

Item No		Quantity	Rate	Amount
<p><u>SECTION NO. 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARY AND GENERAL</u></p>				
<p><u>PRELIMINARY AND GENERAL (Applicable to the whole of the Works)</u></p>				
1	Project director (G1).		SUM	
2	Contracts manager (G2).		SUM	
3	Cost controller (G3).		SUM	
4	Supervisory staff other than those identified in items G1 to G3 (G4).		SUM	
5	Support staff not included in activities in the Activity Schedule or items G1 to G4 (G5).		SUM	
6	Health and safety compliance services (G6).		SUM	
7	Site transport (G7).		SUM	
8	Site accommodation and facilities (G8).		SUM	
9	Site toilets (G9).		SUM	
10	Site security (G10).		SUM	
11	Clean site and remove rubble (G11).		SUM	
12	Site surveys (G12).		SUM	
13	Health and safety (G13).		SUM	
14	Water (G14).		SUM	
<p>Carried to Collection</p>			R	
<p>Section No. 1 Bill No. 1 Preliminaries</p>				

15	Power (G15).		SUM		
16	Notice boards (G16).		SUM		
17	Site fencing and gates (G17).		SUM		
18	Hoarding requirements (G18).		SUM		
19	Scaffolding (G19).		SUM		
20	Equipment not included in the bill of quantities included elsewhere in the Preliminary and General Items (specify) (G20).		SUM		
Carried to Collection					
Section No. 1 Bill No. 1 Preliminaries				R	

Section No. 1 Bill No. 1 Preliminaries <u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 1		Amount	
	2			
Carried to Final Summary			R	
Section No. 1 Bill No. 1 Preliminaries				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 1</u></p> <p><u>ALTERATIONS</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Site inspection</u></p> <p>The Tenderer is advised to visit the site, inspect the existing premises and acquaint himself thoroughly with the nature of the work specified.</p> <p><u>Sizes and dimensions</u></p> <p>All sizes and dimensions stated herein are approximate and deemed only sufficient to identify the item of work concerned.</p> <p>No allowance for overbreak has been made to any of the adjoining structures, walls, finishes, etc., where removals or pockets occur (the nett opening size, etc., has been made good in later items of this bill where such making good has not been included with the item) and the Contractor must allow in his prices for making good any overbreak that may occur.</p> <p><u>Materials</u></p> <p>Old materials from alterations, except where described to be re-used or handed over, become the property of the contractor.</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 1 Alterations</p>			
			R	

<p>Old materials from the alterations, except where described to be re-used or handed over, as well as all rubbish, etc., must be regularly carted from the site and not be allowed to accumulate on or around the site.</p>	<p>None of the old materials are to be used for new work except where specifically described as being set aside for re-use.</p>	<p>Where certain materials or articles from demolitions or alterations are described as to be handed over by the Contractor to the Client, such materials or articles shall be properly stored by the Contractor, until handing over thereof. The Contractor must obtain an official receipt listing the materials or articles and dates of handing over. If the Contractor fails to submit the receipt when requested to do so, it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Client for the full replacement value thereof, which amount will be deducted from any monies due to the Contractor.</p>	<p><u>General</u></p>	<p>All new finishes are measured in the relevant trades for new work.</p>	<p>Allow for watering the works sufficiently to prevent nuisance from dust.</p>	<p>All alteration works described hereunder shall imply the use of an approved screed or plaster repairing compound and preparing existing surfaces to receive new.</p>	<p>Provide all necessary propping, etc., required to ensure the safety and stability of the structure during the contract period and remove at completion.</p>	<p>Carried to Collection</p>	<p>R</p>	<p>Section No. 2 Bill No. 1 Alterations</p>
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<p>Provide all necessary additional barricades, screens, overhead protections, etc., required to ensure the safety of persons, property, etc., and remove at completion.</p> <p>All alteration work is within an existing facility. The contractor shall take utmost care to minimise damage to existing completed works in the vicinity of the alteration works.</p>			
<p><u>REMOVAL OF EXISTING WORK</u></p> <p><u>Break up and remove reinforced concrete including cutting off and removing reinforcement:</u></p> <p>1 Steps. m3 1</p> <p><u>Break down and remove brickwork, etc.:</u></p> <p>2 Half brick wall. m2 4</p> <p>3 One brick wall. m2 4</p> <p><u>Take up and remove precast concrete, etc.:</u></p> <p>4 Concrete interlocking pavers from compacted earth. m2 94</p> <p><u>Take out and remove doors, windows, etc. including thresholds, sills, etc. (from brickwork to be removed):</u></p> <p>5 Glazed steel window with burglar bars size overall 3500 x 2500mm high from one brick wall. No 1</p> <p><u>Take out and remove doors, windows, etc. including thresholds, sills, etc. (building up openings elsewhere):</u></p> <p>6 Single leaf door and steel frame unit size overall 813 x 2032mm high from one brick wall. No 2</p>			
<p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 1 Alterations</p>		R	

7	Double door and steel frame unit size overall 1511 x 2032mm high from one brick wall.	No	2		
8	Steel security gate and frame bolted to painted wall size overall 1000 x 2100mm high from one brick wall.	No	1		
9	Door lockset including handles.	No	18		
	<u>Take out and remove glass, mirrors, etc.:</u>				
10	Glass from timber windows including cleaning out rebates and preparing for new glass.	m2	67		
11	Mirror size 500 x 600mm high.	No	8		
	<u>Take down and remove roofs, floors, panelling, ceilings, partitions, etc.:</u>				
12	Suspended ceilings including suspension grid, hangers, etc.	m2	35		
13	Gutters including brackets.	m	112		
14	Rainwater downpipes including brackets.	m	192		
15	Drywall partitioning system 2750mm high including all aluminium tracks, studs, wall boarding, doors, ironmongery, windows, etc.	m	10		
16	Polycarbonate partitioning system 3830mm high including all timber studs, bearers, sheeting, etc.	m	10		
	<u>Take out and remove sundry joinery work:</u>				
17	Timber shelves fixed to wall.	m	3		
18	Timber kitchen cupboard size overall 4900mm long x 600mm wide x 900mm high fixed to floor.	No	1		
19	Timber kitchen cupboard size overall 2300mm long x 600mm wide x 900mm high fixed to floor.	No	1		
	Carried to Collection				
	Section No. 2 Bill No. 1 Alterations			R	

