spout, manufactured in accordance with SANS 1480:2005 (BS EN 1286) including Cobra Watertech 15mm ball type angle valve (Code: 832-10) including Geberit 151.120.21.1 concealed trap for disabled washbasin, with in-wall cabinet and ready-to-fit set, horizontal outlet: d50 - 56mm G1 1/4" d1=32mm bright chrome-plated finish including Cobra Watertech 20mm Brass F x F inlets and stainless steel double mesh strainer basket (Code: 1050-20) and Cobra Watertech 20mm Damara Stoptap (Code DA-138-20)	No	2	
78	VAAL Sanitaryware 565 x 275 x 310mm Sweetpea top inlet white vitreous china wall mounted urinal (Code: 705126WH) including 38mm chromium plated domical grating and chromium plated top inlet spreader (Code: 7054Z000), flush valve COBRA (Code: FJ6000) and flush pipe COBRA (Code: FJT5.5), fixed on and including two hanger brackets VAAL (Code: 8127Z000) completed in accordance with the manufacturers instructions	No	3	
79	GEBERIT Urinal vitreous china division (Code:500.345.01.01) fixed with and including fixing screws and hanger bracket	No	2	
	<u>Sundries</u>			
80	Franke CNTXPAR satin finished stainless steel paraplegic grab rail (Code: 2510012), size 300 x 96 x 300mm with Franke Fine Grip surface, plugged and screwed to the wall with stainless steel screws	No	2	
81	Franke CNTX600 32mm diameter satin finished stainless steel grab rails (Code:2510005), size 600 x 95mm deep with Franke Fine Grip surface, plugged and screwed to the wall with stainless steel screws	No	2	
	Carried Forward			R
	First Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
82	Hygiene systems Excel toilet roll dispensers (installation only)	No	8
83	Hygiene system Excel Sanitex soap dispenser (installation only)	No	4
84	Hygiene systems wall mounted rubbish bin (installation only)	No	4
<u>Sanitary plumbing</u>			
Piping to connect to existing stack pipework as per plan			
85	Internal waste piping (Measured per point)	No	19
<u>Cold Water Supplies</u>			
86	Internal cold water supplies (measured per point)	No	19
<u>Connection for new to existing services</u>			
87	Locating and tying new soil drains into existing stacks in ducts including all connections and adaptations		Item
88	Locating and tying new water pipes into existing stack pipes in ducts including all connections and adaptations		Item
<u>ELECTRICAL INSTALLATION</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
The contractor must price the electrical bill from the drawings, the bill is deemed to be a summary of the total electrical cost			
89	Inspect the main distribution board and ensure that all the necessary switchgear etc. are compatible with the new installation	No	2
90	Test, commission and issue COC certificate	No	1
Carried Forward			R
First Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>Strip existing redundant conduits and wiring to</u>		
91	Light point	No 28
92	Isolators	No 2
<u>Provide electrical power including installation and approved fittings, direct couplings, isolators etc. for</u>		
93	White Regent Lighting Solutions LUXON ROUND 174mm 12W LED fitting I292 with Polycarbonate diffuser	No 16
94	OWALight LED profile, cross tee, length: 600 mm, height: 41mm, width: 14.3mm, white exterior, interior: LED profile illuminated over a length of 600mm	No 4
95	OWALight LED profile, cross tee, length: 1200 mm, height: 41 mm, width: 14.3mm, white exterior, with central slot, interior: LED profile illuminated over a length of 1200 mm, profiles delivered ready to plug in, cable length 1200 mm	No 8
96	Occupancy detector LUXOMAT PD2-M-SM, master with circular detection area, surface mounted (Motion Sensor Passive Infrared switching) 7-meter degree occupancy sensor	No 2
97	Occupancy detector LUXOMAT PD2-S-SM, Slave with circular detection area, surface mounted (Passive Infrared sensor) to cubicle light in each stall connected to master unit fitted in general area	No 5
98	Wall mounted hand dryer (PC allowance of R3 500.00 excluding vat and delivery)	No 4
<u>MECHANICAL INSTALLATION</u>		
99	Take out and set aside existing ceiling grilles for re-installation	No 14
100	Take out of storage and fit existing extract grille in new ceiling	No 14
Carried Forward		R
First Floor		
EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
101	Replace damaged existing flexible ducting with new	No	7
102	Test existing ducting for leaks and repair where required with duct tape		Item
<u>GLAZING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u>			
<u>6mm Silvered float glass copper backed mirrors with 10 mm bevelled and polished edges fixed with double sided adhesive tape</u>			
103	Mirrors mounted to walls size 600 x 1 900mm, supplied and installed complete	No	8
104	Mirrors mounted to walls size 700 x 2 100mm, supplied and installed complete	No	4
<u>PAINTING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>Paintwork, etc. to new work</u>			
<u>Prepare and apply one coat primer and two coats "Plascon" Velvagio satin paint on:</u>			
105	Pressed steel door frames	m2	5
<u>Spot priming defects in pre-primed surfaces with zinc chromate primer and applying one undercoat and 2 coats polyurethane enamel paint on steel:</u>			
<u>Paintwork, etc. to existing work</u>			
Carried Forward			R
First Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
<u>Prepare and apply one coat primer and two coats "Plascon Wall and All" paint on</u>			
106	Internal walls	m2	56
107	Bulkhead	m2	7
<u>Sand down, prepare and apply one undercoat and two coats "Plascon" Velvagio satin paint on steel:</u>			
108	Doors	m2	44
<u>Prime sanded down areas with one coat wood primer and two coats Plascon Enamel paint</u>			
109	Frames	m2	1
<u>PROVISIONAL SUMS</u>			
<u>Clients allowance</u>			
110	Allowance of R4 000.00 for builders work	Item	4 000.00
<u>Signage</u>			
111	Allow a Provisional Sum of R3 500.00 for supply and installation of signage by specialist	Item	3 500.00
112	Profit and attendance	%	
Total Carried to Summary			R
First Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Item No		Quantity	Rate	Amount
	<u>BILL NO 2- Second Floor</u>			
	<u>PRELIMINARY AND GENERAL</u>			
	<u>Preliminaries and general are to be priced in accordance with the programme submitted</u>			
	<u>CORE CLAUSES</u>			
	<u>1 General</u>			
1	Project director	Mths		
2	Contract manager	Mths		
3	Cost controller	Mths		
4	Supervisory staff other than those covered in items above	Mths		
5	Support staff other than those covered in items above	Mths		
6	Contractual requirements		SUM	
7	Items not included in the Bill of Quantities included elsewhere in the Preliminary and General item (specify):		SUM	
	Carried Forward		R	
	Second Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>2 The Contractor's main responsibilities</u>		
8	Health and safety compliance services Without limiting the generality of the provisions of the agreement, the contractor's attention is drawn to the provisions of the Construction Regulations, 2003 issued in terms of the Occupational Health and Safety Act, 1993 in which it is specifically stated that the employer shall prepare a documented health and safety specification for the works (attached) and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification.	
	Mths	
9	Site transport	
	Mths	
10	Site accommodation and facilities to be provided by contractor	
	Mths	
11	Temporary chemical toilet, to the approval of the Architect, for the full duration of the project and remove same upon completion	
	Mths	
12	Site security	
	Mths	
13	Clean site and remove rubble	SUM
14	Site surveys	SUM
15	Water supplies - client will provide water at selected points	SUM
16	Power supply - client by client at selected points	SUM
17	Notice boards and signage	SUM
18	Site fencing and gates	SUM
Carried Forward		R
Second Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
19	Hoarding requirements	SUM
20	Scaffolding	SUM
21	Disruptions due to noisy work	Mths
22	The Contractor to provide appropriate shopdrawings of windows etc. for approval	SUM
23	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>3 Time</u>		
24	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>4 Testing and Defects</u>		
25	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>5 Payments</u>		
26	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
Carried Forward		R

