

KEY	ITEM DESCRIPTION	QUANTITY	UNIT
0000.01	<u>BILL NO 1 (VOLUME 3)</u> <u>DEMOLITIONS AND ALTERATIONS</u>		
0005.01	<u>1. Prices for the demolition of brick walls must allow for the demolition and removal of small isolated beams and lintols occuring therein over openings.</u> <u>2. The area of brickwork to be demolished excludes the areas of opening in walls.</u> <u>3. Prices for the demolition of brick or concrete walls, concrete surface beds, columns, slabs and the like must allow and include for the demolition of plastered or screeded surfaces and other finishes related thereto as NO separate measurement or payment will be made in this regard.</u> <u>4. Prices for the demolition of concrete must allow for the cutting up and removal of any steel reinforced in the concrete.</u> <u>5. The Contractor must ensure the stability of adjoining walls and structures during the demolition of any concrete and / or brickwork and must provide and install any necessary propping that may be necessary to ensure such stability and prices must allow herefore.</u>		
0005.02	<u>Breaking up or breaking down and removing concrete</u>		
0006.00	Concrete footings, bases and steps	9.00	m3
Bill total:			
0015.01	<u>Hacking up or hacking off and removing granolithic, screeds, plaster, tiles, etc from concrte or brickwork and preparing surfaces for new screeds, plaster, tiling, etc (elsewhere measured)</u>		
0020.00	Ceramic floor or wall tiles	24.00	No
Bill total:			
0020.01	<u>Taking up and removing vinyl floor coverings, carpeting, etc from screeded surfaces to be removed</u>		
0021.00	Vinyl tile, sheet vinyl or similar floor covering	20.00	m2

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Bill total:

0022.00	Carpet tiles or carpeting with underfelt	9.00	m ²
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Bill total:

0026.01	<u>Taking off or hacking off and removing skirtings and making good walls where skirtings removed</u>		
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0027.00	Timber skirting	31.00	m
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Bill total:

0085.01	<u>Taking out and removing doors, windows, frames, etc (alterations to openings and / or building up openings where applicable elsewhere measured)</u>		
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0086.00	Steel window not exceeding 2.5m ² in area	2.00	No
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Bill total:

0103.01	<u>Taking out and removing sundry ironmongery items, etc</u>		
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0104.00	Towel rails, towel rings, shower curtain rails, coat hooks, door stops, mirrors, soap dishes, toilet roll holders and the like	3.00	No
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Bill total:

0105.00	Door locks, handles, hinges, door number plates, kicking plates, flush bolts, barrel bolts and the like	16.00	No
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Bill total:

0121.01	<u>Taking out and removing sanitary fittings and appliances, including taps and traps, including disconnecting piping from fittings and cutting back and sealing off all water and waste pipes as necessary</u>		
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KEY	ITEM DESCRIPTION	TENDER QUANTITY	UNIT
0122.00	Stainless steel or earthenware wash hand basin	1.00	No

Bill total:

0195.02 Sealing of existing roofs and flashings

0326.01 BILL NO 4
REPAIRS TO PLUMBING AND DRAINAGE INSTALLATIONS

0338.02 Repairs to w.c. suites and flushing valves

0343.00 Replace missing or damaged 50mm flexible rubber cone to wc pan and flush pipe 1.00 No

0352.00 Replace missing or damaged w.c. seat with new heavy duty double seat and flap 1.00 No

0370.01 Clean out blockage in manholes, catch pits, etc

0373.01 CUTTING THROUGH EXISTING WALLS AND FINISHES, ETC AN MAKING GOOD

0374.00 Cut chase in existing brick wall for pipe and make good plaster and paint 15.00 m

Bill total:

0380.01 BILL NO 5
PAINTWORK

0389.01 Clean down and prepare and one coat Acrylic PVA paint

0391.00 On internal smooth plastered ceilings and beam 3.00 m²

0392.00 On external smooth plastered walls 273.00 m²

0396.00 Extra for additional one coat of paint 273.00 m²

0396.01 Clean down and prepare and one coat eggshell enamel paint

0397.00 On internal smooth plastered walls and columns 356.00 m²

0399.00 Extra for additional one coat of paint 356.00 m²

0411.01 Clean down and etch screeded surface with 10%

KEY	ITEM DESCRIPTION	TENDER QUANTITY	UNIT
	<u>solution of hydrochloric acid and water and two full coats stoep enamel</u>		
0412.00	On screeded floors and skirtings	13.00	m ²
0412.02	<u>Clean down and prepare and one coat Acrylic PVA paint</u>		
0415.00	On window cills	4.00	m ²
0417.02	<u>Clean down and prepare and one coat exterior</u>		
0418.00	On ceilings, including cornices and cover strips	132.00	m ²
0428.02	<u>Clean down and prepare and one coat gloss enamel paint</u>		
0429.00	On door frames	12.00	m ²
0431.00	On windows with burglar bars (both sides measured flat)	18.00	m ²
0435.00	On gates, grilles, burglar screens, balustrades, etc. (both sides measured flat)	13.00	m
0439.01	<u>Clean down and prepare and one coat Acrylic Roof paint</u>		
0440.00	On profiled roof sheeting and flashings (measured on flat to roof area)	221.00	m ²
0441.01	<u>Clean down and prepare and one coat self-etching metal primer and one coat gloss enamel paint</u>		
0442.00	On eaves gutters and downpipes	72.00	m ²
0443.02	<u>Clean down and prepare and one coat clear matt polyurethane varnish</u>		
0445.00	On flush doors	5.00	m ²
0447.00	On windows, glazed, doors, etc (both sides measured flat)	6.00	m ²
0448.00	On joinery fittings, shelving, slatted seating, etc	34.00	m
0449.00	On skirtings, frames, rails, etc not exceeding 300mm girth	13.00	m

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KEY	ITEM DESCRIPTION	TENDER	
		QUANTITY	UNIT
0463.01	<u>Clean down and prepare and one coat matt enamel paint</u>		
0465.00	On flush doors	79.00	m ²
0468.00	On joinery fittings, shelving, slatted seating, etc	4.00	m ²
0469.00	On skirtings, frames, rails, etc not exceeding 300mm girth	2.00	m
0470.01	<u>Clean down and prepare and one coat gloss enamel paint</u>		
0477.00	On skirtings, frames, rails, etc not exceeding 300mm girth	129.00	m

Bill total:

0496.01	<u>BILL NO 8</u> <u>EARTHWORKS</u>		
0505.02	<u>Excavation in earth not exceeding 1m deep</u>		
0506.00	Trenches and holes	20.00	m ³
0514.01	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density</u>		
0515.00	Backfilling to trenches, holes, etc	19.00	m ³
0532.01	<u>20MPa/19mm concrete</u>		
0533.00	Footings, bases and ground beams	5.00	m ³

Bill total:

0612.02	<u>BRICK TEST</u>		
0625.02	<u>Brickwork of 7MPa cement bricks in class 11 mortar</u>		
0628.00	Half brick wall	6.00	m ²

Bill total:

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KEY	ITEM DESCRIPTION	TENDER	
		QUANTITY	UNIT
0631.00	One brick wall	61.00	m ²

Bill total:

0687.02 DAMP-PROOFING OF WALLS AND FLOORS

0722.01 BILL NO 12
ROOF COVERINGS

0726.01 0.58mm 'IBR' profile full hard galvanised
(Z275spelter) steel troughed roofing with
0.8mm galvanised sheet steel accessories fixed
in strict accordance with the manufacturer's
instructions

0727.00 Roof sheeting in single length sheets 175.00 m²

Bill total:

0802.02 ROOF CONSTRUCTION

0846.02 Medium density fibrecement fascias and
bargeboards

0847.00 38x50m Branderling in widths not exceeding 8.00 m²
900mm wide at 450mm centres in one direction
and at ends fixed to underside of or in
between timber rafters and trusses

Bill total:

0852.02 Wrot Meranti

0853.00 19mm Quadrant bead planted on 69.00 m

Bill total:

0869.01 40mm Semi-solid flush doors with hardboard
covering both sides and concealed hardwood
edge strips

0871.00 Door size 813x2032mm high 1.00 No

Bill total:

0875.01 40mm Semi-solid flush doors with hardwood

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KEY	ITEM DESCRIPTION	TENDER	
		QUANTITY	UNIT
	<u>veneer both sides and concealed hardwood edge strips</u>		

0877.00	Door size 813x2032mm high	1.00	No
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Bill total:

0922.01 BILLN O 14
JOINERY WORK

0964.01 Particle board to SABS 1300 with hardwood veneer both sides

0966.00	18mm Ends, divisions, tops, sides, doors, etc	3.00	m ²
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Bill total:

