

Refurbishment of Sanitary Facilities at the Conservation and Environmental Management Offices

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>BILL NO. 1</u>				
	<u>Preliminaries and General</u>				
	The P&G's are priced excluding Vat but are inclusive of all items and expressed as a percentage amount of the Project Value in the appropriate category as indicated below. A percentage as per categories below must be added to the Project Amount to (10%)	Item	1		
	Carried to summary				
	<u>BILL NO. 2</u>				
	<u>ALTERATIONS</u>				
	<u>PREAMBLES</u>				
	<u>WORK TO EXISTING</u>				
	<u>Removal of existing work</u>				
	Timber single door and frame 900 x 2100mm high	No	1		
	<u>Taking down and removing , ceilings and cornices</u>				
	Gypsum (rhinoboard) ceilings	m ²	75		
	Cornices	m	20		
	<u>Cleaning and Sanitising of Areas</u>				
	Clean out solid ablutions or other internal areas, disinfect, sanitise as necessary and prepare for renovation work	m ²	95		
	<u>Built-in cupboards</u>				
	Take down and remove timber shelving	m ²	2		
	<u>Taking up and removing vinyl floor coverings, carpeting, etc</u>				
	Vinyl tile floor covering including preparing screed for new vinyl floor covering	m ²	15		
	<u>BUILDING UP OPENINGS</u>				
	<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 (making good paintwork elsewhere)</u>				
	Timber single door and frame from one brick wall	No	1		
	<u>Sundries</u>				
	Cutting toothings and bonding new brickwork to existing	m ²	3		
	<u>MAKING GOOD OF FINISHES ETC</u>				
	<u>Resecure existing</u>				
	Resecure existing concrete roofing tiles with galvanised mild steel roofing nails in accordance with the manufacturer's instructions, including all labours, etc and leave completely waterproof on completion	No	30		
	Carried to summary				
	<u>BILL NO. 3</u>				
	<u>ROOF COVERINGS ETC.</u>				
	<u>TILES</u>				
	<u>420 x 332mm Marley Double Roman "Plus" concrete tiles or equal Architect approved tiles nailed with non-corrosive tile nails to and including 38 x 38mm sawn softwood battens at 760mm centres</u>				

Tiles fixed to flat slope on timber battens (elsewhere measured).	m ²	30	
Carried to summary			
BILL NO. 4			
<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
<u>NAILED UP CEILINGS ETC</u>			
<u>6.4mm "Rhino" or equal similar Architect approved gypsum plasterboard with H-type pressed steel jointing strips</u>			
Ceilings including 38 x 38mm sawn softwood branderling at 400mm centres	m ²	75	
110 x 110mm Cornices, nailed	m	40	
Carried to summary			
BILL NO. 5			
<u>IRONMONGERY</u>			
<u>LOCKS</u>			
Solid / Union or equal Architect approved			
Solid two lever lockset	No	4	
<u>KITCHEN CUPBOARDS</u>			
H & S Timbers Kitchen Cupboards plugged (Pre Assembled)			
White Floor Unit 1830w x 550d x 900mm high with doors	No	3	
<u>BLINDS</u>			
<u>Windovert Vertical Blinds or equal Architect approved</u>			
Absa-Grey-W1250 vertical blind with 90mm wide vanes, size 2500mm x 1300mm high with 46mm x 25mm high powder-coated (colour to be selected) top track, fixed inside reveal with Easy-fix clips	No	3	
Carried to summary			
BILL NO. 6			
<u>PLASTERING</u>			
<u>NON SLIP EPOXY FLOOR FINISH</u>			
<u>Apply multi component, solvent free, pigmented self leveling hi-build epoxy floor coating to mechanically sound screed. Screed to have timber floated finish, have been laid a minimum of 28 days prior to application of epoxy coating, have a moisture content of less than 5% and be acid etched prior to application of first coat. Application is to be carried out by a specialist sub contractor approved by the supplier of the epoxy coating. Screed to be checked for moisture content prior to application and confirmation of receipt of this to be supplied to the architects before any epoxy coatings are applied. Fill all defects in screed using scraper coat as specified by the epoxy coating manufacturer. Apply one coat primer as required by epoxy supplier. Over coat with one coat hi-build, self leveling epoxy to give finished coat thickness of 3mm followed by a non-slip topcoat comprising of clean sifted silica sand over coated with pigmented epoxy resin. Application to be by specialist epoxy coating subcontractor:</u>			
On floors	m ²	50	
Carried to summary			
BILL NO. 7			
<u>TILING</u>			
<u>FLOOR TILING</u>			
<u>Allow the prime cost amount of R250.00/m2 for ceramic floor tiles "TAL" or other equal Architect approved with a m.o.h.s. of at least 7 on screed with a minimum 3 mm joints using quick setting high strength gray powder adhesive. Surfaces to be tiled are to be primed before tiling using a cement slurry mixed using liquid latex:</u>			
On floors	m ²	15	
Carried to summary			