20	Timber cupboard size overall 4900mm long x 600mm wide x 2500mm high fixed to floor.	No	1		
21	Timber cupboard size overall 2000mm long x 450mm wide x 2500mm high fixed to floor.	No	1		
22	1500mm Long curtain pelmets.	No	2		
	<u>Take up and remove floor coverings, wall linings, etc.:</u>				
23	Vinyl floor covering including preparing screed to receive new floor finish.	m2	30		
24	Carpets including preparing screed to receive new floor finish.	m2	337		
	<u>Hack up/off and remove waterproofing, screeds, etc. from concrete or brickwork and prepare surfaces for new waterproofing, etc.:</u>				
25	80mm Thick (average) roof screed including scabbling, wire brush cleaning and washing in preparation for new screed.	m2	60		
26	Bituminous waterproofing membrane to slabs and beams including removal of all flashing strips, etc.	m2	175		
	<u>Hack up/off and remove granolithic, screeds, plaster, etc. from concrete or brickwork and prepare surfaces for new screeds, plaster, etc.:</u>				
27	30mm Screed from floors.	m2	22		
28	Internal plaster from walls and columns.	m2	30		
29	External plaster from walls and columns.	m2	108		
	<u>Hack up/off and remove wall and floor tiles including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes:</u>				
30	Ceramic tiles to floors.	m2	52		
	Carried to Collection			R	
	Section No. 2 Bill No. 1 Alterations				

31	Carefully hack up and remove stone tiles to floors and set aside for re-use.	m2	4		
32	Ceramic tiles to walls.	m2	314		
	<u>Take out and remove piping, sanitary fittings, etc. including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere):</u>				
33	15mm Diameter copper piping including fittings and brackets.	m	70		
34	30mm diameter galvanised mild steel piping including fittings, brackets, etc.	m	35		
35	Undertile stopcock with all necessary piping, stop cocks, valves, etc.	No	4		
36	Water closet suite with brackets, taps, etc. and all necessary piping, etc.	No	4		
37	Wash hand basin with brackets, taps, etc. and all necessary piping, etc.	No	12		
38	Bath with brackets, taps, etc. and all necessary piping, etc.	No	2		
39	Double bowl sink with brackets, taps, etc.	No	2		
40	Shower rose and arm with all necessary piping, stop cocks, valves, etc.	No	1		
	<u>BUILD UP OPENINGS</u>				
	<u>Brickwork in SABS approved NFP bricks in class II mortar in building up opening in:</u>				
41	Half brick walls.	m2	4		
42	One brick walls.	m2	4		
	Carried to Collection				
	Section No. 2 Bill No. 1 Alterations			R	

Section No. 2 Bill No. 1 Alterations				
<u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 4		Amount	
	5			
	6			
	7			
	8			
	9			
<p style="text-align: center;">Carried Forward to Summary of Section No. 2</p>			R	
Section No. 2 Bill No. 1 Alterations				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 2</u></p> <p><u>EARTHWORKS</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
	<p><u>EXCAVATION OTHER THAN BULK</u></p> <p><u>Excavation in earth not exceeding 2m deep in:</u></p>			
1	Trenches.	m3	23	
	<p><u>Extra over excavations other than bulk in earth for excavation in:</u></p>			
2	Soft rock.	m3	2	
3	Hard rock.	m3	2	
	<p><u>RISK OF COLLAPSE</u></p> <p><u>Risk of collapse to:</u></p>			
4	Sides of trench and hole excavations not exceeding 1,5m deep.	m2	60	
	<p><u>CARTING AWAY</u></p> <p><u>Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):</u></p>			
5	Off site to a dumping site to be located by the Contractor.	m3	15	
	Carried to Collection			R
	Section No. 2 Bill No. 2 Earthworks			

	<u>EARTH FILLING, ETC.</u>				
	<u>Selected earth filling obtained from the excavations and/or prescribed stock piles on site in layers of 150mm thick compacted to 93% Mod AASHTO density:</u>				
6	Backfilling to trenches, holes, etc.	m3	8		
	<u>Selected material supplied by the Contractor and spread, level, water and compact to a density of at least 95% Mod. AASHTO maximum density in 150mm thick layers:</u>				
7	Under floors, paving, etc.	m3	38		
	<u>KEEP EXCAVATIONS FREE OF WATER</u>				
8	Allow for keeping excavations free of water.		Item		
	<u>SOIL POISONING</u>				
	<u>Approved brand of anti-termite soil poison applied by a Registered Pest Control Company and guaranteed against termite infestation for three years:</u>				
9	Under floors, etc. including forming and poisoning shallow furrows against foundation walls etc., filling in furrows and ramming.	m2	15		
10	To bottom and sides of trenches, etc.	m2	45		
	Carried to Collection			R	
	Section No. 2 Bill No. 2 Earthworks				

Section No. 2 Bill No. 2 Earthworks <u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 11		Amount	
	12			
<p style="text-align: center;">Carried Forward to Summary of Section No. 2</p>			R	
Section No. 2 Bill No. 2 Earthworks				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 3</u></p> <p><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
	<p><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></p> <p><u>25MPa/19mm Concrete in:</u></p>			
1	Strip footings.	m3	8	
	<p><u>REINFORCED CONCRETE</u></p> <p><u>25MPa/19mm Concrete in:</u></p>			
2	Steps.	m3	1	
3	Ramps and Landings.	m3	2	
	<p><u>TEST BLOCKS</u></p> <p><u>Test Blocks:</u></p>			
4	Making and testing set of three 150 x 150 x 150mm concrete strength test cubes.	Sets	2	
	<p><u>CONCRETE SUNDRIES</u></p> <p><u>Finishing top surfaces of concrete to an evenly ribbed non-slip surface with a "stiff broom" finish:</u></p>			
5	Ramps and landings, etc. to falls.	m2	15	
	Carried to Collection			R
	Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement			