1001.01 BILL NO 15
CEILINGS AND PARTITIONS

1006.01 Softboard ceilings

1008.00	12mm Softboard ceiling board in full length sheets fixed to branderling (elsewhere measured) with and including 8x50mm wrot meranti cover strips over joints between sheets	8.00	m ²
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1009.01 Gypsum plasterboard ceilings

1010.10	FLOOR TILES MATERIAL	18.00	M2
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Bill total:

1079.02 FLOOR COVERINGS

1083.01 2mm Fully flexible viny sheting with welded joints fixed with an adhesive recommended by and laid in strict accordance with the manufacturer's instructions

1084.00	Floors	71.00	m ²
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Bill total:

1114.01 BILL NO 17
IRONMONGERY

KEY	ITEM DESCRIPTION	TENDER	
		QUANTITY	UNIT
1167.01	<u>Cylinder locks</u>		
1170.00	Oval double cylinder lock with oval profile lock case and brass forend	17.00	No
1171.00	Oval knob cylinder lock with oval profile lock case and brass forend	2.00	No
1176.01	<u>Cupboard and drawer locks</u>		
1180.01	<u>DOOR FURNITURE</u>		
1182.00	'Unior Gover' lever furniture (pair) with cylinder keyhole	1.00	Sets
1195.01	<u>Pictogram signs for times countersunk screwed to timber</u>		
1196.00	120x120mm Natural anodised aluminium plate with male or female symbol	2.00	No
1207.02	<u>'Matador Squeegee' or other equal and approved</u>		
1208.01	<u>BATHROOM FITTINGS</u>		
1210.00	Chromium plated toilet roll holder	2.00	No
1213.00	19mm Chromium plated towel rail 900mm long including end flange brackets	2.00	No
Bill total:			
1304.01	<u>BILL NO 18</u> <u>STRUCTURAL STEELWORK</u>		
1319.02	<u>Purlins and braces bolted to steel</u>		
1320.00	Lipped channel section purlins	420.00	kg
1323.02	<u>Sundry steelwork</u>		
1327.00	Angle section section purlins, braces, struts, etc	1010.00	kg
1330.00	Tubular hollow section posts or columns	209.00	kg

Bill total:

DISTRICT : I - WINDHOEK URBAN

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KEY	ITEM DESCRIPTION	TENDER	
		QUANTITY	UNIT
1350.01	<u>BILL NO 19</u> <u>METALWORK</u>		
1359.02	<u>Gate frames and posts</u>		
1360.00	40x40x3mm Mild steel hollow section gate post 2000mm long with and including three dovetailed lugs size 20x3x250mm long welded on and built into brick wall	3.00	No
1360.01	<u>Gates</u>		
1361.00	Single gate leaf size 810x2000mm high overall formed of 40x40x3mm mild steel hollow section frame around and two horizontal inermediate rails and filled in with and including 20x20x2mm hollow section vertical bars at approximatel 70mm centres passed through and welded to the intermediate rails, including two 100mm weld-on type hinges, narrow style double cylinder lock with escutcheons riveted to leaf and a 40x5mm mild steel flat gate stop welded on to one stile for the full gate height	3.00	No
1361.10	PULLEY ROLLER	2.00	NO
1362.02	<u>Residential type windows with solid brass or chromium plated fittings and factory fitted with and including type NBP33 burglar bars to the whole of the window</u>		
1364.00	Window type NE1 size 533x654mm high	2.00	No
1444.02	<u>1.2mm Double rebated frames suitable for half walls</u>		
1446.00	Frame for door size 813x2032mm high	1.00	No
Bill total:			
1521.01	<u>BILL NO 20</u> <u>PLASTERING</u>		
1535.02	<u>One coat cement plaster wood floated smooth on brick work to</u>		
1536.00	walls	112.00	m²