Second Floor
EM Heyns Quantity Surveyors

**WITS: Chamber of Mines
Refurbishment of Ablutions**

	Brought Forward			R
	<u>6 Compensation events</u>			
27	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>7 Title</u>			
28	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>8 Risks and insurance</u>			
29	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>9 Termination</u>			
30	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>ALTERATIONS</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
	<u>Removal of existing work</u>			
	Carried Forward			R
	Second Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
<u>Taking down and cart away roofs, floors, panelling, ceilings, partitions, etc.</u>			
31	Ceilings	m2	56
32	Ceramic wall tiles	m2	223
<u>Take up and cart away floor coverings and prepare surface to receive new</u>			
33	Ceramic floor tiles	m2	56
<u>Taking out and cart away piping, sanitary fittings (sanitaryware handed over to client), etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>			
34	Wash hand basin complete	No	8
35	Vitreous china WC pan complete	No	8
36	Urinal complete	No	3
<u>Taking out and carting away glass, mirrors etc.</u>			
37	Mirrors	m2	4
<u>Removing ironmongery from steel frames including filling holes and cart away</u>			
38	Door handle and mortice lock set from timber door	No	10
39	Remove timber double door size 1 500mm wide x 2 030mm high from steel frame and cart away	No	2
<u>Remove fittings, store and handover to client</u>			
40	Existing toilet roll dispenser	No	6
41	Existing soap dispenser	No	4
Carried Forward			R
Second Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
42	Existing wall mounted rubbish bin	No	4
43	Existing hand dryer	No	1
<u>MASONRY</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>Superstructure</u>			
<u>Brickwork of NFP bricks in class II mortar</u>			
44	One brick wall	m2	5
<u>Brickwork sundries</u>			
<u>Brickwork reinforcement</u>			
45	150mm Wide reinforcement built in horizontally	m	3
<u>WATERPROOFING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
46	Coprox or similar waterproofing to floor applied by specialist	m2	56
<u>CEILINGS, PARTITIONS & ACCESS</u>			
<u>FLOORING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
Carried Forward			R
Second Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
	<u>12.5mm Vinyl Faced Gypsum Ceiling Panels, face-covered with white embossed vinyl, size 600 x 600mm, laid on fire rated OWA construct S3 exposed demountable Butt-cut T24 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</u>		
47	Ceilings not exceeding 1m below concrete slabs	m2	16
	<u>OWAacoustic Sinfonia White Premium biologically absorbable mineral wool ceiling tiles, NRC - 0.85, size 600 x 600 x 15mm with edge 15b and white painted finish, laid on OWAline S15b white-white exposed demountable 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 instructions</u>		
48	Ceilings not exceeding 1m below concrete slabs	m2	28
	<u>Plastered bulkhead</u>		
49	Soffit and side of horizontal bulkheads, size 800 x 150mm high	m	7
	<u>Cornices, etc</u>		
50	OWAconstruct Shadowline W-trim cornice plugged and screwed at 200mm centres	m	93
	<u>JOINERY</u>		
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
51	Door D7 access panel size 430 x 1050mm high	No	4
52	Door D8 access panel size 130 x 1 060mm	No	1
Carried Forward			R
Second Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>IRONMONGERY</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
<u>Hinges</u>		
53	Dormakaba stainless steel rising butt hinges (code: DRR-SS-012) fitted to steel frames	No 12
54	Assa Abloy ball bearing butt hinges (code: 8352-100SS) fitted to steel frames	No 10
<u>Locks</u>		
55	Assa Abloy stainless steel bathroom/wc lock escutcheon (code: SS5004-73SS)	No 6
56	Assa Abloy aluminium helping hand disabled facility indicator bolt (code: 37651LH/RH)	No 2
57	Euro Profile cylinder deadlock case (code: L-21315-76SS) with stainless steel forend and Assa Abloy Standard 32mm satin chrome single cylinder (code: 2x20SC)	No 4
<u>Handles</u>		
58	Dormakaba DPH 301 stainless steel pull handle	No 4
<u>Door closers</u>		
59	Dormakaba hold open TS71 rack and pinion projecting arm door closer (code: TS 71 H0) mounted on frame - overhead transom (push side)	No 4
<u>Sundries</u>		
60	Stainless steel push plate size 150 x 300mm (code: DPL-SS-CL)	No 4
Carried Forward		R
Second Floor		
EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
61	Assa Abloy stainless steel kick plate (code: SS5089-200W)	No	4
62	Assa Abloy stainless steel door stop (code: 99022SS)	No	4
63	Assa Abloy aluminium hat and coat hook (code: AL8722AS)	No	6
64	600x400mm Aluminium ventilation grille fitted to existing door	No	4
<u>PLASTERING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>Screed</u>			
65	30mm Thick on concrete floors to receive ceramic tiles	m2	56
<u>Internal Plaster</u>			
66	Single coat plaster on walls (to receive tiles elsewhere)	m2	128
67	Two coat plaster on walls	m2	67
<u>TILING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>UNION Tiles ceramic tiles (Code: 1SAMOMA10A4LA), size 250 x 400 x 6mm thick, laid with joints continuous in both directions, with 3mm wide tile joints</u>			
68	On walls	m2	118
Carried Forward			R
Second Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
	<u>UNION Tiles Glass and Stone 8mm mesh backed glass mosaics, size 23 x 23mm tiles, sheet size 300 x 300mm (Code: 1FALFTDAF2312) fixed mesh side down to internal plastered wall with Weber.set Porcelain L adhesive</u>		
69	On walls	m2	1
	<u>UNION Tiles full body porcelain tiles (Code: 1TREZZ6873M600), size 600 x 600mm, laid with joints continuous in both directions, with 3mm wide tile joints</u>		
70	On floors	m2	56
71	To walls	m2	8
72	200mm High cut tile skirting	m	73
	<u>Corner protection</u>		
73	Genesis interior stainless steel square edge trim (Code:EQS120.84)	m	158
	<u>INTERNAL PLUMBING</u>		
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
	<u>Sanitary fittings</u>		
74	Geberit Abalona vitreous china wall mounted Rimfree WC colour white (Code 500.265.01.1) fixed to cistern frame with stainless steel bolts and nuts, including Geberit Abalona WC Seat Ring (Article No. 500.340.01.1), including Geberit Kombifix element for wall-hung WC, 109 cm, with Sigma concealed cistern 8 cm deep.(Code: 110.792.00.1) including Geberit dual flush Actuator (code 115.889.sn.1) complete all in accordance with manufacturer's recommendations	No	6
Carried Forward			R
Second Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		No	2	R
75	<p>Geberit Abalona vitreous china wall mounted Rimfree WC colour white (Code 500.265.01.1) fixed to cistern frame with stainless steel bolts and nuts, including Geberit Abalona WC Seat Ring (Article No. 500.340.01.1), including Geberit Kombifix element for wall-hung WC, 109 cm, with Sigma concealed cistern 8 cm deep.(Code: 110.792.00.1) including Geberit actuator plate Mambo (code 115.889.sn.1) including Geberit remove flush actuation type 1 (code: 116.045.11.1) complete all in accordance with manufacturer's recommendations</p>	No	2	
76	<p>Geberit Abalona Square washbasin complete: B55cm white with 1 tap hole (Code: 500.290.01.1) including integrated overflow and waste hole, fixed to wall including Franke AQUAMIX-C AQUA 202 stainless steel self closing single mixer (Code: 2150006) with automatic and backlash-free closure, adjustable flow duration, finely adjustable and twist-proof temperature stop, connected to cold water only angle valve with 15mm flexible connection including Cobra Watertech 15mm ball type angle valve (Code: 832-10) including Cobra Watertech 32mm chrome plated bottle trap (Code: 350) including Cobra Watertech 20mm Brass F x F inlets and stainless steel double mesh strainer basket (Code: 1050-20) including Cobra Watertech 20mm Damara Stoptap (Code DA-138-20)</p>	No	6	
Carried Forward				R
<p>Second Floor EM Heyns Quantity Surveyors</p>				