	<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>				
	<u>Rough formwork to sides of:</u>				
6	Edges, risers, ends and reveals not exceeding 300mm high or wide.	m	35		
	<u>REINFORCEMENT</u>				
	<u>Mild steel reinforcement to structural concrete work:</u>				
7	8mm Diameter bars.	t	0.90		
	<u>High tensile steel reinforcement to structural concrete work:</u>				
8	12mm Diameter bars.	t	0.90		
	<u>Fabric reinforcement with minimum 400mm wide overlaps:</u>				
9	Type 193 fabric reinforcement in concrete ramps, etc.	m2	15		
	Carried to Collection				
	Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement			R	

Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement				
<u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 14		Amount	
	15		----- -----	
<p style="text-align: center;">Carried Forward to Summary of Section No. 2</p>			R	
Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 4</u></p> <p><u>MASONRY</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
	<p><u>BRICKWORK IN FOUNDATIONS</u></p> <p><u>Brickwork in extra hard burnt clay NFX bricks in 3:1 cement mortar:</u></p>			
1	One brick walls.	m2	30	
	<p><u>BRICKWORK IN SUPERSTRUCTURE</u></p> <p><u>Brickwork in burnt clay NFP bricks in 3:1 cement mortar:</u></p>			
2	Half brick walls.	m2	23	
3	One brick walls.	m2	30	
	<p><u>BRICKWORK SUNDRIES</u></p> <p><u>Brickwork Sundries:</u></p>			
4	Form toothings and bond new brickwork to existing brickwork.	m2	3	
	<p><u>Brick reinforcement:</u></p>			
5	75mm Wide reinforcement built in horizontally.	m	69	
6	150mm Wide reinforcement built in horizontally.	m	180	
	Carried to Collection			R
	Section No. 2 Bill No. 4 Masonry			

7	<p><u>Prestressed fabricated lintels:</u></p> <p>100 x 70mm lintels in lengths not exceeding 3m.</p> <p><u>PRECAST CONCRETE</u></p> <p><u>150 x 150 x 60mm thick "Infraset Village Cobble", or equal approved multiblend colour standard precast concrete blocks laid in stack bond pattern bedded on and including 20mm thick bed of river sand with 1:6 cement grout swept & watered into joints between roadstones:</u></p>	m	3	
8	Paving to courtyards, pavements, bands, etc. to falls including any consequent cutting (circular cutting elsewhere).	m2	188	
9	Extra for circular cutting exceeding 2m radius.	m	14	
Carried to Collection			R	
Section No. 2 Bill No. 4 Masonry				

Section No. 2 Bill No. 4 Masonry <u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 17		Amount	
	18			
<p style="text-align: center;">Carried Forward to Summary of Section No. 2</p>			R	
Section No. 2 Bill No. 4 Masonry				

Item No		Quantity	Rate	Amount
<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 5</u></p> <p><u>WATERPROOFING</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>				
<p><u>DAMPPROOFING OF WALLS AND FLOORS</u></p>				
<p><u>One layer of 250 micron type B damp-proof course:</u></p>				
1	In walls, under cills, etc.	m2	7	
<p><u>One layer of 250 micron type C waterproof sheeting sealed at laps with pressure sensitive tape:</u></p>				
2	Under surface beds.	m2	15	
<p><u>SLAB WATERPROOFING</u></p>				
<p>The Contractor shall allow in his rates for testing the waterproofing for water tightness by ponding the waterproofed surfaces for a period of at least 48 hours before application of a protective layer.</p>				
<p><u>4mm Thick "Derbigum SP" fully bonded waterproofing guaranteed to remain watertight for a period of three years on:</u></p>				
3	Concrete slab, beams and sides of parapets including dressing into outlets, turn-ups, etc.	m2	175	
4	Flashing strip 300mm girth at turn-ups including sealing top edge into groove with mastic.	m	141	
<p><u>PROTECTIVE PAINT</u></p>				
<p>Carried to Collection</p>				<p>R</p>
<p>Section No. 2 Bill No. 5 Waterproofing</p>				

<p>5</p>	<p><u>Prepare and apply two coats bituminous aluminium paint on:</u></p> <p>Waterproofing on concrete slab, beams and side of parapets.</p> <p style="text-align: right;">m2</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 5 Waterproofing</p>	<p>175</p>	<p>R</p>	
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Section No. 2 Bill No. 5 Waterproofing <u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 20		Amount	
	21			
<p style="text-align: center;">Carried Forward to Summary of Section No. 2</p> Section No. 2 Bill No. 5 Waterproofing			R	

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 6</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
	<p><u>DOORS, WINDOWS, SASHES, ETC.</u></p> <p><u>Semi-solid flush doors:</u></p> <p><u>44mm Thick door with hardwood concealed edge strips finished on both sides with commercial veneer and hung on timber frames (frames elsewhere):</u></p>			
1	Door size overall 813 x 2032mm high.	No	3	
	<p><u>FRAMED FRAMES, ETC.</u></p> <p><u>Laminated saligna:</u></p> <p><u>105 x 50mm Single rebated frame with and including 90 x 15mm sub-frame plugged to wall to suite:</u></p>			
2	Door size overall 813 x 2032mm high.	No	3	
	<p><u>SKIRTINGS</u></p>			
3	20 x 150mm High wrot meranti skirting plugged to plastered walls at 500mm centres.	m	352	
	<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 6 Carpentry and Joinery</p>		R	

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 7</u></p> <p><u>CEILING, PARTITIONS AND ACCESS FLOORING</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
	<p><u>SUSPENDED CEILINGS</u></p> <p><u>6mm Thick gypsum plasterboard ceiling with 63mm wide strips of mesh scrim nailed over joints and the whole ceiling finished with and including gypsum skim plaster trowelled to a smooth polished surface to the thickness recommended by the manufacturer:</u></p> <p>1 Ceiling suspended not exceeding 1m below concrete soffits. m2 35</p> <p><u>CORNICES, ETC.:</u></p> <p><u>Powdercoated shadowline cornices:</u></p> <p>2 22mm GMS shadowline cornice secured to plastered wall and ceiling boarding including mitres, etc. m 34</p> <p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 7 Ceilings, Partitions and Access Flooring</p>			<p>R</p>

