

BILL NO. 1 ALTERATIONS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	SUPPLEMENTARY PREAMBLES				
	View site				
	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				
	General				
	The contractor shall carry out the whole of the work 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				
	The contractor will be required to take all dimensions affecting the existing building on the site and he will be held solely responsible for the accuracy of all such dimensions				
	Where existing screeds are described to be prepared for new floor finishes, the screeds are to be scraped clean of loose materials				
	Any water supply pipes and other piping that may be met with and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new fittings, to the satisfaction of the project manager				
	TEMPORARY BARRIERS, SCREENS, ETC				
	BUDGETARY ALLOWANCES				
	Temporary barriers, screens, etc. including removal				
2	Provide an amount of R5 000.00 five thousand (rand) for temporary barriers, screens, etc. including removal on completion	Item			
	REMOVAL OF EXISTING WORK				
3	Allow for watering the works by spraying to prevent any nuisance from dust, etc and supply, erect and remove at completion all temporary dust screens, etc required	Item			
4	Allow for protecting all existing work liable to suffer damage (ie. walls, finishes, floors, windows, etc) from damage during the building operations, alterations, etc and make good all work damaged with new material to match existing to the approval of the project manager	Item			
	Hack up/off and remove screeds or plaster from concrete and prepare surfaces for new screeds				
5	20mm Screeds from floors	m2	640		
	Take out and remove piping, including bends and blanking off as necessary and making good floor and wall finishes (making good tiling and paintwork elsewhere)				
6	Piping not exceeding 50mm diameter	m	960		
	Piping exceeding 100mm and not exceeding 150mm diameter	m	160		
	Take out and remove sanitary fittings, including cutting off, disconnecting and blanking off short lengths of piping and making good floor and wall finishes				
7	Cystern and Toilet	No	160		
	PREPARATORY WORK TO EXISTING SURFACES				
	Preparatory work to existing surfaces				
8	Scabble existing waterproof to receive new waterproofing	m2	960		
Bill 1 Sub Total					

BILL NO. 2 WATERPROOFING

[illegible]

BILL NO. 3 PLASTERING

[illegible]

BILL NO. 4 PLUMBING AND DRAINAGE

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	SUPPLEMENTARY PREAMBLES				
	Flush pans				
	Flush pans shall have straight or side outlets and "P" or "S" traps as necessary				
	"Polycop" polypropylene pipes				
	Polypropylene pipes of 54mm diameter and smaller shall be seamless copper coloured class 16 pipes jointed with "Fast-fuse" heat welded thermoplastic or brass compression fittings as designed for use with copper pipes, as described				
	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				
	Copper pipes				
	Pipes shall be hard drawn and half-hard 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				
	Fixing of pipes				
	Unless specifically otherwise stated, descriptions of pipes shall be deemed to include for :				
	- casting in, building in, chasing in and fixing to walls, etc, including chasing; or				
	Reducing fittings				
	Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm, 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. In the case of pipes with diameters exceeding 60mm, all sizes are given and no claim for extra bushes, reducers, etc will be entertained				
	Design and supply				
	The contractor's attention is specifically drawn to the fact that the work in this bill has been measured provisionally and it is expected of the contractor to design the complete system and within one month, after appointment and in consultation with the Project Manager, lodge his final measurement and subcontract value to the Project Manager for acceptance, after which the whole installation will under no circumstances be remeasured or revalued				
	SANITARY FITTINGS				
1	Coral white front flush toilet suite	No	160		
2	Coral white wall mounted basin and floor pedestal set 570 x465 x 180mm	No	160		
3	Shower system shower inclusive of shower 15mm stop cock, shower rose arm and shower rose	No	160		
	WASTE UNIONS, ETC				
	"Cobra Watertech"				
4	32mm 301CP basin waste union	No	160		
	TRAPS, ETC				
	"Marley" rubber				
5	32mm Plain "P" or "S" trap	No	160		
	VALVES, TAPS, ETC				
	"Cobra Watertech"				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6	15mm Ball o Stop	No	160		
	SANITARY PLUMBING				
	<u>uPVC pipes</u>				
7	110mm Pipes	m	160		
	Extra over uPVC pipes for fittings				
8	110mm Bend	No	160		
9	110mm Pan connector	No	160		
	WATER SUPPLIES				
	<u>Class 2 copper pipes</u>				
10	15mm Pipes	m	960		
	Extra over class 2 copper pipes for capillary fittings				
11	15mm Fittings	No	320		
	Bill 4 Sub Total				

	SUMMARY				
1	Alterations			R	-
2	Waterproofing			R	-
3	Plastering			R	-
4	Plumbing and Drainage			R	-
	Sub-total			R	-
	Contingencies at 10%			R	-
	Total			R	-
	Value Added Tax				
	Allow per cent (15%) of the above sub-total for Value Ad Item			R	-
	Carried to form of tender			R	-