**WITS: Chamber of Mines
Refurbishment of Ablutions**

	Brought Forward			R
77	<p>Geberit Abalona Square washbasin, barrier-free: B55cm white (Code: 500.302.01.1) with one taphole including integrated overflow and waste hole including Cobra Watertech 15mm chrome plated basin mixer (Code: NM-851) with aerated fixed straight spout, manufactured in accordance with SANS 1480:2005 (BS EN 1286) including Cobra Watertech 15mm ball type angle valve (Code: 832-10) including Geberit 151.120.21.1 concealed trap for disabled washbasin, with in-wall cabinet and ready-to-fit set, horizontal outlet: d50 - 56mm G1 1/4" d1=32mm bright chrome-plated finish including Cobra Watertech 20mm Brass F x F inlets and stainless steel double mesh strainer basket (Code: 1050-20) and Cobra Watertech 20mm Damara Stoptap (Code DA-138-20)</p>	No	2	
78	<p>VAAL Sanitaryware 565 x 275 x 310mm Sweetpea top inlet white vitreous china wall mounted urinal (Code: 705126WH) including 38mm chromium plated domical grating and chromium plated top inlet spreader (Code: 7054Z000), flush valve COBRA (Code: FJ6000) and flush pipe COBRA (Code: FJT5.5), fixed on and including two hanger brackets VAAL (Code: 8127Z000) completed in accordance with the manufacturers instructions</p>	No	3	
79	<p>GEBERIT Urinal vitreous china division (Code:500.345.01.01) fixed with and including fixing screws and hanger bracket</p>	No	2	
	<u>Sundries</u>			
80	<p>Franke CNTXPAR satin finished stainless steel paraplegic grab rail (Code: 2510012), size 300 x 96 x 300mm with Franke Fine Grip surface, plugged and screwed to the wall with stainless steel screws</p>	No	2	
81	<p>Franke CNTX600 32mm diameter satin finished stainless steel grab rails (Code:2510005), size 600 x 95mm deep with Franke Fine Grip surface, plugged and screwed to the wall with stainless steel screws</p>	No	2	
	Carried Forward			R
	<p>Second Floor EM Heyns Quantity Surveyors</p>			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
82	Hygiene systems Excel toilet roll dispensers (installation only)	No	6
83	Hygiene system Excel Sanitex soap dispenser (installation only)	No	4
84	Hygiene systems wall mounted rubbish bin (installation only)	No	4
<u>Sanitary plumbing</u>			
	Piping to connect to existing stack pipework as per plan		
85	Internal waste piping (Measured per point)	No	19
<u>Cold Water Supplies</u>			
86	Internal cold water supplies (measured per point)	No	19
<u>Connection for new to existing services</u>			
87	Locating and tying new soil drains into existing stacks in ducts including all connections and adaptations		Item
88	Locating and tying new water pipes into existing stack pipes in ducts including all connections and adaptations		Item
<u>ELECTRICAL INSTALLATION</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
	The contractor must price the electrical bill from the drawings, the bill is deemed to be a summary of the total electrical cost		
89	Inspect the main distribution board and ensure that all the necessary switchgear etc. are compatible with the new installation	No	2
90	Test, commission and issue COC certificate	No	1
Carried Forward			R
Second Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>Strip existing redundant conduits and wiring to</u>		
91	Light point	No 28
92	Isolators	No 2
<u>Provide electrical power including installation and approved fittings, direct couplings, isolators etc. for</u>		
93	White Regent Lighting Solutions LUXON ROUND 174mm 12W LED fitting I292 with Polycarbonate diffuser	No 16
94	OWALight LED profile, cross tee, length: 600 mm, height: 41mm, width: 14.3mm, white exterior, interior: LED profile illuminated over a length of 600mm	No 4
95	OWALight LED profile, cross tee, length: 1200 mm, height: 41 mm, width: 14.3mm, white exterior, with central slot, interior: LED profile illuminated over a length of 1200 mm, profiles delivered ready to plug in, cable length 1200 mm	No 8
96	Occupancy detector LUXOMAT PD2-M-SM, master with circular detection area, surface mounted (Motion Sensor Passive Infrared switching) 7-meter degree occupancy sensor	No 2
97	Occupancy detector LUXOMAT PD2-S-SM, Slave with circular detection area, surface mounted (Passive Infrared sensor) to cubicle light in each stall connected to master unit fitted in general area	No 10
98	Wall mounted hand dryer (PC allowance of R3 500.00 excluding vat and delivery)	No 3
<u>MECHANICAL INSTALLATION</u>		
99	Take out and set aside existing ceiling grilles for re-installation	No 14
100	Take out of storage and fit existing extract grille in new ceiling	No 14
Carried Forward		R
Second Floor		
EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
101	Replace damaged existing flexible ducting with new	No	7
102	Test existing ducting for leaks and repair where required with duct tape		Item
<u>GLAZING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u>			
<u>6mm Silvered float glass copper backed mirrors with 10 mm bevelled and polished edges fixed with double sided adhesive tape</u>			
103	Mirrors mounted to walls size 600 x 1 900mm, supplied and installed complete	No	8
104	Mirrors mounted to walls size 700 x 2 100mm, supplied and installed complete	No	3
<u>PAINTING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>Paintwork, etc. to new work</u>			
<u>Prepare and apply one coat primer and two coats "Plascon" Velvagio satin paint on:</u>			
105	Pressed steel door frames	m2	5
<u>Spot priming defects in pre-primed surfaces with zinc chromate primer and applying one undercoat and 2 coats polyurethane enamel paint on steel:</u>			
<u>Paintwork, etc. to existing work</u>			
Carried Forward			R
Second Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
<u>Prepare and apply one coat primer and two coats "Plascon Wall and All" paint on</u>			
106	Internal walls	m2	67
107	Bulkhead	m2	7
<u>Sand down, prepare and apply one undercoat and two coats "Plascon" Velvagio satin paint on steel:</u>			
108	Doors	m2	44
<u>Prime sanded down areas with one coat wood primer and two coats Plascon Enamel paint</u>			
109	Frames	m2	1
<u>PROVISIONAL SUMS</u>			
<u>Clients allowance</u>			
110	Allowance of R4 000.00 for builders work	Item	4 000.00
<u>Signage</u>			
111	Allow a Provisional Sum of R3 500.00 for supply and installation of signage by specialist	Item	3 500.00
112	Profit and attendance	%	
Total Carried to Summary			R
Second Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Item No		Quantity	Rate	Amount
	<u>BILL NO 3- Third Floor</u>			
	<u>PRELIMINARY AND GENERAL</u>			
	<u>Preliminaries and general are to be priced in accordance with the programme submitted</u>			
	<u>CORE CLAUSES</u>			
	<u>1 General</u>			
1	Project director	Mths		
2	Contract manager	Mths		
3	Cost controller	Mths		
4	Supervisory staff other than those covered in items above	Mths		
5	Support staff other than those covered in items above	Mths		
6	Contractual requirements		SUM	
7	Items not included in the Bill of Quantities included elsewhere in the Preliminary and General item (specify):		SUM	
	Carried Forward		R	
	Third Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>2 The Contractor's main responsibilities</u>		
8	Health and safety compliance services Without limiting the generality of the provisions of the agreement, the contractor's attention is drawn to the provisions of the Construction Regulations, 2003 issued in terms of the Occupational Health and Safety Act, 1993 in which it is specifically stated that the employer shall prepare a documented health and safety specification for the works (attached) and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification.	
	Mths	
9	Site transport	
	Mths	
10	Site accommodation and facilities to be provided by contractor	
	Mths	
11	Temporary chemical toilet, to the approval of the Architect, for the full duration of the project and remove same upon completion	
	Mths	
12	Site security	
	Mths	
13	Clean site and remove rubble	SUM
14	Site surveys	SUM
15	Water supplies - client will provide water at selected points	SUM
16	Power supply - client by client at selected points	SUM
17	Notice boards and signage	SUM
18	Site fencing and gates	SUM
Carried Forward		R
Third Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
19	Hoarding requirements	SUM
20	Scaffolding	SUM
21	Disruptions due to noisy work	Mths
22	The Contractor to provide appropriate shopdrawings of windows etc. for approval	SUM
23	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>3 Time</u>		
24	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>4 Testing and Defects</u>		
25	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>5 Payments</u>		
26	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
Carried Forward		R
Third Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>6 Compensation events</u>		
27	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>7 Title</u>		
28	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>8 Risks and insurance</u>		
29	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>9 Termination</u>		
30	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>ALTERATIONS</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
<u>Removal of existing work</u>		
Carried Forward		R
Third Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
<u>Taking down and cart away roofs, floors, panelling, ceilings, partitions, etc.</u>			
31	Ceilings	m2	28
32	Ceramic wall tiles	m2	102
<u>Take up and cart away floor coverings and prepare surface to receive new</u>			
33	Ceramic floor tiles	m2	28
<u>Taking out and cart away piping, sanitary fittings (sanitaryware handed over to client), etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>			
34	Wash hand basin complete	No	4
35	Vitreous china WC pan complete	No	4
<u>Taking out and carting away glass, mirrors etc.</u>			
36	Mirrors	m2	2
<u>Removing ironmongery from steel frames including filling holes and cart away</u>			
37	Door handle and mortice lock set from timber door	No	5
38	Remove timber double door size 1 500mm wide x 2 030mm high from steel frame and cart away	No	1
<u>Remove fittings, store and handover to client</u>			
39	Existing toilet roll dispenser	No	3
40	Existing soap dispenser	No	2
41	Existing wall mounted rubbish bin	No	2
Carried Forward			R
Third Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward				R
42	Existing hand dryer	No	1	
<u>MASONRY</u>				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
<u>Superstructure</u>				
<u>Brickwork of NFP bricks in class II mortar</u>				
43	One brick wall	m2	5	
<u>Brickwork sundries</u>				
<u>Brickwork reinforcement</u>				
44	150mm Wide reinforcement built in horizontally	m	3	
<u>WATERPROOFING</u>				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
45	Coprox or similar waterproofing to floor applied by specialist	m2	28	
<u>CEILINGS, PARTITIONS & ACCESS</u>				
<u>FLOORING</u>				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
Carried Forward				R
Third Floor EM Heyns Quantity Surveyors				

