

	Unit	Quantity	Rate	Amount
<u>BILL NO. 1</u> <u>ALTERATIONS</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>View site</u> <p>Before submitting his tender the contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p>				
<u>General</u> <p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent</p> <p>Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent</p> <p>Doors, fanlights, fittings, frames, linings, etc. which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehanging, cramping up, re-wedging as required and making good cramps, dowels, etc., and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately</p> <p>Prices for taking out of doors, windows, etc. shall include for removal of all beads, architraves, ironmongery, etc.</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc. and making good floor and wall finishes to match existing</p> <p>With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc., shall be levelled and prepared for raising of brickwork</p>				
Carried to Collection			R	
Bill No. 1 Alterations				

	Unit	Quantity	Rate	Amount
<p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc.)</p> <p><u>REMOVAL OF EXISTING WORK</u></p> <p><u>Taking out and removing doors, windows, etc., including thresholds, sills, etc. and building up openings in brick walls, including making good cement plaster on both sides of wall façade</u></p>				
1	No	10		
2	No	1		
3	No	6		
4	m ²	4		
5	m	142		
<p><u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc.</u></p>				
6	m	6		
7	m ²	299		
8	m ²	103		
<p><u>Taking out/off and removing sundry metalwork</u></p>				
9	m	53		
Carried to Collection			R	
Bill No. 1				
Alterations				

Amount

BILL NO. 1
ALTERATIONS
COLLECTION

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R

		Unit	Quantity	Rate	Amount
<u>BILL NO. 2</u>					
<u>EARTHWORKS</u>					
<u>EXCAVATION ETC</u>					
<u>Excavation in earth not exceeding 2m deep</u>					
1	Reduced levels	m ³	5		
<u>Extra over all excavations for carting away</u>					
2	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m ³	5		
Carried to Summary				R	
Bill No. 2					
Earthworks					

		Unit	Quantity	Rate	Amount
<u>BILL NO. 3</u>					
<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>					
<u>REINFORCED CONCRETE CAST ON/IN FORMWORK</u>					
<u>20MPa/19mm concrete</u>					
1	V-drains cast in panels	m ³	32		
<u>25MPa/19mm concrete</u>					
2	Bases	m ³	2		
<u>CONCRETE SUNDRIES</u>					
<u>Finishing top surfaces of concrete smooth with a wood float</u>					
3	V-drains to falls and currents	m ²	213		
4	Water tank base	m ²	2		
<u>Carefully saw-cut grooves into existing concrete surfaces with and including preparing and cleaning surfaces to receive new joint sealants (new joint sealants elsewhere measured)</u>					
5	6 x 25mm Deep saw-cut joints	m	106		
<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>					
<u>Rough formwork to sides</u>					
6	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	223		
<u>Boxing in rough formwork to form</u>					
7	25 x 25mm Chamfers along top or bottom edges	m	223		
<u>MOVEMENT JOINTS ETC</u>					
<u>Expansion joints with 13mm softboard between vertical concrete and brick surfaces</u>					
8	Not exceeding 300mm high to edges of surface beds	m	106		
<u>REINFORCEMENT</u>					
<u>Fabric reinforcement</u>					
9	Type 193 fabric reinforcement in concrete v-drains, etc.	m ²	213		
10	2 Layers type 193 fabric reinforcement in watertank base, etc.	m ²	6		
Carried to Summary				R	
Bill No. 3					
Concrete, Formwork And Reinforcement					

		Unit	Quantity	Rate	Amount
<u>BILL NO. 4</u>					
<u>MASONRY</u>					
<u>FIBRE-CEMENT WINDOW SILLS</u>					
<u>Natural grey sills in single lengths bedded in class II mortar including metal fixing lugs etc.</u>					
1	120 x 15mm Wide sills set flat and slightly projecting	m	27		
2	120 x 15mm Wide sills set sloping and slightly projecting	m	27		
Carried to Summary				R	
Bill No. 4					
Masonry					

	Unit	Quantity	Rate	Amount
<u>BILL NO. 5</u>				
<u>WATERPROOFING</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Waterproofing</u>				
Waterproofing of roofs, basements, etc. shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc. with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs				
<u>DAMPPROOFING OF WALLS AND FLOORS</u>				
<u>One layer 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape</u>				
1 Under V-Drains, bases, etc	m ²	213		
<u>SEALING STRIPS, JOINT SEALANTS, ETC</u>				
<u>'Sika' or approved two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc.</u>				
2 6 x 10mm In saw cut joints in floors	m	106		
3 15 x 15mm In expansion joints in soffits including raking out expansion joint filler as necessary	m	213		
Carried to Summary			R	
Bill No. 5 Waterproofing				

	Unit	Quantity	Rate	Amount
<u>BILL NO. 7</u>				
<u>CARPENTRY AND JOINERY</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Fixing</u>				
Items described as 'nailed' shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete				
Items described as 'plugged' shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as 'bolted', the bolts have been given elsewhere				
<u>Joinery</u>				
Descriptions of frames shall be deemed to include frames, transomes, rails, etc.				
Descriptions of hardwood joinery shall be deemed to include sinking and pelleting heads and nuts of bolts				
<u>EAVES, VERGES, ETC</u>				
<u>Medium density plain fibre-cement flat sheets</u>				
1				
6mm Eaves soffit covering including 38 x 38mm sawn softwood branders along edges, along centre and at 400mm centres across sheets				
	m ²	48		
<u>High density plain fibre-cement fascias and barge boards</u>				
User Note - High density plain fascias and barge boards are available in 10mm and 15mm thicknesses				
2				
325 x 15mm Fascias and barge boards, including galvanised steel H-profile joiners				
	m	6		
<u>DOORS</u>				
<u>Wrought meranti doors hung to steel frames</u>				
3				
40mm Solid 1620 x 2032mm high formed of two equal leaves including rebated edge				
	No	1		
<u>FRAMED FRAMES ETC</u>				
<u>Wrought meranti</u>				
4				
98 x 108mm Frames, plugged				
	m	6		
Carried to Summary			R	
Bill No. 7				
Carpentry And Joinery				

	Unit	Quantity	Rate	Amount
<u>BILL NO. 8</u>				
<u>CEILINGS PARTITIONS AND ACCESS FLOORING</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Fixing</u>				
Items described as 'nailed' shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete				
Items described as 'plugged' shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as 'bolted', the bolts have been given elsewhere				
<u>Ceilings</u>				
Unless otherwise described ceilings shall be deemed to be horizontal				
<u>Steel components</u>				
All steel components for ceilings, partitions, etc. are to be galvanised in accordance with SANS 121				
<u>SUSPENDED CEILINGS</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Proprietary suspended ceilings</u>				
User Note - The following preamble to be included in the bills of quantities after confirmation of the basic design of the ceilings, lighting, air conditioning, etc.				
Hangers, suspension grids, lay-in panels, etc. are to be in accordance with the manufacturers' recommendations				
Electrical light fittings, diffusers, panels etc. are generally lay-in units of the same dimensions as the suspension grid described and allowance must be made in the rates accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)				
<u>600 x 1200 x 15mm 'Owa Acoustic' or other approved pre-painted acoustic panels on exposed suspension grid system including hangers, necessary hold-down clips and wedges, etc.</u>				
1	Ceilings suspended not exceeding 1m below timber trussess	m ²	169	
2	Extra over ceiling for opening for 600 x 1200mm light fitting	No	20	
Carried to Collection			R	
Bill No. 8 Ceilings Partitions And Access Flooring				

		Unit	Quantity	Rate	Amount
<u>Shadow line cornices, perimeter trims, etc. to suspended ceilings</u>					
3	Pre-painted cornices, plugged	m	184		
Carried to Collection				R	
Bill No. 8 Ceilings Partitions And Access Flooring					

Amount

BILL NO. 8
CEILINGS PARTITIONS AND ACCESS FLOORING
COLLECTION

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	Unit	Quantity	Rate	Amount
<u>BILL NO. 9</u>				
<u>FLOOR COVERINGS</u>				
<u>POLISH, SEALERS, ETC</u>				
<u>Polish, Sealers, etc.</u>				
1 Wash down, clean, dry, strip existing wax sealer and apply two coats wax polish on vinyl flooring	m²	137		
Carried to Summary			R	
Bill No. 9 Floor Coverings				

		Unit	Quantity	Rate	Amount
<u>BILL NO. 10</u>					
<u>IRONMONGERY</u>					
<u>SUPPLEMENTARY PREAMBLES</u>					
<u>Proprietary items</u>					
Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items Prices are to be based on the specific products/articles specified. If tenderers wish to offer alternative products/articles for certain items, these items are to be clearly marked and the alternative specification given with supporting brochures etc. clarifying the features of the products/articles offered On request returnable samples are to be provided to the principal agent for consideration					
<u>Finishes to ironmongery</u>					
Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AN Anodised natural AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded					
<u>HINGES, BOLTS, ETC.</u>					
<u>Manufactured by Union or other approved</u>					
1	100 x 75mm Ball bearing brass hinge	No	6		
2	150 x 96mm Parliament brass hinge	No	6		
<u>CATCHES, CABIN HOOKS, ETC.</u>					
<u>Manufactured by Union or other approved</u>					
3	150mm Heavy duty cabin hook and eye including 70 x 70 x 20mm chamfered hardwood block twice oiled and plugged	No	2		
<u>LOCKS</u>					
<u>Manufactured by Union or other approved</u>					
4	Three-lever deadlock	No	10		
5	Three-lever rebated lockset	No	1		
Carried to Collection				R	
Bill No. 10					
Ironmongery					

		Unit	Quantity	Rate	Amount
<u>HANDLES</u>					
<u>Manufactured by Union or other approved</u>					
6	AL684 anodised aluminium pull handle fixed to timber door	No	20		
7	400mm Brass plated stay and handles fixed existing steel windows, with and including bolts, etc.	No	5		
<u>H Systems or other approved</u>					
<u>LETTERS, NAMEPLATES, ETC.</u>					
<u>Manufactured by Union or other approved</u>					
8	150 x 150mm Anodised aluminium plate with male or female symbol	No	2		
9	200 x 200mm Anodised aluminium plate with fire exit, fire extinguisher, fire hose reel or fire hydrant symbol	No	4		
<u>SUNDRIES</u>					
<u>Manufactured by Union or other approved</u>					
10	38mm Diameter rubber door stop plugged	No	7		
11	Chromium plated coat hook	No	4		
<u>BATHROOM FITTINGS</u>					
<u>Manufactured by Franke or other approved</u>					
12	Franke Stratos STRX 618E or similar approved 1.5mm thick Grade 304 18/10 stainless steel recessed soap dispensers (code:359705), size 128 x 147 x 632mm deep with a replaceable and refillable 1 litre container, cylinder lock with standard Franke key, plugged and screwed to wall with and including stainless steel screws.	No	2		
13	Franke Stratos STRX 672E or similar approved 1.5mm thick Grade 304 18/10 stainless steel recessed toilet roll holders (Code 359721), size 304 x 156 x 140.7mm deep for 2 rolls maximum 108mm diameter with spindle system, cylinder lock with standard Franke key, plugged and screwed to wall with and including stainless steel screws.	No	4		
Carried to Collection				R	
Bill No. 10 Ironmongery					

Amount

BILL NO. 10
IRONMONGERY
COLLECTION

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	Unit	Quantity	Rate	Amount
<u>BILL NO. 12</u>				
<u>TILING</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Fixing</u>				
Unless described as 'fixed with adhesive to plaster (plaster elsewhere)' descriptions of tiling on brick or concrete walls, columns, etc. shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc. shall be deemed to include 1:3 plaster bedding				
Tiling described as 'fixed with adhesive on power floated concrete' shall be deemed to include for approved tiling key-coat ²				
Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from the Tal Professional range of products as recommended by the manufacturer of the tiles				
<u>WALL TILING</u>				
<u>'Johnson' or approved 200 x 200 x 5mm White matt ceramic tiles on brickwork including cement plaster backing</u>				
1	On walls	m ²	113	
2	On narrow widths	m ²	10	
3	Fair exposed cutting and fitting around pipe not exceeding 100mm internal diameter	No	2	
4	Fair exposed cutting and fitting around pipe exceeding 100mm and not exceeding 150mm internal diameter	No	4	
<u>FLOOR TILING</u>				
<u>'Johnson' or other approved 300 x 300 x 8mm 'Salt & Pepper' hard bodied porcelain ceramic floor tiles on 'Goldstar 6' bedding on concrete and flush pointed with tinted grout</u>				
5	On floors and landings	m ²	35	
<u>SUNDRIES</u>				
<u>M-trim or other approved protectors, stair nosings, expansion joint strips, etc.</u>				
6	Type ASE100.1N edgetrim	m	50	
Carried to Summary			R	
Bill No. 12				
Tiling				