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 8</u></p> <p><u>FLOOR COVERINGS</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
1	<p><u>VINYL FLOOR COVERINGS, WALL LININGS, ETC.</u></p> <p><u>2mm Thick "Polysafe Ecomax Safety" fully flexible vinyl sheeting (SABS 786) with a hygrometer reading showing a moisture content of less than 75% fixed with approved acrylic adhesive and joints hot air seal welded with a fully flexible coloured welding rod to provide a continuous finished surface on:</u></p> <p>Floors.</p>	m2	23	
2	<p><u>CARPET SHEETING AND TILES</u></p> <p><u>6mm Thick "Belgotex Prime" tufted multi scroll loop pile heavy commercial carpet sheeting with "Nexbac Eco" backing fixed with an approved adhesive in strict accordance with the manufacturer's instructions on:</u></p> <p>Floors.</p>	m2	215	
3	<p><u>500 x 500 x 8,5mm Thick "Belgotex Berber Point 920" needlepunch heavy commercial carpet tiles with "Nexbac" backing fixed with an approved adhesive in strict accordance with the manufacturer's instructions on:</u></p> <p>Floors.</p>	m2	129	
	<p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 8 Floor Coverings</p>		R	

4	<p><u>PAPERHANGING</u></p> <p><u>"Design Syndicate PD9308" paper backed vinyl wall covering hung in accordance with the manufacturer's instructions including one coat preparatory emulsion paint on:</u></p> <p>Plastered walls.</p> <p style="text-align: right;">m2</p>	61			
	<p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 8 Floor Coverings</p>			R	

Section No. 2 Bill No. 8 Floor Coverings				
<u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 25		Amount	
	26			
<p style="text-align: center;">Carried Forward to Summary of Section No. 2</p>			R	
Section No. 2 Bill No. 8 Floor Coverings				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 9</u></p> <p><u>IRONMONGERY</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
	<p><u>FIX ONLY THE FOLLOWING</u></p>			
1	Door lock-set comprising cylinder lock, handles, escutcheon, etc. No	21		
2	Hat and coat hook. No	26		
3	Door stop. No	25		
	<p><u>SUPPLY AND FIX THE FOLLOWING</u></p>			
	<p><u>DOOR CLOSERS</u></p>			
4	"Dorma TS83" door closer with hold open parallel arm. No	8		
	<p><u>GRAB RAILS, ETC.</u></p>			
5	"Franke CNTX700A" stainless steel angle grab rail plugged to wall in strict accordance with the manufacturer's instructions. No	1		
6	"Franke CNTX70B" stainless steel fold down grab rail plugged to wall in strict accordance with the manufacturer's instructions. No	1		
	<p>Carried to Collection</p>		R	
	<p>Section No. 2 Bill No. 9 Ironmongery</p>			

<u>BATHROOM FITTINGS</u>					
7	"Franke Feranox" stainless steel foam soap dispenser installed in strict accordance with the manufacturer's instructions.	No	7		
8	"Franke TR2" stainless steel multi-roll toilet roll dispenser installed in strict accordance with the manufacturer's instructions.	No	8		
9	"Franke FR359989" stainless steel ecofast hand dryer installed in strict accordance with the manufacturer's instructions.	No	5		
Carried to Collection					
Section No. 2 Bill No. 9 Ironmongery				R	

Section No. 2 Bill No. 9 Ironmongery <u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 28		Amount	
	29			
<p align="center">Carried Forward to Summary of Section No. 2</p>			R	
Section No. 2 Bill No. 9 Ironmongery				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 10</u></p> <p><u>PLASTERING</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
	<p><u>SCREEDS</u></p> <p><u>Screeds on concrete:</u></p> <p>1 80mm Thick (average) on slabs to falls to receive waterproofing. m2 60</p> <p>2 30mm Thick on floors. m2 22</p> <p>3 75mm x 75mm Triangular fillet at perimeter of roof screed to receive turn-up of waterproofing. m 141</p> <p><u>INTERNAL PLASTER</u></p> <p><u>One coat cement plaster minimum 15mm thick (5:1) wood floated to receive files (elsewhere) including all labours on:</u></p> <p>4 Brick vertical surfaces (part on concrete). m2 132</p> <p>5 Narrow widths. m2 2</p> <p><u>Two coats plaster comprising one coat cement plaster minimum 15mm thick (5:1) steel floated and one finishing coat rhinolite including all labours on:</u></p> <p>6 Brick vertical surfaces (part on concrete). m2 30</p>			
	<p>Carried to Collection</p>			R
	<p>Section No. 2 Bill No. 10 Plastering</p>			

7	Narrow widths.	m2	2		
<u>EXTERNAL PLASTER</u>					
<u>One coat cement plaster minimum 15mm thick (5:1) steel floated including all labours on:</u>					
8	Brick vertical surfaces (part on concrete).	m2	108		
9	Narrow widths.	m2	5		
Carried to Collection				R	
Section No. 2 Bill No. 10 Plastering					

Section No. 2 Bill No. 10 Plastering <u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 31		Amount	
	32			
<p align="center">Carried Forward to Summary of Section No. 2</p>			R	
Section No. 2 Bill No. 10 Plastering				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 11</u></p> <p><u>TILING</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
	<p><u>WALL TILING</u></p> <p><u>Allow a Prime Cost Amount of R150/m2 for ceramic wall tiles fixed with an approved adhesive to plaster (plaster elsewhere) and flush pointed with tinted jointing compound on:</u></p>			
1	Walls.	m2	132	
2	Narrow widths.	m2	2	
3	Splashbacks.	m2	5	
	<p><u>DADO RAILS</u></p> <p><u>Allow a Prime Cost Amount of R150/m for ceramic tiles fixed with an approved adhesive to plaster (plaster elsewhere) and flush pointed with tinted jointing compound:</u></p>			
4	200 x 75 x 6mm Thick dado tile on walls.	m	47	
	<p><u>FLOOR TILING</u></p>			
	Carried to Collection		R	
	Section No. 2 Bill No. 11 Tiling			

	<u>Allow a Prime Cost Amount of R150/m2 for ceramic floor tiles fixed with an approved adhesive to plaster (plaster elsewhere) and flush pointed with tinted jointing compound on:</u>				
5	Floors.	m2	52		
6	Narrow widths.	m2	1		
	<u>Clean down existing stone tiles obtained from stockpiles and fix with an approved rapid setting adhesive on plaster bedding (bedding elsewhere) and flush pointed with tinted waterproof jointing compound on:</u>				
7	Floors in isolated areas.	m2	4		
	<u>SUNDRIES</u>				
	<u>Corner protectors, dividing strips, etc.:</u>				
8	"Kirk M-Trim PRE090" 9mm high white PVC round edge trim fixed with patent adhesive to external wall corners.	m	12		
	Carried to Collection				
	Section No. 2 Bill No. 11 Tiling			R	

Section No. 2 Bill No. 11 Tiling <u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 34		Amount	
	35			
<p align="center">Carried Forward to Summary of Section No. 2</p>			R	
Section No. 2 Bill No. 11 Tiling				

Item No		Quantity	Rate	Amount
<u>SECTION NO. 2</u>				
<u>BILL NO. 12</u>				
<u>PLUMBING AND DRAINAGE</u>				
<u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u>				
<u>SANITARY FITTINGS</u>				
<u>White vitreous china:</u>				
1	"Vaal Klip (Ref. 751200WH)" low level wc suite and matching 9 litre cistern with dual flush valve complete with flushing mechanism and heavy duty white double flap seat, fixing in position and connecting complete in strict accordance with the manufacturer's instructions.	No	7	
2	"Vaal Pearl Paraplegic (Ref. 730103WH)" semi close coupled wc suite and matching 9 litre cistern with dual flush valve complete with flushing mechanism and heavy duty white double flap seat, fixing in position and connecting complete in strict accordance with the manufacturer's instructions.	No	1	
3	"Vaal Bantam (Ref. 703003WH)" one tap hole wash hand basin complete with chromium plated waste union, chain and stay, vulcanite plugs and fixing in position on and including two semi-concealed brackets including sealing with an approved waterproof sealer and connecting complete in strict accordance with the manufacturer's instructions.	No	1	
Carried to Collection				R
Section No. 2 Bill No. 12 Plumbing and Drainage				

4	"Vaal Bantam (Ref. 703100WH)" two tap hole wash hand basin complete with chromium plated waste union, chain and stay, vulcanite plugs and fixing in position on and including two semi-concealed brackets including sealing with an approved waterproof sealer and connecting complete in strict accordance with the manufacturer's instructions.	No	5		
5	"Victoria Bathrooms Burlington Edwardian (Ref. 126B5001/2/3/126P1000)" one tap hole wash hand basin and pedestal complete with chromium plated waste union, chain and stay, vulcanite plugs and fixing in position on and including two semi-concealed brackets including sealing with an approved waterproof sealer and connecting complete in strict accordance with the manufacturer's instructions.	No	2		
<u>Approved stainless steel type 304 (18/10):</u>					
6	"Franke Quinline QLX611 (Ref. 1990003)" single end bowl inset sink complete with overflow, 40mm chromium plated waste union, chain and stay, vulcanite plugs and under sink insulation, fixing in position and sealing with an approved waterproof sealer and connecting complete (taps elsewhere).	No	1		
<u>TRAPS, ETC.</u>					
7	40mm Chromium plated brass bottle trap.	No	8		
8	40mm Rubber combination sink trap.	No	1		
<u>TAPS, VALVES, ETC.</u>					
<u>Chromium plated:</u>					
9	"Cobra Tudor TD-212-15" 15mm basin pillar tap including flexible connection hoses.	No	12		
10	"Cobra Tudor TD-215/044" 15mm sink pillar tap with aerated swan-neck swivel outlet including flexible connection hoses.	No	1		
Carried to Collection					
				R	
Section No. 2 Bill No. 12 Plumbing and Drainage					

Section No. 2 Bill No. 12 Plumbing and Drainage				
<u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 37		Amount	
	38		-----	
	39		-----	
<p style="text-align: center;">Carried Forward to Summary of Section No. 2</p>			R	
Section No. 2 Bill No. 12 Plumbing and Drainage				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 13</u></p> <p><u>GLAZING</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
	<p><u>GLAZING TO TIMBER WITH PUTTY</u></p> <p><u>4mm Clear float glass:</u></p>			
1	Panes exceeding 0,1m2 and not exceeding 0,5m2.	m2	67	
	<p><u>TOPS, SHELVES, DOORS, MIRRORS, ETC.</u></p> <p><u>6mm Thick silvered float glass copper backed mirrors with 10mm bevelled and polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in porcelain tiled wall:</u></p>			
2	Mirror size 600 x 900mm high.	No	8	
	<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 13 Glazing</p>		R	

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 14</u></p> <p><u>PAINTWORK</u></p> <p><u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</u></p>			
	<p><u>PAINTWORK TO NEW WORK</u></p> <p><u>PLASTER</u></p> <p><u>Prepare and apply one coat "Plascon" plaster primer, one coat undercoat and one coat "Plascon Double Velvet" paint on:</u></p>			
1	Internal plastered walls, columns, recessed bands, etc.	m2	47	
2	External plastered walls, columns, recessed bands, etc.	m2	113	
	<p><u>PLASTERBOARD</u></p> <p><u>Prepare and apply one coat "Plascon" plaster primer, one coat undercoat and one coat "Plascon Double Velvet" paint on:</u></p>			
3	Ceilings and cornices.	m2	35	
	<p><u>Prepare and apply one coat metal primer and two coats "Plascon Velvagio" paint on:</u></p>			
4	Ceilings and cornices.	m2	48	
	<p><u>WOOD</u></p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 14 Paintwork</p>			<p style="text-align: center;">R</p>

	<u>Prepare and apply one coat wood primer and two coats "Plascon Velvagio" paint on:</u>				
5	General surfaces of doors.	m2	11		
6	Frames and linings.	m2	4		
7	Skirtings, rails, etc. in narrow girths.	m	352		
	<u>POLISH</u>				
	<u>Prepare and apply two coats emulsion type polish well rubbed in as recommended by the manufacturers of the floor covering on:</u>				
8	Vinyl floor coverings and skirtings.	m2	23		
	<u>PAINTWORK TO PREVIOUSLY PAINTED WORK</u>				
	<u>PLASTER</u>				
	<u>Clean down, prepare and apply two coats "Plascon Double Velvet" paint on:</u>				
9	Internal plastered walls, columns, recessed bands, etc.	m2	1,197		
10	External plastered walls, columns, recessed bands, etc.	m2	1,007		
	<u>Clean down, prepare and apply two coats "Plascon Stoep Enamel" paint on:</u>				
11	Concrete floors.	m2	29		
	<u>PLASTERBOARD</u>				
	<u>Clean down, prepare and apply two coats "Plascon Double Velvet" paint on:</u>				
12	Ceilings and cornices.	m2	425		
13	Partitioning.	m2	746		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 14				
	Paintwork				

	<u>METAL</u>				
	<u>Clean down, prepare and apply two coats "Plascon Velvagro" paint on:</u>				
14	General surfaces of steelwork.	m2	65		
15	Ceilings and cornices.	m2	186		
	<u>WOOD</u>				
	<u>Clean down, prepare and apply two coats "Plascon Velvagro" paint on:</u>				
16	General surfaces of doors.	m2	200		
17	Frames and linings.	m2	100		
18	Window frames (both sides measured).	m2	207		
19	Skirtings, rails, etc. in narrow girths.	m	652		
	<u>Sand down, prepare and apply three coats "Plascon Woodcare Ultra" varnish on:</u>				
20	General surfaces of panelling.	m2	290		
21	Ceiling beams, etc.	m2	33		
	<u>Sand down, prepare and apply three coats "Plascon Woodcare Natural Deck Coating" clear gloss sealant on:</u>				
22	Floors.	m2	265		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 14				
	Paintwork				

Section No. 2 Bill No. 14 Paintwork <u>COLLECTION</u>				
	Page No		Amount	
Total Brought Forward from Page No.	42			
	43			
	44			
Carried Forward to Summary of Section No. 2		R		
Section No. 2 Bill No. 14 Paintwork				

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 15</u></p> <p><u>PROVISIONAL SUMS</u></p> <p>The following sums and amounts are NETT.</p> <p>Under no circumstances may any Provisional Sum or P.C Item be altered.</p> <p>Unless a specific percentage mark up for attendance is indicated in the rate column, the amounts priced by the contractor for attendance against each Provisional Sum shall be deemed to be Lump Sum and shall not be adjusted unless the scope of the sub-contract varies significantly.</p> <p>Provisional Sums contained herein may be omitted or reduced at the employer's sole discretion and the contractor shall not be entitled to claim for any loss by way of reductions or omissions of any discount, or percentage relating to the Provisional Sums pr P.C Amounts or any loss of profit related thereto.</p>			
	<p><u>ALLOW THE FOLLOWING PROVISIONAL SUMS</u></p> <p><u>FIRE DETECTION</u></p> <p>1 Provide the amount of R135,000.00 (One Hundred and Thirty Five Thousand Rand) for fire detection installed complete.</p> <p>2 Profit on above item.</p> <p>3 Attendance on ditto.</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 15 Provisional Sums</p>	<p>Item</p>	<p></p> <p style="text-align: right;">%</p> <p style="text-align: right;">%</p> <p style="text-align: right;">R</p>	<p style="text-align: right;">135,000.00</p>

<u>SECURITY AND DATA INSTALLATION</u>					
4	Provide the amount of R312,000.00 (Three Hundred and Twelve Thousand Rand) for security and data installation executed complete.	Item		312,000.00	
5	Profit on above item.		%		
6	Attendance on ditto.		%		
<u>RAINWATER GUTTERS AND DOWNPIPES</u>					
7	Provide the amount of R110,000.00 (One Hundred and Ten Thousand Rand) for rainwater gutters and downpipes installed complete.	Item		110,000.00	
8	Profit on above item.		%		
9	Attendance on ditto.		%		
<u>JOINERY FITTINGS</u>					
10	Provide the amount of R120,000.00 (One Hundred and Twenty Thousand Rand) for joinery fittings installed complete.	Item		120,000.00	
11	Profit on above item.		%		
12	Attendance on ditto.		%		
<u>REFURBISH EXISTING WINDOWS</u>					
13	Provide the amount of R170,000.00 (One Hundred and Seventy Thousand Rand) for refurbishing existing windows executed complete.	Item		170,000.00	
14	Profit on above item.		%		
15	Attendance on ditto.		%		
Carried to Collection				R	
Section No. 2					
Bill No. 15					
Provisional Sums					

<u>REFURBISH EXISTING DOORS</u>					
16	Provide the amount of R75,000.00 (Seventy Five Thousand Rand) for refurbishing existing doors executed complete.	Item		75,000.00	
17	Profit on above item.		%		
18	Attendance on ditto.		%		
<u>REPAIR STONE CLADDING</u>					
19	Provide the amount of R40,000.00 (Forty Thousand Rand) for repairs to existing stone cladding executed complete.	Item		40,000.00	
20	Profit on above item.		%		
21	Attendance on ditto.		%		
<u>SIGNAGE</u>					
22	Provide the amount of R20,000.00 (Twenty Thousand Rand) for signage installed complete.	Item		20,000.00	
23	Profit on above item.		%		
24	Attendance on ditto.		%		
<u>ROOF REPAIRS</u>					
25	Provide the amount of R150,000.00 (One Hundred and Fifty Thousand Rand) for roof repairs executed complete.	Item		150,000.00	
26	Profit on above item.		%		
27	Attendance on ditto.		%		
Carried to Collection				R	
Section No. 2					
Bill No. 15					
Provisional Sums					

	<u>BALUSTRADES</u>				
28	Provide the amount of R135,000.00 (One Hundred and Thirty Five Thousand Rand) for balustrades installed complete.	Item		135,000.00	
29	Profit on above item.		%		
30	Attendance on ditto.		%		
	<u>PALM HOUSE GLAZING</u>				
31	Provide the amount of R420,000.00 (Four Hundred and Twenty Thousand Rand) for palm house glazing installed complete.	Item		420,000.00	
32	Profit on above item.		%		
33	Attendance on ditto.		%		
	<u>TINTED GLAZING</u>				
34	Provide the amount of R120,000.00 (One Hundred and Twenty Thousand Rand) for tinted glazing installed complete.	Item		120,000.00	
35	Profit on above item.		%		
36	Attendance on ditto.		%		
	<u>PRESSED METAL CEILINGS</u>				
37	Provide the amount of R70,000.00 (Seventy Thousand Rand) for pressed metal ceilings installed complete.	Item		70,000.00	
38	Profit on above item.		%		
39	Attendance on ditto.		%		
	Carried to Collection			R	
	Section No. 2				
	Bill No. 15				
	Provisional Sums				

<u>SEWER AND WATER RETICULATION</u>					
40	Provide the amount of R200,000.00 (Two Hundred Thousand Rand) for sewer and water reticulation installed complete.	Item		200,000.00	
41	Profit on above item.		%		
42	Attendance on ditto.		%		
<u>LANDSCAPING</u>					
43	Provide the amount of R100,000.00 (One Hundred Thousand Rand) for landscaping executed complete.	Item		100,000.00	
44	Profit on above item.		%		
45	Attendance on ditto.		%		
<u>WATERPROOFING REPAIRS</u>					
46	Provide the amount of R25,000.00 (Twenty Five Thousand Rand) for waterproofing repairs executed complete.	Item		25,000.00	
47	Profit on above item.		%		
48	Attendance on ditto.		%		
<u>TIMBER SHOPFRONTS</u>					
49	Provide the amount of R25,000.00 (Twenty Five Thousand Rand) for timber shopfronts installed complete.	Item		25,000.00	
50	Profit on above item.		%		
51	Attendance on ditto.		%		
Carried to Collection				R	
Section No. 2					
Bill No. 15					
Provisional Sums					

<u>ALLOW THE FOLLOWING PRIME COST SUMS</u>				
52	Allow a Prime Cost Amount of R70,000.00 (Seventy Thousand Rand) for ironmongery including taking delivery, storing and fixing when required.	Item		70,000.00
53	Profit on above item if required.		%	
<u>FINANCIAL PROVISIONS</u>				
The items described hereunder cover work which is not fully defined at tender stage and which is intended to be executed by the Contractor and/or his Sub-Contractors. The amounts shown shall be used as directed by the Representative/ Agent and shall be deducted in whole or in part if not required.				
54	Allow the amount of R100,000.00 (One Hundred Thousand Rand) for sundry builders work. This work shall be measured on completion and priced at scheduled rates.	Item		100,000.00
Carried to Collection			R	
Section No. 2 Bill No. 15 Provisional Sums				

Section No. 2 Bill No. 15 Provisional Sums				
<u>COLLECTION</u>				
Total Brought Forward from Page No.	Page No 46		Amount	
	47		-----	
	48		-----	
	49		-----	
	50		-----	
	51		-----	
<p style="text-align: center;">Carried Forward to Summary of Section No. 2</p>			R	
Section No. 2 Bill No. 15 Provisional Sums				

Remeasurable bill of quantities					
Item	Bill description	Unit	Bill QTY	Rate	Total Amount
A - SANITARYWARE					
Sanitary ware fixtures, traps, waste unions, mixer valves and taps as per Architect Sanitary ware Schedule to be included in QS bill of quantities.					
SUB- ITEM	B - SANITARY PLUMBING				
	HDPE DRAINAGE (VALSIR/GEBERIT) & BRACKETING				
	VALSIR/GEBERIT pipe or similar approved, to duct and walls including brackets & support to manufacturers specifications note fixed point at expansion socket or 90 degree change in direction(20/25mm strut). All pipes laid in ground must be bedded on selected compacted filling at least 150mm thick. Soft Excavation and Intermediate Excavations' as defined in clause 3.1.2.B of SABS 1200 D have not been identified by way of separate measurement. The Contractor shall thus include within his 'Pickable Earth' excavation rates for excavation in all materials. HDPE pipes for above ground and underground use including couplers, and support brackets in the running length.(contractor to include couplers, and support brackets in the rate per meters .				
	110 mm pipe fixed to walls etc.	m	15		
	75 mm pipe fixed to walls etc.	m	15		
	50 mm pipe fixed to walls etc.	m	20		
	40mm pipe fixed to walls etc.	m	10		
	Bends 90° with Screw type Access Eye				
	110 mm Bend	No	10		
	75 mm Bend	No	5		
	50 mm Bend	No	10		
	40mm bend	No	6		
	Bends 90°				
	110 mm Bend	No	10		
	75 mm bend	No	10		
	50 mm Bend	No	10		
	40 mm Bend	No	5		
	Bends 135°				
	110 mm Bend	No	8		
	75 mm bend	No	4		
	50 mm Bend	No	12		
	40mm Bend	No	4		
	Junctions 135°				
	110 mm Junction	No	3		
	75 mm Junction	No	2		
	40 mm junction	No	8		
	Total Carried Forward				

Remeasurable bill of quantities					
Item	Bill description	Unit	Bill QTY	Rate	Total Amount
	Total Brought Forward				
	160mm/110mm HDPE to uPVC Junction	No	1		
	110x40 135 deg junction	No	2		
	110x50 135 Deg Junction	No	2		
	110x75 135 Deg Junction	No	2		
	TEE PIECE				
	40mm Bend	No	2		
	75mm Bend	No	2		
	Ball Junction				
	100 mm four way	No	2		
	Reducer (short eccentric)				
	110 mm reducer	No	2		
	75 mm reducer	No	4		
	Access Eye screw on type for CE				
	110 mm CE (complete stop)	No	2		
	75 mm CE (complete stop)	No	0		
	40 mm Screwed end cap	No	4		
	<u>MI ADAPTORS</u>				
	40 mm adaptors	No	6		
	<u>FI ADAPTORS</u>				
	40 mm adaptors	No	6		
	Electroweld couplings				
	110 mm Electroweld couplings	No	10		
	75 mm Electroweld couplings	No	8		
	50 mm Electroweld couplings	No	10		
	Expansion sockets				
	110 mm expansion sockets	No	2		
	100mm PVC Vent Valves 1 way	No	2		
	110 mm GEBERIT/VALSIR pan connector to HDPE	No	8		
	Total Carried Forward				

NORTH LODGE



BILL OF QUANTITY

Remeasurable bill of quantities					
Item	Bill description	Unit	Bill QTY	Rate	Total Amount
	Total Brought Forward				
	TAPS, VALVES ETC.				
	<i>Cobra Watertech or Equal Approved</i>				
	Cobra Watertech 15mm ball type angle valve with 350mm flexible hose connector (Code: 832/350F).	No	20		
	25 mm Strainer; brass body	No	2		
GARDEN TAP	Cobra watertech 15mm brass hose bibtap Code 108-15 with wingnut, lining, 20mm hose union and flow restrictor Code P-WS/6	No	1		
	Air vent Valves HW & CW high points 22mm, brass body	No	2		
	COBRA LEVER BALL VALVE				
	BRASS VALVES WITH CHROME FINISH:				
	25 mm - 1090 Cobra lever ball valve	No	4		
	20 mm - 1090 Cobra lever ball valve	No	8		
	15 mm - 1090 Cobra lever ball valve	No	15		
	Total Carried Forward To Summary				

NORTH LODGE



BILL OF QUANTITY

Remeasurable bill of quantities					
Item	Bill description	Unit	Bill QTY	Rate	Total Amount
	C - HOT AND COLD WATER PIPE & FITTINGS				
	<u>COPPER PIPE</u>				
	Class 0 copper pipes including holderbat fittings etc fixed to walls. Rate to be inclusive of all required bends, t pieces, couplers, elbows, reducing tees etc:				
	15mm Pipe	m	35		
	22mm Pipe	m	30		
	28mm Pipe	m	20		
	<u>COPPER WALL PLATE ELBOW</u>				
	15mm Wall plate elbow	No	20		
	22mm Wall plate elbow	No	5		
	Total Carried Forward To Summary				

NORTH LODGE



BILL OF QUANTITY

Remeasurable bill of quantities					
Item	Bill description	Unit	Bill QTY	Rate	Total Amount
D - FIRE PROTECTION SYSTEM					
	5kg CO2 Fire Extinguisher including back plate and wall hanger. All Portable Fire Extinguishers shall comply with the requirements of SANS 1910	No	1		
	4.5kg DCP Fire Extinguisher including back plate and wall hanger. All Portable Fire Extinguishers shall comply with the requirements of SANS 1910	No	13		
	Fire signage as per fire drawings. Rate to include for alluminium frame and all signs to be fixed with screws to walls. Fire signage installations to be according to SANS 1186 Part 1 and Part 5.	No	34		
	Supply, install, test and commission SABS approved fire hose reel fitted with 30m length of 20mm hose mounted on wall bracket bolted to wall behind. The FHR to be installed complete with 25mm chromium shut-off valve, ø7mm aluminium nozzle and hose guide. All Fire Hose Reels shall comply with the requirements of SANS 543, and shall be installed accordance with SANS 10105-1 and SANS 10400-W	No	3		
Galvanised Mild Steel Pipework (Fire Hose Reel)					
	Medium class galvanised mild steel (GMS) screwed and socketed pipes to SANS 62, in the running length, and all necessary, supports, fixing, brackets, saddles, holderbats, elbows, tees, reducing tees, bushes, bends etc, and painted red in accordance with SANS 10140-3:2003:				
	32mm diameter pipes	m	10		
	25mm diameter pipes	m	32		
	Emergency lighting as required at escape doors. Lights to be fitted with 6 hour battery back up.	No	16		
	Assa ablooy or similar approved escape panic ware 1910908NV fitted to single leave escape door.	No	5		
	Service existing fire alarm system in the building and install additional required smoke detectors and heat detectors as per SANS 10139. All ceiling voids deeper than 800mm to be void protected. Design and installation of the fire detection system to be done by a SAQCC installer only. Design to be sent to Fire Engineer for approval before installation.	Prov Amount	1	R32,000.00	R32,000.00
	Clean accesible ceiling voids from all dust and debris to reduce fire load.	Prov Amount	1	R6,500.00	R6,500.00
Additional Items:					
	4000l water tank for emergency fire water reserve(fire hose reel supply), unit complete with booster pumpset skid mounted, all works to be installed on concrete plinth. Pending pressure logger results.	Prov Amount	1	R 35,000.00	R35,000.00
	Caleffi or similar approved pressure regulating valve 25mm bronze body. Rating 0.5 - 6 bar rating. Inclusive of male union connections and pressure gauge fitted to unit. Requirement pending pressure logger results.	Prov Amount	1	R5,500.00	R5,500.00
Total Carried Forward To Summary					

DSB Consulting Engineers BOQ

SUMMARY OF SCHEDULES

SCHEDULE	DESCRIPTION	AMOUNT R
A	SANITARYWARE	
B	SANITARY PLUMBING	
C	HOT AND COLD WATER SUPPLY	
D	FIRE PROTECTION	
Total Carried Forward to Section Summary		<hr/> <hr/>

SECTION SUMMARY - North Lodge		Page No			
Bill No					
1	Alterations	10			
2	Earthworks	13			
3	Concrete, Formwork and reinforcement	16			
4	Masonry	19			
5	Waterproofing	22			
6	Carpentry and Joinery	23			
7	Ceilings, Partitions and Access Flooring	24			
8	Floor Coverings	27			
9	Ironmongery	30			
10	Plastering	33			
11	Tiling	36			
12	Plumbing and Drainage	40			
13	Glazing	41			
14	Paintwork	45			
15	Provisional Sums	52			
16	Wet Services and Fire (DSB Consulting Engineers BoQ)	58			
	Carried to Final Summary		R		
	Section No. 2				

<u>FINAL SUMMARY :</u>	
Preliminaries	R
Building Works Section Summary : North Lodge	R
Sub-Total 1 : Building Works per Annexure 3	R
Electrical Installation Total per Annexure 4 : North lodge	R
Profit on Electrical Installation (only)	R
Attendance on Electrical Installation (only)	R
Sub-Total 2 : Electrical Installation per Annexure 4	R
Sub-Total 3 : (Sub-Total 1 + Sub-Total 2)	R
15% Value Added Tax	R
Total Carried to Form of Offer and Acceptance	R