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
	<u>12.5mm Vinyl Faced Gypsum Ceiling Panels, face-covered with white embossed vinyl, size 600 x 600mm, laid on fire rated OWA construct S3 exposed demountable Butt-cut T24 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</u>		
46	Ceilings not exceeding 1m below concrete slabs	m2	8
	<u>OWAacoustic Sinfonia White Premium biologically absorbable mineral wool ceiling tiles, NRC - 0.85, size 600 x 600 x 15mm with edge 15b and white painted finish, laid on OWAline S15b white-white exposed demountable 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 instructions</u>		
47	Ceilings not exceeding 1m below concrete slabs	m2	14
	<u>Plastered bulkhead</u>		
48	Soffit and side of horizontal bulkheads, size 800 x 150mm high	m	3
	<u>Cornices, etc</u>		
49	OWAconstruct Shadowline W-trim cornice plugged and screwed at 200mm centres	m	47
	<u>JOINERY</u>		
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
50	Door D7 access panel size 430 x 1050mm high	No	2
Carried Forward			R
Third Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>IRONMONGERY</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
<u>Hinges</u>		
51	Dormakaba stainless steel rising butt hinges (code: DRR-SS-012) fitted to steel frames	No 6
52	Assa Abloy ball bearing butt hinges (code: 8352-100SS) fitted to steel frames	No 5
<u>Locks</u>		
53	Assa Abloy stainless steel bathroom/wc lock escutcheon (code: SS5004-73SS)	No 3
54	Assa Abloy aluminium helping hand disabled facility indicator bolt (code: 37651LH/RH)	No 1
55	Euro Profile cylinder deadlock case (code: L-21315-76SS) with stainless steel forend and Assa Abloy Standard 32mm satin chrome single cylinder (code: 2x20SC)	No 2
<u>Handles</u>		
56	Dormakaba DPH 301 stainless steel pull handle	No 2
<u>Door closers</u>		
57	Dormakaba hold open TS71 rack and pinion projecting arm door closer (code: TS 71 H0) mounted on frame - overhead transom (push side)	No 2
<u>Sundries</u>		
58	Stainless steel push plate size 150 x 300mm (code: DPL-SS-CL)	No 2
Carried Forward		R
Third Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
59	Assa Abloy stainless steel kick plate (code: SS5089-200W)	No	2
60	Assa Abloy stainless steel door stop (code: 99022SS)	No	2
61	Assa Abloy aluminium hat and coat hook (code: AL8722AS)	No	3
62	600x400mm Aluminium ventilation grille fitted to existing door	No	2
<u>PLASTERING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>Screed</u>			
63	30mm Thick on concrete floors to receive ceramic tiles	m2	28
<u>Internal Plaster</u>			
64	Single coat plaster on walls (to receive tiles elsewhere)	m2	52
65	Two coat plaster on walls	m2	34
<u>TILING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>UNION Tiles ceramic tiles (Code: 1SAMOMA10A4LA), size 250 x 400 x 6mm thick, laid with joints continuous in both directions, with 3mm wide tile joints</u>			
66	On walls	m2	48
Carried Forward			R
Third Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward				R
	<u>UNION Tiles Glass and Stone 8mm mesh backed glass mosaics, size 23 x 23mm tiles, sheet size 300 x 300mm (Code: 1FALFTDAF2312) fixed mesh side down to internal plastered wall with Weber.set Porcelain L adhesive</u>			
67	On walls	m2	0.4	
	<u>UNION Tiles full body porcelain tiles (Code: 1TREZZ6873M600), size 600 x 600mm, laid with joints continuous in both directions, with 3mm wide tile joints</u>			
68	On floors	m2	28	
69	To walls	m2	3	
70	200mm High cut tile skirting	m	36	
	<u>Corner protection</u>			
71	Genesis interior stainless steel square edge trim (Code:EQS120.84)	m	78	
	<u>INTERNAL PLUMBING</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
	<u>Sanitary fittings</u>			
72	Geberit Abalona vitreous china wall mounted Rimfree WC colour white (Code 500.265.01.1) fixed to cistern frame with stainless steel bolts and nuts, including Geberit Abalona WC Seat Ring (Article No. 500.340.01.1), including Geberit Kombifix element for wall-hung WC, 109 cm, with Sigma concealed cistern 8 cm deep.(Code: 110.792.00.1) including Geberit dual flush Actuator (code 115.889.sn.1) complete all in accordance with manufacturer's recommendations	No	3	
Carried Forward				R
Third Floor				
EM Heyns Quantity Surveyors				

**WITS: Chamber of Mines
Refurbishment of Ablutions**

	Brought Forward			R
73	<p>Geberit Abalona vitreous china wall mounted Rimfree WC colour white (Code 500.265.01.1) fixed to cistern frame with stainless steel bolts and nuts, including Geberit Abalona WC Seat Ring (Article No. 500.340.01.1), including Geberit Kombifix element for wall-hung WC, 109 cm, with Sigma concealed cistern 8 cm deep.(Code: 110.792.00.1) including Geberit actuator plate Mambo (code 115.889.sn.1) including Geberit remove flush actuation type 1 (code: 116.045.11.1) complete all in accordance with manufacturer's recommendations</p>	No	1	
74	<p>Geberit Abalona Square washbasin complete: B55cm white with 1 tap hole (Code: 500.290.01.1) including integrated overflow and waste hole, fixed to wall including Franke AQUAMIX-C AQUA 202 stainless steel self closing single mixer (Code: 2150006) with automatic and backlash-free closure, adjustable flow duration, finely adjustable and twist-proof temperature stop, connected to cold water only angle valve with 15mm flexible connection including Cobra Watertech 15mm ball type angle valve (Code: 832-10) including Cobra Watertech 32mm chrome plated bottle trap (Code: 350) including Cobra Watertech 20mm Brass F x F inlets and stainless steel double mesh strainer basket (Code: 1050-20) including Cobra Watertech 20mm Damara Stoptap (Code DA-138-20)</p>	No	3	
	Carried Forward			R
	Third Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

	Brought Forward			R
75	<p>Geberit Abalona Square washbasin, barrier-free: B55cm white (Code: 500.302.01.1) with one taphole including integrated overflow and waste hole including Cobra Watertech 15mm chrome plated basin mixer (Code: NM-851) with aerated fixed straight spout, manufactured in accordance with SANS 1480:2005 (BS EN 1286) including Cobra Watertech 15mm ball type angle valve (Code: 832-10) including Geberit 151.120.21.1 concealed trap for disabled washbasin, with in-wall cabinet and ready-to-fit set, horizontal outlet: d50 - 56mm G1 1/4" d1=32mm bright chrome-plated finish including Cobra Watertech 20mm Brass F x F inlets and stainless steel double mesh strainer basket (Code: 1050-20) and Cobra Watertech 20mm Damara Stoptap (Code DA-138-20)</p>	No	1	
	<u>Sundries</u>			
76	<p>Franke CNTXPARG satin finished stainless steel paraplegic grab rail (Code: 2510012), size 300 x 96 x 300mm with Franke Fine Grip surface, plugged and screwed to the wall with stainless steel screws</p>	No	1	
77	<p>Franke CNTX600 32mm diameter satin finished stainless steel grab rails (Code:2510005), size 600 x 95mm deep with Franke Fine Grip surface, plugged and screwed to the wall with stainless steel screws</p>	No	1	
78	<p>Hygiene systems Excel toilet roll dispensers (installation only)</p>	No	3	
79	<p>Hygiene system Excel Sanitex soap dispenser (installation only)</p>	No	2	
80	<p>Hygiene systems wall mounted rubbish bin (installation only)</p>	No	2	
	<u>Sanitary plumbing</u>			
	Piping to connect to existing stack pipework as per plan			
	Carried Forward			R
	Third Floor			
	EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

	Brought Forward				R
81	Internal waste piping (Measured per point)	No	8		
	<u>Cold Water Supplies</u>				
82	Internal cold water supplies (measured per point)	No	8		
	<u>Connection for new to existing services</u>				
83	Locating and tying new soil drains into existing stacks in ducts including all connections and adaptations			Item	
84	Locating and tying new water pipes into existing stack pipes in ducts including all connections and adaptations			Item	
	<u>ELECTRICAL INSTALLATION</u>				
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
	The contractor must price the electrical bill from the drawings, the bill is deemed to be a summary of the total electrical cost				
85	Inspect the main distribution board and ensure that all the necessary switchgear etc. are compatible with the new installation	No	2		
86	Test, commission and issue COC certificate	No	1		
	<u>Strip existing redundant conduits and wiring to</u>				
87	Light point	No	14		
88	Isolators	No	2		
	<u>Provide electrical power including installation and approved fittings, direct couplings, isolators etc. for</u>				
89	White Regent Lighting Solutions LUXON ROUND 174mm 12W LED fitting I292 with Polycarbonate diffuser	No	8		
	Carried Forward				R
	Third Floor				
	EM Heyns Quantity Surveyors				

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
90	OWALight LED profile, cross tee, length: 600 mm, height: 41mm, width: 14.3mm, white exterior, interior: LED profile illuminated over a length of 600mm	2
91	OWALight LED profile, cross tee, length: 1200 mm, height: 41 mm, width: 14.3mm, white exterior, with central slot, interior: LED profile illuminated over a length of 1200 mm, profiles delivered ready to plug in, cable length 1200 mm	4
92	Occupancy detector LUXOMAT PD2-M-SM, master with circular detection area, surface mounted (Motion Sensor Passive Infrared switching) 7-meter degree occupancy sensor	1
93	Occupancy detector LUXOMAT PD2-S-SM, Slave with circular detection area, surface mounted (Passive Infrared sensor) to cubicle light in each stall connected to master unit fitted in general area	5
94	Wall mounted hand dryer (PC allowance of R3 500.00 excluding vat and delivery)	2
<u>MECHANICAL INSTALLATION</u>		
95	Take out and set aside existing ceiling grilles for re-installation	7
96	Take out of storage and fit existing extract grille in new ceiling	7
97	Replace damaged existing flexible ducting with new	3
98	Test existing ducting for leaks and repair where required with duct tape	Item
<u>GLAZING</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
Carried Forward		R
Third Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u>		
<u>6mm Silvered float glass copper backed mirrors with 10 mm bevelled and polished edges fixed with double sided adhesive tape</u>		
99	Mirrors mounted to walls size 600 x 1 900mm, supplied and installed complete	No 4
100	Mirrors mounted to walls size 700 x 2 100mm, supplied and installed complete	No 2
<u>PAINTING</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
<u>Paintwork, etc. to new work</u>		
<u>Prepare and apply one coat primer and two coats "Plascon" Velvagio satin paint on:</u>		
101	Pressed steel door frames	m2 2
<u>Spot priming defects in pre-primed surfaces with zinc chromate primer and applying one undercoat and 2 coats polyurethane enamel paint on steel:</u>		
<u>Paintwork, etc. to existing work</u>		
<u>Prepare and apply one coat primer and two coats "Plascon Wall and All" paint on</u>		
102	Internal walls	m2 34
103	Bulkhead	m2 4
<u>Sand down, prepare and apply one undercoat and two coats "Plascon" Velvagio satin paint on steel:</u>		
104	Doors	m2 22
Carried Forward		R
Third Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

		Brought Forward			R
	<u>Prime sanded down areas with one coat wood primer and two coats Plascon Enamel paint</u>				
105	Frames	m2	0.3		
	<u>PROVISIONAL SUMS</u>				
	<u>Clients allowance</u>				
106	Allowance of R4 000.00 for builders work		Item		4 000.00
	<u>Signage</u>				
107	Allow a Provisional Sum of R3 500.00 for supply and installation of signage by specialist		Item		3 500.00
108	Profit and attendance			%	
	Total Carried to Summary				R
	Third Floor				
	EM Heyns Quantity Surveyors				

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Item No		Quantity	Rate	Amount
	<u>BILL 4- Lower Ground Floor</u>			
	<u>PRELIMINARY AND GENERAL</u>			
	<u>Preliminaries and general are to be priced in accordance with the programme submitted</u>			
	<u>CORE CLAUSES</u>			
	<u>1 General</u>			
1	Project director	Mths		
2	Contract manager	Mths		
3	Cost controller	Mths		
4	Supervisory staff other than those covered in items above	Mths		
5	Support staff other than those covered in items above	Mths		
6	Contractual requirements		SUM	
7	Items not included in the Bill of Quantities included elsewhere in the Preliminary and General item (specify):		SUM	
	Carried Forward		R	
	Lower Ground Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>2 The Contractor's main responsibilities</u>		
8	Health and safety compliance services Without limiting the generality of the provisions of the agreement, the contractor's attention is drawn to the provisions of the Construction Regulations, 2003 issued in terms of the Occupational Health and Safety Act, 1993 in which it is specifically stated that the employer shall prepare a documented health and safety specification for the works (attached) and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification.	
	Mths	
9	Site transport	
	Mths	
10	Site accommodation and facilities to be provided by contractor	
	Mths	
11	Temporary chemical toilet, to the approval of the Architect, for the full duration of the project and remove same upon completion	
	Mths	
12	Site security	
	Mths	
13	Clean site and remove rubble	SUM
14	Site surveys	SUM
15	Water supplies - client will provide water at selected points	SUM
16	Power supply - client by client at selected points	SUM
17	Notice boards and signage	SUM
18	Site fencing and gates	SUM
Carried Forward		R
Lower Ground Floor		
EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
19	Hoarding requirements	SUM
20	Scaffolding	SUM
21	Disruptions due to noisy work	Mths
22	The Contractor to provide appropriate shopdrawings of windows etc. for approval	SUM
23	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>3 Time</u>		
24	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>4 Testing and Defects</u>		
25	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>5 Payments</u>		
26	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
Carried Forward		R
Lower Ground Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

	Brought Forward			R
	<u>6 Compensation events</u>			
27	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>7 Title</u>			
28	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>8 Risks and insurance</u>			
29	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>9 Termination</u>			
30	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>ALTERATIONS</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
	<u>Removal of existing work</u>			
	Carried Forward			R
	Lower Ground Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
<u>Taking down and cart away roofs, floors, panelling, ceilings, partitions, etc.</u>			
31	Ceilings	m2	54
32	Ceramic wall tiles	m2	227
<u>Take up and cart away floor coverings and prepare surface to receive new</u>			
33	Ceramic floor tiles	m2	54
<u>Taking out and cart away piping, sanitary fittings (sanitaryware handed over to client), etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>			
34	Wash hand basin complete	No	14
35	Vitreous china WC pan complete	No	9
36	Urinal complete	No	4
<u>Taking out and carting away glass, mirrors etc.</u>			
37	Mirrors	m2	9
<u>Removing ironmongery from steel frames including filling holes and cart away</u>			
38	Door handle and mortice lock set from timber door	No	12
<u>Remove fittings, store and handover to client</u>			
39	Existing toilet roll dispenser	No	9
40	Existing soap dispenser	No	8
41	Existing wall mounted rubbish bin	No	4
42	Existing hand dryer	No	1
Carried Forward			R
Lower Ground Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>MASONRY</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
<u>Superstructure</u>		
<u>Brickwork of NFP bricks in class II mortar</u>		
43	One brick wall	m2 5
<u>Brickwork sundries</u>		
<u>Brickwork reinforcement</u>		
44	150mm Wide reinforcement built in horizontally	m 3
<u>WATERPROOFING</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
45	Coprox or similar waterproofing to floor applied by specialist	m2 54
<u>CEILING, PARTITIONS & ACCESS</u>		
<u>FLOORING</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
Carried Forward		R
Lower Ground Floor		
EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
	<u>12.5mm Vinyl Faced Gypsum Ceiling Panels, face-covered with white embossed vinyl, size 600 x 600mm, laid on fire rated OWA construct S3 exposed demountable Butt-cut T24 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</u>		
46	Ceilings not exceeding 1m below concrete slabs	m2	11
	<u>OWAacoustic Sinfonia White Premium biologically absorbable mineral wool ceiling tiles, NRC - 0.85, size 600 x 600 x 15mm with edge 15b and white painted finish, laid on OWAline S15b white-white exposed demountable 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 instructions</u>		
47	Ceilings not exceeding 1m below concrete slabs	m2	29
	<u>Plastered bulkhead</u>		
48	Soffit and side of horizontal bulkheads, size 800 x 150mm high	m	12
	<u>Cornices, etc</u>		
49	OWAconstruct Shadowline W-trim cornice plugged and screwed at 200mm centres	m	92
	<u>JOINERY</u>		
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
Carried Forward			R
Lower Ground Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
<u>IRONMONGERY</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>Hinges</u>			
50	Dormakaba stainless steel rising butt hinges (code: DRR-SS-012) fitted to steel frames	No	18
51	Assa Abloy ball bearing butt hinges (code: 8352-100SS) fitted to steel frames	No	6
<u>Locks</u>			
52	Assa Abloy stainless steel bathroom/wc lock escutcheon (code: SS5004-73SS)	No	9
53	Euro Profile cylinder deadlock case (code: L-21315-76SS) with stainless steel forend and Assa Abloy Standard 32mm satin chrome single cylinder (code: 2x20SC)	No	3
<u>Handles</u>			
54	Assa Abloy Dove handle including 152 x 76mm anodised silver backplate (code: AL63D63-05AS)	No	2
55	Dormakaba DPH 301 stainless steel pull handle	No	2
<u>Door closers</u>			
56	Dormakaba hold open TS71 rack and pinion projecting arm door closer (code: TS 71 H0) mounted on frame - overhead transom (push side)	No	2
<u>Sundries</u>			
57	Stainless steel push plate size 150 x 300mm (code: DPL-SS-CL)	No	4
Carried Forward			R
Lower Ground Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
58	Assa Abloy stainless steel kick plate (code: SS5089-200W)	No	4
59	Assa Abloy stainless steel door stop (code: 99022SS)	No	3
60	Assa Abloy aluminium hat and coat hook (code: AL8722AS)	No	9
61	600x400mm Aluminium ventilation grille fitted to existing door	No	2
<u>PLASTERING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>Screed</u>			
62	30mm Thick on concrete floors to receive ceramic tiles	m2	54
<u>Internal Plaster</u>			
63	Single coat plaster on walls (to receive tiles elsewhere)	m2	108
64	Two coat plaster on walls	m2	78
<u>TILING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>UNION Tiles ceramic tiles (Code: 1SAMOMA10A4LA), size 250 x 400 x 6mm thick, laid with joints continuous in both directions, with 3mm wide tile joints</u>			
65	On walls	m2	101
Carried Forward			R
Lower Ground Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
	<u>UNION Tiles Glass and Stone 8mm mesh backed glass mosaics, size 23 x 23mm tiles, sheet size 300 x 300mm (Code: 1FALFTDAF2312) fixed mesh side down to internal plastered wall with Weber.set Porcelain L adhesive</u>		
66	On walls	m2	2
	<u>UNION Tiles full body porcelain tiles (Code: 1TREZZ6873M600), size 600 x 600mm, laid with joints continuous in both directions, with 3mm wide tile joints</u>		
67	On floors	m2	54
68	To walls	m2	6
69	200mm High cut tile skirting	m	74
	<u>Corner protection</u>		
70	Genesis interior stainless steel square edge trim (Code:EQS120.84)	m	172
	<u>INTERNAL PLUMBING</u>		
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
	<u>Sanitary fittings</u>		
71	Geberit Abalona vitreous china wall mounted Rimfree WC colour white (Code 500.265.01.1) fixed to cistern frame with stainless steel bolts and nuts, including Geberit Abalona WC Seat Ring (Article No. 500.340.01.1), including Geberit Kombifix element for wall-hung WC, 109 cm, with Sigma concealed cistern 8 cm deep.(Code: 110.792.00.1) including Geberit dual flush Actuator (code 115.889.sn.1) complete all in accordance with manufacturer's recommendations	No	9
Carried Forward			R
Lower Ground Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
72	Geberit Abalona Square washbasin complete: B55cm white with 1 tap hole (Code: 500.290.01.1) including integrated overflow and waste hole, fixed to wall including Franke AQUAMIX-C AQUA 202 stainless steel self closing single mixer (Code: 2150006) with automatic and backlash-free closure, adjustable flow duration, finely adjustable and twist-proof temperature stop, connected to cold water only angle valve with 15mm flexible connection including Cobra Watertech 15mm ball type angle valve (Code: 832-10) including Cobra Watertech 32mm chrome plated bottle trap (Code: 350) including Cobra Watertech 20mm Brass F x F inlets and stainless steel double mesh strainer basket (Code: 1050-20) including Cobra Watertech 20mm Damara Stoptap (Code DA-138-20)	No 14
73	VAAL Sanitaryware 565 x 275 x 310mm Sweetpea top inlet white vitreous china wall mounted urinal (Code: 705126WH) including 38mm chromium plated domical grating and chromium plated top inlet spreader (Code: 7054Z000), flush valve COBRA (Code: FJ6000) and flush pipe COBRA (Code: FJT5.5), fixed on and including two hanger brackets VAAL (Code: 8127Z000) completed in accordance with the manufacturers instructions	No 4
74	GEBERIT Urinal vitreous china division (Code:500.345.01.01) fixed with and including fixing screws and hanger bracket	No 3
<u>Sundries</u>		
75	Hygiene systems Excel toilet roll dispensers (installation only)	No 9
76	Hygiene system Excel Sanitex soap dispenser (installation only)	No 8
Carried Forward		R
Lower Ground Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
77	Hygiene systems wall mounted rubbish bin (installation only)	No	4
<u>Sanitary plumbing</u>			
	Piping to connect to existing stack pipework as per plan		
78	Internal waste piping (Measured per point)	No	27
<u>Cold Water Supplies</u>			
79	Internal cold water supplies (measured per point)	No	27
<u>Connection for new to existing services</u>			
80	Locating and tying new soil drains into existing stacks in ducts including all connections and adaptations		Item
81	Locating and tying new water pipes into existing stack pipes in ducts including all connections and adaptations		Item
<u>ELECTRICAL INSTALLATION</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
The contractor must price the electrical bill from the drawings, the bill is deemed to be a summary of the total electrical cost			
82	Inspect the main distribution board and ensure that all the necessary switchgear etc. are compatible with the new installation	No	2
83	Test, commission and issue COC certificate	No	1
<u>Strip existing redundant conduits and wiring to</u>			
84	Light point	No	33
85	Isolators	No	2
Carried Forward			R
Lower Ground Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>Provide electrical power including installation and approved fittings, direct couplings, isolators etc. for</u>		
86	White Regent Lighting Solutions LUXON ROUND 174mm 12W LED fitting I292 with Polycarbonate diffuser	23
87	OWALight LED profile, cross tee, length: 600 mm, height: 41mm, width: 14.3mm, white exterior, interior: LED profile illuminated over a length of 600mm	4
88	OWALight LED profile, cross tee, length: 1200 mm, height: 41 mm, width: 14.3mm, white exterior, with central slot, interior: LED profile illuminated over a length of 1200 mm, profiles delivered ready to plug in, cable length 1200 mm	6
89	Occupancy detector LUXOMAT PD2-M-SM, master with circular detection area, surface mounted (Motion Sensor Passive Infrared switching) 7-meter degree occupancy sensor	2
90	Occupancy detector LUXOMAT PD2-S-SM, Slave with circular detection area, surface mounted (Passive Infrared sensor) to cubicle light in each stall connected to master unit fitted in general area	9
91	Wall mounted hand dryer (PC allowance of R3 500.00 excluding vat and delivery)	4
<u>MECHANICAL INSTALLATION</u>		
92	Take out and set aside existing ceiling grilles for re-installation	20
93	Take out of storage and fit existing extract grille in new ceiling	20
94	Replace damaged existing flexible ducting with new	10
95	Test existing ducting for leaks and repair where required with duct tape	Item
Carried Forward		R
Lower Ground Floor		
EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward							
						R	
<u>GLAZING</u>							
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)							
<u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u>							
<u>6mm Silvered float glass copper backed mirrors with 10 mm bevelled and polished edges fixed with double sided adhesive tape</u>							
96	Mirrors mounted to walls size 600 x 1 900mm, supplied and installed complete	No		15			
97	Mirrors mounted to walls size 700 x 2 100mm, supplied and installed complete	No		4			
<u>PAINTING</u>							
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)							
<u>Paintwork, etc. to new work</u>							
<u>Prepare and apply one coat primer and two coats "Plascon" Velvagio satin paint on:</u>							
98	Pressed steel door frames	m2		6			
<u>Spot priming defects in pre-primed surfaces with zinc chromate primer and applying one undercoat and 2 coats polyurethane enamel paint on steel:</u>							
<u>Paintwork, etc. to existing work</u>							
<u>Prepare and apply one coat primer and two coats "Plascon Wall and All" paint on</u>							
99	Internal walls	m2		78			
Carried Forward						R	
Lower Ground Floor							
EM Heyns Quantity Surveyors							