BILL NO. 8				
PLUMBING AND DRAINAGE (PROVISIONAL)				
SANITARY FITTINGS				
Take out and remove, including stopping off and removing redundant water supply and waste piping and make good walls and floors where necessary				
WC suite	No	5		
Ceramic urinal	No	3		
Vaal Sanitaryware or equal similar Architect approved				
Vitreous china 6 litre "Hibiscus Elite Duct" cistern (code 7116DP), complete with lid, fitments, push button mechanism, and duct flush pipe. Can be used with the Orchid back inlet, can be used with the Orchid Wall Hung back inlet pan, Parktown back inlet or any other back inlet pan. The cistern is designed to flush effectively on 6 litres subject to being installed with a pan providing an effective 6 litre flush	No	5		
Vitreous china wall hung "Lavatera" urinal with top inlet (code 705426) or back inlet (code 705427). Overall size 600 x 385 x 380 mm. Top inlet fittings (code 7054Z1) and back inlet fittings (code 7054Z2) include a 38 mm c.p. domical grating, a spreader (with a 20 mm diameter thread), and two hanger brackets. Unit to be installed with Concealed (back inlet) flushvalve (Cobra FJ8.102 or equivalent). Electronic top inlet valve (Cobra EL-3004 or equivalent).	No	3		
WATER SUPPLIES				
Class 2 copper pipes:				
15mm Pipe chased into brick walls	m	40		
Extra over class 2 copper pipes for capillary fittings:				
15mm Fittings.	No	20		
TAPS, VALVES, ETC				
15mm chromium plated shower mixer with riser pipe, arm and shower head	No	1		
Carried to summary				
BILL NO. 9				
GLAZING				
WORK TO EXISTING				
Take out and remove cracked and/or broken glass from steel window panes, prime rebates as necessary and reglaze with 4mm obscure or clear float glass with putty	m2	10		
Carried to summary				
BILL NO. 10				
PAINTWORK				
PAINTWORK TO PREVIOUSLY PAINTED WORK				
WALLS				
Thoroughly clean down and remove all grease, dirt and blemishes of all kinds, blisters, scaling, surface cracks and similar defects and leave the surfaces in a thoroughly clean, smooth and stable condition, ready for painting. Cracks, crevices, nail holes, etc shall be stopped with hard stopping. Old stoppings which have become loose shall be removed and the holes restopped. The final state of preparatory work shall be that which shall in all cases produce in the finished painted surface a condition similar to new work				
Clean down and prepare existing surfaces and apply:				
Two coats PVA acrylic emulsion paint internally to emulsion painted plastered walls	m2	230		
ON FIBRE-CEMENT, ETC.				
Prepare, brush surface to remove all loose contaminants and apply one coat "Timesaver" or equal approved alkali resistant primer, and two coats "Plascon Polvin" or equal approved super acrylic PVA				
On ceilings and cornices.	m2	120		
ON METAL				

	<u>Prepare surfaces and remove all loose material, check for dents in frame and fill with body filler as required. Wash down with galv clean. Touch up factory applied primer and apply one undercoat, followed by two coats gloss enamel paint:</u> On door frames. <u>ON WOOD, WOOD BOARD</u> <u>Stop, fill, sand down and prepare wood surfaces and apply one coat wood primer', one coat universal undercoat and two coats premium non drip polyurethane enamel paint:</u> On doors. Carried to summary	m2	5		
		m2	10		
	BILL NO. 11				
	<u>EXTERNAL WORKS</u>				
	<u>BULK SEWER RETICULATION</u>				
	<u>Earthworks for soil drainage</u>				
	Excavation not exceeding 2m deep for pipe trenches	m ³	30		
	Extra over excavation in soft rock.	m ³	30		
	Selected Backfill material from excavations to drain ppies compacted to 93% Mod ASSHTO density	m ³	25		
	Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk) to a dumping site to be found by the Contractor.	m ³	20		
	<u>uPVC Class 34 pipes:</u>				
	160mm Pipe and excavation exceeding 1m and not exceeding 2m deep	m	80		
	<u>Extra over uPVC pipes for fittings</u>				
	160mm uPVC Access Bend	No	4		
	160 x 110mm Reducing junction.	No	2		
	Carried to summary				
	SUMMARY OF SCHEDULES				
1	PRELIMINARY AND GENERAL	BILL No.	1		
2	ALTERATIONS	BILL No.	2		
3	ROOF COVERINGS ETC.	BILL No.	3		
4	CEEILINGS, PERTITIONING AND ACCESS FLOORING	BILL No.	4		
5	IRONMONGERY	BILL No.	5		
6	PLASTERING	BILL No.	6		
7	TILING	BILL No.	7		
8	PLUMBING AND DRAINAGE	BILL No.	8		
9	GLAZING	BILL No.	9		
10	PAINTWORK	BILL No.	10		
11	EXTERNAL WORKS	BILL No.	11		
	SUB - TOTAL				
	ADD VAT @ 15%	VAT	15%		
	CARRIED TO FORM OF TENDER				