	Unit	Quantity	Rate	Amount
<u>BILL NO. 13</u>				
<u>PLUMBING AND DRAINAGE</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Stormwater channels</u>				
Descriptions of channels shall be deemed to include necessary excavation, surface preparation, compaction, etc., and disposal of surplus material on site				
<u>Sealing of edges</u>				
Outer edges of sinks, basins, baths, urinals, etc. are to be sealed against adjacent surfaces with approved silicone				
<u>uPVC pipes and fittings</u>				
Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings				
<u>High density polyethylene (HDPE) pipes and fittings</u>				
Pipes shall be type IV and of the class specified with Plasson or Alprene compression fittings				
<u>Polycop polypropylene pipes</u>				
Polypropylene pipes 54mm diameter and smaller shall be seamless copper coloured Class 16 pipes jointed with Fast-fuse heat welded thermoplastic or where so described Polylock compression fittings Pipes shall be firmly fixed to walls, etc. with coloured nylon snap-in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions				
<u>Copper pipes</u>				
Pipes shall be hard drawn and half-hard Maksal pipes of the class described. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), Class 2 (half-hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be Cobra Watertech type. Capillary solder fittings shall comply with ISO 2016				
Copper pipes are to be installed in accordance with the latest revision of the Code of Practice for Copper Plumbing soldering techniques. Flux, solder, etc. to be strictly in accordance with the manufacturer's requirements with special attention to copper flux composition				
Carried to Collection			R	
Bill No. 13 Plumbing And Drainage				

	Unit	Quantity	Rate	Amount
<p><u>Reducing fittings</u></p> <p>Where fittings have reducing ends or branches they are described as 'reducing' and only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained</p> <p><u>Fixing of pipes</u></p> <p>Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc., casting in, building in or suspending not exceeding 1m below suspension level</p> <p><u>Paper wrapping to pipes</u></p> <p>Pipes chased into brickwork must be wrapped with two layers of stout brown paper tied with wire. Rates are to include for wrapping around joints and fittings</p> <p><u>Disinfection of water pipework</u></p> <p>Water pipework is to be disinfected at completion in accordance with SABS 1200L (provision for disinfection elsewhere)</p> <p><u>Densyl petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd.</u></p> <p>Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied in the appropriate widths and with 10% overlaps. Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including mastic, tape, Layflat sheeting, securing of same, etc.</p> <p>Prices for wrapping of pipes shall include for all work as described to couplings in the length</p> <p><u>Laying, backfilling, bedding, etc. of pipes</u></p> <p>Pipes shall be laid and bedded in accordance with manufacturers' instructions and trenches shall be carefully backfilled</p> <p>Where no manufacturers' instructions exist, pipes shall be laid in accordance with Clauses 5.1 and 5.2 of each of the following: SABS 1200L : Medium-pressure pipelines SABS 1200LD : Sewers SABS 1200LE : Stormwater drainage Pipe trenches, etc. shall be backfilled in accordance with Clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB : Earthworks (Pipe trenches) Pipes shall be bedded in accordance with Clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200LB : Bedding (Pipes) Unless otherwise described bedding of rigid pipes shall be Class B bedding</p>				
Carried to Collection			R	
Bill No. 13				
Plumbing And Drainage				

		Unit	Quantity	Rate	Amount
<u>General</u>					
Descriptions of cast iron roof outlets shall be deemed to include joints to pipes and casting into concrete (adaptors for joints to PVC pipes, etc. are given separately) Descriptions of overflow pipes where measured in number, shall be deemed to include joints to cisterns and splay cut ends					
Descriptions of pipes laid in and including trenches and of inspection chambers, catchpits, etc. shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 95% Mod AASHTO density and disposal of surplus material on site					
Descriptions of service pipes and flexible connecting pipes shall be deemed to include connections to taps, cisterns, etc. and to steel pipes (adaptors for connections to copper pipes, etc. are given separately)					
Descriptions of WC pans, slop hoppers, etc. shall be deemed to include for joints to soil pipes (pan connectors are separately measured)					
<u>As-built drawings</u>					
Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the principal agent for reproducing onto the originals for handing over to the employer (provision for allowance of as-built drawings elsewhere)					
<u>SANITARY FITTINGS</u>					
<u>Vaal</u>					
1	560 x 405mm Springbok 0112 lavatory basin on brackets	No	2		
2	Klip 400010 low level WC suite comprising WC pan with double flap heavy duty plastic seat and matching 9 litre cistern with flush pipe	No	4		
<u>WASTE UNIONS ETC</u>					
<u>Cobra Watertech</u>					
3	32mm 301 CP basin waste union	No	2		
<u>TRAPS ETC</u>					
<u>Cobra Watertech</u>					
4	32mm 340 CP bottle trap	No	2		
<u>TAPS, VALVES, ETC</u>					
<u>Cobra Watertech</u>					
5	15mm 1065-15CP fullway isolating ball valve	No	6		
Carried to Collection				R	
Bill No. 13					
Plumbing And Drainage					

		Unit	Quantity	Rate	Amount
6	15mm 111-15CP pillar tap	No	4		
	<u>SANITARY PLUMBING</u>				
	<u>uPVC soil and vent pipes</u>				
7	50mm Pipes	m	12		
8	110mm Pipes	m	6		
	<u>Extra over uPVC soil and vent pipes for fittings</u>				
9	110mm Pan connector	No	4		
10	50mm Bend	No	8		
11	110mm Bend	No	8		
12	50mm Junction	No	4		
13	110mm Junction	No	4		
14	110mm Reducing junction	No	3		
15	110mm Air vent cowl	No	4		
	<u>Testing</u>				
16	Testing waste pipe system	Item			
	<u>WATER SUPPLIES</u>				
	<u>Class 16 uPVC pressure pipes with solvent welded joints</u>				
17	32mm Pipes laid in and including trenches not exceeding 1m deep	m	45		
	<u>Extra over Class 16 uPVC pressure pipes for fittings with solvent welded joints</u>				
18	32mm Bend	No	6		
19	32mm Reducer	No	2		
	<u>Class 0 copper pipes with capillary couplings</u>				
	User Note - Class 1 copper pipes are recommended for high quality installations				
20	15mm Pipes	m	5		
	<u>Class 0 copper pipes with brass compression couplings</u>				
21	22mm Pipes	m	3		
	<u>Extra over Class 0 copper pipes for capillary fittings</u>				
22	15mm Fittings	No	8		
	Carried to Collection			R	
	Bill No. 13				
	Plumbing And Drainage				

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BILL NO. 13
PLUMBING AND DRAINAGE
COLLECTION

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	Unit	Quantity	Rate	Amount
<u>BILL NO. 14</u>				
<u>ELECTRICAL WORK</u>				
<u>ELECTRICAL INSTALLATION</u>				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Distribution boards etc.</u>				
Rates for distribution boards etc. are to include for busbars, jumpers, neutral bars, internal wiring and connections, circuit identification markers, control gear labels, circuit legend cards and working drawings				
<u>Switches, socket outlets, etc.</u>				
Rates for switches, socket outlets, etc. are to include for screwing to outlet boxes, connecting up and cover plates				
<u>Light fittings</u>				
Rates for light fittings are to include for hanging, fixing and connecting and for lamp holders and fluorescent tubes and lamps of the type and wattage described				
<u>ELECTRICAL WORK</u>				
<u>Electrical Installation</u>				
1	Provide the sum of R 160,000.00 (One Hundred and Sixty Thousand Rand) for Electrcial Installation	Item		
2	Allowance for Contractor's Attendance for the above	Item		
3	Allowance for Contractor's Profit for the above	Item		
<u>Booster Pump</u>				
4	Provide the sum of R 10,000.00 (Ten Thousand Rand) for supply and installation of a domestic water pumps	Item		
5	Allowance for Contractor's Attendance for the above	Item		
6	Allowance for Contractor's Profit for the above	Item		
Carried to Summary			R	
Bill No. 14				
Electrical Work				

		Unit	Quantity	Rate	Amount
<u>BILL NO. 15</u>					
<u>GLAZING</u>					
<u>GLAZING TO STEEL WITH PUTTY</u>					
<u>6.8mm Clear float glass</u>					
1	Panes exceeding 0,5m ² and not exceeding 2m ²	m ²	4		
<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u>					
<u>6mm Silvered float glass copper backed mirrors with polished edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u>					
2	Mirror 400 x 600mm high	No	2		
Carried to Summary				R	
Bill No. 15					
Glazing					

	Unit	Quantity	Rate	Amount
<u>BILL NO. 16</u>				
<u>PAINTWORK</u>				
<u>PREPARATORY WORK TO EXISTING WORK</u>				
<u>Previously painted plastered surfaces</u>				
Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth				
<u>Previously painted metal surfaces</u>				
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal				
<u>Previously painted wood surfaces</u>				
Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth				
<u>PAINT SPECIFICATIONS</u>				
<u>Painting, etc.</u>				
All painting shall be done in accordance with Dulux or other approved specifications unless otherwise described				
<u>ON METAL SURFACES</u>				
<u>One coat water based primer, one coat alkyd based universal undercoat and two coats superior quality universal enamel paint, on galvanised steel</u>				
1	Windows with burglar bars	m ²	56	
<u>One coat modified alkyd aluminium primer and two coats extremely durable UV-resistant washable pure acrylic paint, on</u>				
2	On metal roof sheets	m ²	299	
<u>ON INTERNAL FLOATED PLASTER SURFACES</u>				
<u>One coat primer, one coat alkyd based universal undercoat and two 'Dulux Polvin' paint, on work in sound condition</u>				
3	Walls	m ²	495	
Carried to Collection			R	
Bill No. 16 Paintwork				

Amount

BILL NO. 16
PAINTWORK
COLLECTION

Page No

Brought Forward from Page

26
27

Carried to Summary

R

Amount

BILL NO. 17**PROVISIONAL SUMS****SUPPLEMENTARY PREAMBLES****General**

Work for which budgetary allowances are provided will be measured and valued in accordance with clause 32 of the Principal Building Agreement and deducted in whole or in part if not required without any compensation for loss or profit on the said allowances

Prime cost amounts and provisional sums are net. Prime cost amounts include for delivery to site of all articles concerned. Provisional sums are for material and equipment supplied and installed complete by firms of specialists

PROVISIONAL SUMS FOR NOMINATED/SELECTED SUBCONTRACT WORKS**Signage**

1 Provide the sum of R5,000.00 (Five Thousand Rand) for signage

Item 0 00

2 Profit

Item

3 Attendance

Item

Flagpost

4 Provide the sum of R7,000.00 (Seven Thousand Rand) for the supply and the installation of flagpost

Item 0 00

5 Profit

Item

6 Attendance

Item

Carried to Summary

R

Bill No. 17

Provisional Sums

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3	CONCRETE, FORMWORK AND REINFORCEMENT	6	
4	MASONRY	7	
5	WATERPROOFING	8	
7	CARPENTRY AND JOINERY	9	
8	CEILINGS PARTITIONS AND ACCESS FLOORING	12	
9	FLOOR COVERINGS	13	
10	IRONMONGERY	16	
12	TILING	17	
13	PLUMBING AND DRAINAGE	23	
14	ELECTRICAL WORK	24	
15	GLAZING	25	
16	PAINTWORK	28	
17	PROVISIONAL SUMS	29	
	SubTotal excluding Value Added Tax		
	ADD VAT @ 15%:		
	Carried to Tender	R	
	SUMMARY		

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Excavation Etc	5
3 CONCRETE, FORMWORK AND REINFORCEMENT	6
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Rough Formwork (Degree Of Accuracy ii)	6
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