**WITS: Chamber of Mines
Refurbishment of Ablutions**

		Brought Forward		R	
100	Bulkhead	m2	13		
	<u>Sand down, prepare and apply one undercoat and two coats "Plascon" Velvagio satin paint on steel:</u>				
101	Doors	m2	56		
	<u>PROVISIONAL SUMS</u>				
	<u>Clients allowance</u>				
102	Allowance of R4 000.00 for builders work		Item		4 000.00
	<u>Signage</u>				
103	Allow a Provisional Sum of R3 500.00 for supply and installation of signage by specialist		Item		3 500.00
104	Profit and attendance			%	
	Total Carried to Summary			R	
	Lower Ground Floor				
	EM Heyns Quantity Surveyors				

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Item No		Quantity	Rate	Amount
	<u>BILL NO 5- Upper Ground Floor</u>			
	<u>PRELIMINARY AND GENERAL</u>			
	<u>Preliminaries and general are to be priced in accordance with the programme submitted</u>			
	<u>CORE CLAUSES</u>			
	<u>1 General</u>			
1	Project director	Mths		
2	Contract manager	Mths		
3	Cost controller	Mths		
4	Supervisory staff other than those covered in items above	Mths		
5	Support staff other than those covered in items above	Mths		
6	Contractual requirements		SUM	
7	Items not included in the Bill of Quantities included elsewhere in the Preliminary and General item (specify):		SUM	
	Carried Forward		R	
	Upper Ground Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>2 The Contractor's main responsibilities</u>		
8	Health and safety compliance services Without limiting the generality of the provisions of the agreement, the contractor's attention is drawn to the provisions of the Construction Regulations, 2003 issued in terms of the Occupational Health and Safety Act, 1993 in which it is specifically stated that the employer shall prepare a documented health and safety specification for the works (attached) and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification.	
	Mths	
9	Site transport	
	Mths	
10	Site accommodation and facilities to be provided by contractor	
	Mths	
11	Temporary chemical toilet, to the approval of the Architect, for the full duration of the project and remove same upon completion	
	Mths	
12	Site security	
	Mths	
13	Clean site and remove rubble	SUM
14	Site surveys	SUM
15	Water supplies - client will provide water at selected points	SUM
16	Power supply - client by client at selected points	SUM
17	Notice boards and signage	SUM
18	Site fencing and gates	SUM
Carried Forward		R
Upper Ground Floor		
EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
19	Hoarding requirements	SUM
20	Scaffolding	SUM
21	Disruptions due to noisy work	Mths
22	The Contractor to provide appropriate shopdrawings of windows etc. for approval	SUM
23	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>3 Time</u>		
24	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>4 Testing and Defects</u>		
25	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
<u>5 Payments</u>		
26	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)	SUM
Carried Forward		R
Upper Ground Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

	Brought Forward			R
	<u>6 Compensation events</u>			
27	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>7 Title</u>			
28	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>8 Risks and insurance</u>			
29	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>9 Termination</u>			
30	Items which are not covered in items above or in the Bill of Quantities and falls within Defined Cost of work (see clause 11.2 (23) in the NEC3 ECC) (specify)			SUM
	<u>ALTERATIONS</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
	<u>Removal of existing work</u>			
	Carried Forward			R
	Upper Ground Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
<u>Taking down and cart away roofs, floors, panelling, ceilings, partitions, etc.</u>			
31	Ceilings	m2	25
32	Ceramic wall tiles	m2	114
<u>Take up and cart away floor coverings and prepare surface to receive new</u>			
33	Ceramic floor tiles	m2	25
<u>Taking out and cart away piping, sanitary fittings (sanitaryware handed over to client), etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>			
34	Wash hand basin complete	No	3
35	Vitreous china WC pan complete	No	3
36	Urinal complete	No	1
<u>Taking out and carting away glass, mirrors etc.</u>			
37	Mirrors	m2	5
<u>Removing ironmongery from steel frames including filling holes and cart away</u>			
38	Door handle and mortice lock set from timber door	No	5
<u>Remove fittings, store and handover to client</u>			
39	Existing toilet roll dispenser	No	3
40	Existing soap dispenser	No	2
41	Existing wall mounted rubbish bin	No	2
42	Existing hand dryer	No	1
Carried Forward			R
Upper Ground Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>MASONRY</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
<u>Superstructure</u>		
<u>Brickwork of NFP bricks in class II mortar</u>		
43	One brick wall	m2 5
<u>Brickwork sundries</u>		
<u>Brickwork reinforcement</u>		
44	150mm Wide reinforcement built in horizontally	m 3
<u>WATERPROOFING</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
45	Coprox or similar waterproofing to floor applied by specialist	m2 25
<u>CEILINGS, PARTITIONS & ACCESS</u>		
<u>FLOORING</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
Carried Forward		R
Upper Ground Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
	<u>12.5mm Vinyl Faced Gypsum Ceiling Panels, face-covered with white embossed vinyl, size 600 x 600mm, laid on fire rated OWA construct S3 exposed demountable Butt-cut T24 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</u>		
46	Ceilings not exceeding 1m below concrete slabs	m2	5
	<u>OWAacoustic Sinfonia White Premium biologically absorbable mineral wool ceiling tiles, NRC - 0.85, size 600 x 600 x 15mm with edge 15b and white painted finish, laid on OWAline S15b white-white exposed demountable 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 instructions</u>		
47	Ceilings not exceeding 1m below concrete slabs	m2	11
	<u>Plastered bulkhead</u>		
48	Soffit and side of horizontal bulkheads, size 800 x 150mm high	m	6
	<u>Cornices, etc</u>		
49	OWAconstruct Shadowline W-trim cornice plugged and screwed at 200mm centres	m	41
	<u>JOINERY</u>		
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
Carried Forward			R
Upper Ground Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>IRONMONGERY</u>		
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
<u>Hinges</u>		
50	Dormakaba stainless steel rising butt hinges (code: DRR-SS-012) fitted to steel frames	No 6
51	Assa Abloy ball bearing butt hinges (code: 8352-100SS) fitted to steel frames	No 4
<u>Locks</u>		
52	Assa Abloy stainless steel bathroom/wc lock escutcheon (code: SS5004-73SS)	No 3
53	Euro Profile cylinder deadlock case (code: L-21315-76SS) with stainless steel forend and Assa Abloy Standard 32mm satin chrome single cylinder (code: 2x20SC)	No 2
<u>Handles</u>		
54	Dormakaba DPH 301 stainless steel pull handle	No 2
<u>Door closers</u>		
55	Dormakaba hold open TS71 rack and pinion projecting arm door closer (code: TS 71 H0) mounted on frame - overhead transom (push side)	No 2
<u>Sundries</u>		
56	Stainless steel push plate size 150 x 300mm (code: DPL-SS-CL)	No 4
57	Assa Abloy stainless steel kick plate (code: SS5089-200W)	No 4
Carried Forward		R
Upper Ground Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
58	Assa Abloy stainless steel door stop (code: 99022SS)	No	2
59	Assa Abloy aluminium hat and coat hook (code: AL8722AS)	No	3
60	600x400mm Aluminium ventilation grille fitted to existing door	No	2
<u>PLASTERING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>Screed</u>			
61	30mm Thick on concrete floors to receive ceramic tiles	m2	25
<u>Internal Plaster</u>			
62	Single coat plaster on walls (to receive tiles elsewhere)	m2	61
63	Two coat plaster on walls	m2	33
<u>TILING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>UNION Tiles ceramic tiles (Code: 1SAMOMA10A4LA), size 250 x 400 x 6mm thick, laid with joints continuous in both directions, with 3mm wide tile joints</u>			
64	On walls	m2	59
Carried Forward			R
Upper Ground Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
	<u>UNION Tiles Glass and Stone 8mm mesh backed glass mosaics, size 23 x 23mm tiles, sheet size 300 x 300mm (Code: 1FALFTDAF2312) fixed mesh side down to internal plastered wall with Weber.set Porcelain L adhesive</u>		
65	On walls	m2	1
	<u>UNION Tiles full body porcelain tiles (Code: 1TREZZ6873M600), size 600 x 600mm, laid with joints continuous in both directions, with 3mm wide tile joints</u>		
66	On floors	m2	25
67	To walls	m2	2
68	200mm High cut tile skirting	m	36
	<u>Corner protection</u>		
69	Genesis interior stainless steel square edge trim (Code:EQS120.84)	m	84
	<u>INTERNAL PLUMBING</u>		
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)		
	<u>Sanitary fittings</u>		
70	Geberit Abalona vitreous china wall mounted Rimfree WC colour white (Code 500.265.01.1) fixed to cistern frame with stainless steel bolts and nuts, including Geberit Abalona WC Seat Ring (Article No. 500.340.01.1), including Geberit Kombifix element for wall-hung WC, 109 cm, with Sigma concealed cistern 8 cm deep.(Code: 110.792.00.1) including Geberit dual flush Actuator (code 115.889.sn.1) complete all in accordance with manufacturer's recommendations	No	3
Carried Forward			R
Upper Ground Floor EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

	Brought Forward				R
71	<p>Geberit Abalona Square washbasin complete: B55cm white with 1 tap hole (Code: 500.290.01.1) including integrated overflow and waste hole, fixed to wall including</p> <p>Franke AQUAMIX-C AQUA 202 stainless steel self closing single mixer (Code: 2150006) with automatic and backlash-free closure, adjustable flow duration, finely adjustable and twist-proof temperature stop, connected to cold water only angle valve with 15mm flexible connection including</p> <p>Cobra Watertech 15mm ball type angle valve (Code: 832-10) including</p> <p>Cobra Watertech 32mm chrome plated bottle trap (Code: 350) including</p> <p>Cobra Watertech 20mm Brass F x F inlets and stainless steel double mesh strainer basket (Code: 1050-20) including</p> <p>Cobra Watertech 20mm Damara Stoptap (Code DA-138-20)</p>	No	3		
72	<p>VAAL Sanitaryware 565 x 275 x 310mm Sweetpea top inlet white vitreous china wall mounted urinal (Code: 705126WH) including 38mm chromium plated domical grating and chromium plated top inlet spreader (Code: 7054Z000), flush valve COBRA (Code: FJ6000) and flush pipe COBRA (Code: FJT5.5), fixed on and including two hanger brackets VAAL (Code: 8127Z000) completed in accordance with the manufacturers instructions</p>	No	1		
	<u>Sundries</u>				
73	Hygiene systems Excel toilet roll dispensers (installation only)	No	3		
74	Hygiene system Excel Sanitex soap dispenser (installation only)	No	2		
75	Hygiene systems wall mounted rubbish bin (installation only)	No	2		
	Carried Forward				R
	Upper Ground Floor EM Heyns Quantity Surveyors				

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward			R
<u>Sanitary plumbing</u>			
Piping to connect to existing stack pipework as per plan			
76	Internal waste piping (Measured per point)	No	7
<u>Cold Water Supplies</u>			
77	Internal cold water supplies (measured per point)	No	7
<u>Connection for new to existing services</u>			
78	Locating and tying new soil drains into existing stacks in ducts including all connections and adaptations		Item
79	Locating and tying new water pipes into existing stack pipes in ducts including all connections and adaptations		Item
<u>ELECTRICAL INSTALLATION</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
The contractor must price the electrical bill from the drawings, the bill is deemed to be a summary of the total electrical cost			
80	Inspect the main distribution board and ensure that all the necessary switchgear etc. are compatible with the new installation	No	2
81	Test, commission and issue COC certificate	No	1
<u>Strip existing redundant conduits and wiring to</u>			
82	Light point	No	13
83	Isolators	No	2
Carried Forward			R
Upper Ground Floor			
EM Heyns Quantity Surveyors			

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward		R
<u>Provide electrical power including installation and approved fittings, direct couplings, isolators etc. for</u>		
84	White Regent Lighting Solutions LUXON ROUND 174mm 12W LED fitting I292 with Polycarbonate diffuser	8
85	OWALight LED profile, cross tee, length: 600 mm, height: 41mm, width: 14.3mm, white exterior, interior: LED profile illuminated over a length of 600mm	2
86	OWALight LED profile, cross tee, length: 1200 mm, height: 41 mm, width: 14.3mm, white exterior, with central slot, interior: LED profile illuminated over a length of 1200 mm, profiles delivered ready to plug in, cable length 1200 mm	3
87	Occupancy detector LUXOMAT PD2-M-SM, master with circular detection area, surface mounted (Motion Sensor Passive Infrared switching) 7-meter degree occupancy sensor	1
88	Occupancy detector LUXOMAT PD2-S-SM, Slave with circular detection area, surface mounted (Passive Infrared sensor) to cubicle light in each stall connected to master unit fitted in general area	4
89	Wall mounted hand dryer (PC allowance of R3 500.00 excluding vat and delivery)	2
<u>MECHANICAL INSTALLATION</u>		
90	Take out and set aside existing ceiling grilles for re-installation	7
91	Take out of storage and fit existing extract grille in new ceiling	7
92	Replace damaged existing flexible ducting with new	4
93	Test existing ducting for leaks and repair where required with duct tape	Item
Carried Forward		R
Upper Ground Floor EM Heyns Quantity Surveyors		

**WITS: Chamber of Mines
Refurbishment of Ablutions**

Brought Forward				R
<u>GLAZING</u>				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
<u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u>				
<u>6mm Silvered float glass copper backed mirrors with 10 mm bevelled and polished edges fixed with double sided adhesive tape</u>				
94	Mirrors mounted to walls size 600 x 1 900mm, supplied and installed complete	No	5	
95	Mirrors mounted to walls size 700 x 2 100mm, supplied and installed complete	No	2	
<u>PAINTING</u>				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)				
<u>Paintwork, etc. to new work</u>				
<u>Prepare and apply one coat primer and two coats "Plascon" Velvagio satin paint on:</u>				
96	Pressed steel door frames	m2	1	
<u>Spot priming defects in pre-primed surfaces with zinc chromate primer and applying one undercoat and 2 coats polyurethane enamel paint on steel:</u>				
<u>Paintwork, etc. to existing work</u>				
<u>Prepare and apply one coat primer and two coats "Plascon Wall and All" paint on</u>				
97	Internal walls	m2	33	
Carried Forward				R
Upper Ground Floor EM Heyns Quantity Surveyors				

**WITS: Chamber of Mines
Refurbishment of Ablutions**

		Brought Forward		R	
98	Bulkhead	m2	7		
	<u>Sand down, prepare and apply one undercoat and two coats "Plascon" Velvagio satin paint on steel:</u>				
99	Doors	m2	20		
	<u>PROVISIONAL SUMS</u>				
	<u>Clients allowance</u>				
100	Allowance of R4 000.00 for builders work		Item		4 000.00
	<u>Signage</u>				
101	Allow a Provisional Sum of R3 500.00 for supply and installation of signage by specialist		Item		3 500.00
102	Profit and attendance			%	
	Total Carried to Summary			R	
	Upper Ground Floor				
	EM Heyns Quantity Surveyors				

**WITS: Chamber of Mines
Refurbishment of Ablutions**

SECTIONAL SUMMARY		Page No	Amount
Bill No			
1	First Floor	17	
2	Second Floor	33	
3	Third Floor	49	
4	Lower Ground Floor	64	
5	Upper Ground Floor	79	
	Sub-total		R
	V A T (15%)		R
Total Carried to Offer and Acceptance			R
EM Heyns Quantity Surveyors			