KEY	ITEM DESCRIPTION	TENDER QUANTITY	UNIT
Bill total:			
1568.02	<u>WALL TILING</u>		
1571.01	<u>200x200x5mm white glazed ceramic wall tiles to</u>		
1572.00	walls	36.00	m²
Bill total:			
1605.01	<u>BILLNO 22</u> <u>PLUMBING AND DRAINAGE</u>		
1651.01	<u>white virreous china or glazed fireclay</u>		
1652.00	Basin size 510x405mm with two tapholes bolted to walls	2.00	No
1661.00	wall hung flat back urinal complete with spreader and chromium plated domical grating fixed to walls	1.00	No
1670.02	<u>uPVC</u>		
1672.00	32mm Bottle trap including tailpipe and wall flange	1.00	No
1675.01	<u>Chromium plated brass</u>		
1677.00	40mm Bottle trap including tailpipe and wall flange	1.00	No
1719.01	<u>Chrome plated brass taps and sundries</u>		
1725.00	15mm Angle regulating valve with stainless steel braided connector pipe 315mm girth with chromium plated connectors both ends bent as required	3.00	No
1732.00	15mm Square pattern pillar tap with aerator	2.00	No
1748.01	<u>Special valves and fittings</u>		
1752.00	20mm FJ6.000CP 'Flushmaster Econoflush' exposed toilet flush valve complete with flush pipe	1.00	No

Bill total:

KEY	ITEM DESCRIPTION	QUANTITY	UNIT
1765.02	<u>The solar water geysers and panels must be installed by the specialist supplier of the geysers and panels</u>		
1774.01	<u>Extra over HDPE pipes for the following compression fittings</u>		
1776.00	25mm Fittings	18.00	No
Bill total:			
1839.01	<u>Hard drawn thin walled class 0 Copper pipes to SABS 460 including all straight joints and connectors</u>		
1840.00	15mm Pipe fixed or chased into walls	18.00	m
Bill total:			
1841.00	22mm Pipe fixed or chased into walls	12.00	m
Bill total:			
1845.01	<u>Extra over class 0 copper pipes for brass capillary fittings</u>		
1846.00	15mm Fittings (elbows, tees, reducing tees, adaptor couplings, etc)	20.00	No
Bill total:			
1847.00	22mm Fittings (elbows, tees, reducing tees, adaptor couplings, etc)	10.00	No
Bill total:			
1920.01	<u>Extra over PEX/Al/Pex pipes for press-type with crimping brass fittings</u>		
1935.01	<u>SUNDRIES TO WATER SUPPLIES</u>		
1937.00	110mm uPVC pipe 1500mm long filled with class 20MPa concrete in stand pipe pedestal with bottom 600mm set into ground, including all excavation, etc	5.00	No

KEY	ITEM DESCRIPTION	QUANTITY	UNIT
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Bill total:

1943.02 UPVC soil, waste and vent pipes including all straight joints and connectors

1944.00 40mm Pipe fixed or chased into walls 12.00 m

Bill total:

1949.01 Extra over UPVC pipes for fittings

1950.00 40x40mm BSP adaptor 5.00 No

Bill total:

1961.00 40mm Plain junction 4.00 N

Bill total:

2025.02 GLAZING TO STEEL WITH PUTTY

2033.02 4mm Clear float glass

2036.00 Panes exceeding 0.5m² and not exceeding 2m² 1.00

Bill total:

2047.02 4mm Silvered float glass copper backed mirrors with polished edges fixed to walls with double sided adhesive tape

2049.00 Mirror size 600x600mm high 2.00

Bill total:

2053.01 BILL NO 24 PAINTWORK

2057.01 One coat alkali-resistant plaster primer and two coats Acrylic PVA paint

2060.00 On external smooth plastered walls 112.

2081.02 One coat primer and two coats exterior quality PVA emulsion paint

2082.00	On ceilings, including cornices and cover strips	8.00 m ²
2087.01	<u>Touch up factory primer and one coat undercoat and two coats gloss enamel paint</u>	
2095.00	On rails, bars, pipes, etc not exceeding 300mm girth	154.00 m
2095.01	<u>One coat primer, one coat undercoat and two coats gloss enamel paint</u>	
2096.00	On gates, grilles, burglar screens, balustrades, etc (both sides measured flat)	48.00 m ²
2123.01	<u>One coat wood primer, one coat undercoat and two coats matt enamel paint</u>	
2125.00	On flush doors	2.00 m ²

Bill total:

2143.01	<u>BILL NO 25</u> <u>EXTERNAL WORKS</u>	
2144.01	<u>Cutting down and removing, grubbing up roots and filling in holes</u>	
2147.00	Tree exceeding 200mm and not exceeding 500mm girth	30.00 No
2192.02	<u>Removal of existing fencing</u>	
2193.00	Remove existing fence not exceeding 1200mm high complete with all droppers, stays, posts, gates, etc	52.00 m

Bill total:

Section total:

Total value of building items:

Preliminaries %:

Preliminaries Allowance:

Sub Total: