

RENOVATION OF TOILETS AT 1st FLOOR OF SBILD, THIRUVANANTHAPURAM					
SI No	Particulars	Quantity	Unit	Rate	Amount
1	Providing and laying 10 cm thick solid cement concrete block masonry in CM 1:6 (1 Cement, 6 Sand) including all labour, conveyance, lead, lift,curing etc. complete.	8	CuM		
2	Providing and laying 20 cm thick solid cement concrete block masonry in CM 1:6 (1 Cement, 6 Sand) including all labour, conveyance, lead, lift,curing etc. complete.	4.5	CuM		
3	Providing and laying anti- skid vitrified floor tiles of size 600 x 600 mm (thickness to be specified by the manufacturer) (minimum basic value should be @ Rs. 600/m2) of first quality conforming to IS:15622, of approved make, in all colours, shades, size as specified by Engineer in charge , laid over 20 mm thick bed of cement mortar 1:4 and jointing with grey cement slurry @ 3.3 Kg per sqm, including epoxy grouting & pointing the joints with epoxy matching with tiles etc. complete for bath room floor.	40	SqM		
4	Providing and fixing first quality ceramic glazed wall tiles (minimum basic value should be @ Rs.600/m2) conforming to IS:15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades, size as specified by Engineer in charge , in Dados, over 12mm thick bed of cement mortar 1:3 and jointing with grey cement slurry @ 3.3 Kg per sqm, including epoxy grouting and pointing with epoxy matching with tiles complete for bath room walls.	165	SqM		
5	Water proofing treatment : Providing and applying water proof treatment with Bostik boscolastic two coat as per the manufactures specifications, after necessary surface preperation,crack filling with polyurethane sealant, filling and making good rough patches, chasing out V shape grooves around periphery as well as incoming and out going pipe lines, filling them up with Bostik Boscocem 475 modified mortar, saturating the surface and brush applying waterproof coating etc.,complete with all materials and labour etc complete.	35	SqM		
6	Providing and laying PCC 1:2:4 using by metal over the existing floor , levelling the surface upto 50mm thickness etc complete.	2	CuM		
7	Providing and laying good quality brick jelly and red earth / suitable material for filling the sunken slab.	14	CuM		
8	Dismantling the existing brick/ cement concrete block wall with tiles laid in cement mortar and removing the debris from first floor to ground floor and disposal of the waste materials away from the site without any risk and cost to the Bank.	30	SqM		
9	Dismantling the existing flooring and removing the materials used for sunken slab filling like brickbat, concrete etc and removing debris from first floor to ground floor and disposal of the waste materials away from the site without any risk and cost to the Bank.	17	CuM		
10	Dismantling of EWC & flushing cistern of all types(C.I.,PVC,vitrous china) including c.p.fittings, angle valves, taps, G.I/ PVC Pipes etc including stacking of useful materials near the site and disposal of unserviceable materials from first floor to ground floor and disposal of the waste materials away from the site.	4	No		

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11	Dismantling and removing the existing wash basin including c.p.fittings, angle valves, taps, G.I/ PVC Pipes etc from first floor to ground floor without any damage and stacking the materials for reuse and disposal of the waste materials away from the site.	4	No		
12	Dismantling and removing the existing damaged Urinal including c.p.fittings, angle valves, taps, G.I/ PVC Pipes etc from first floor to ground floor and disposal of the waste materials away from the site	5	No		
13	Dismantling and removing the existing doors, windows (steel or wood) with or without ventilators including removal of shutters, hinges, holdfast and all other fittings from first floor to ground floor and stacking of all serviceable materials and disposal the waste materials away from the site	4	No		
14	Plastering with CM 1:4, 12-15mm thick (1 cement & 4 sand) 12mm thick one coat floated hard and traveled smooth to walls including all staging work watering, curing etc complete.	85	SqM		
15	Providing and fixing of 50 cm wide counter top with 18 mm thick granite slab having polished edges.The framework to be made with G.I rectangular hollow sections of size 50 x50x2 mmplaced at 50 cm centre to centre horizontally and vertically for table top at 75 cm level for front side.Necessary cutting opening for counter sunk wash basin to be provided as per direction of engineer in charge.	5	RM		
16	Providing and fixing white vitreous counter washbasin round or oval with all necessary clamps and other fittings including angle valve of required type and pvc braided heavy duty connection pipe etc. in the granite counter . (Size- 500 mm dia approximate)	7	No		
17	Providing and fixing white vitreous china pedestal type water closet (European type W.C pan) with seat and lid, 10 litre low level white flushing cistern, including flush pipe, with manually controlled device(handle lever), conforming to IS:7231 , with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: (Basic price of EWC & Cistern Rs.12,000/ No).The work includes providing & fixing angle valve of required type and pvc braided heavy duty connection pipe etc	8	No		
18	Supplying and fixing approved make white glazed urinal of size 365x335x670 mm with one pair of concealed non-corrosive brackets , installing urinal to plumb and at required level, cutting walls wherever required.The rate shall include supply and fixing of concealed flush valve and urinal spreader of approved make, heavy quality 32 mm dia. waste coupling with dome grating. fixing to urinals etc. complete.(Basic price- Rs. 7000/ No).The work includes providing & fixing angle valve of required type and pvc braided heavy duty connection pipe etc	4	No		
19	Providing and fixing granite separator(both side polished) for urinal 600 x 1200 mm of thickness 18 mm, including edge moulding, chasing the walls, and making good etc. complete.	3	No		

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20	Supplying and fixing CP health faucet 20mm jaquar or crabtree including angle valve,wall hook and all necessary fittings (basic price of health faucet Rs.1350/ No.	8	No		
21	Supplying and fixing 150mm SW gully trap including fixing in position.	11	No		
22	Supplying and fixing 100 mm drain with cockroch trap and SS grating of approved make.	10	No		
23	Supplying and fixing Two in One tap jaquar or crab tree ,(basic price of Rs.1370/No)	8	No		
24	Supplying and fixing Pillar cock for wash basin jaquar or crab tree ,(basic price of Rs.1500/No)	7	No		
25	Supplying and fixing liquid soap holder (SS) with dispenser / container of approved quality. Make - Jaquar / Cera / equivalent (basic price of Rs. 1000/No)	7	No		
26	Supplying and fixing SS tissue paper holder (basic price of Rs.1250/No) of approved quality.	8	No		
27	Supplying and fixing CP Overhead rain shower 100 mm dia jaquar or crabtree including all necessary fittings (basic price of overhead shower Rs.1400/ No.	4	No		
28	Coat Hook:- Supplying and installation of CP Coat hook (Jaquar) including all accessories required etc complete as per the instruction of Engineer in charge.	8	No		
29	Providing & fixing 5-6 mm thick mirror with polished teak wood frame mounted on 6mm thick A.C.sheet or plywood sheet and fixed to wooden plugs with C.P. brass screws and washers etc.	6	SqM		
30	Providing and fixing teak wood door frames(first class) of finished size 100 x 65 mm for doors of required size, wrought and cut to shape , rebated including M.S iron hold-fasts & painting with two coats of synthetic enamel paint over a coat of primer etc. complete	0.081	CuM		
31	Providing and Fixing factory made flush door shutters of 35 mm thick of approved manufacture, made up of solid core block board commercial faced (on both sides) to suit door frames, including teak wood lipping. 3 nos of brass butt hinges 150mm long with brass screws and painting with 2 coats of synthetic enamel paint of approved shade over a coat of primer etc.complete. for Toilet entrance doors.	3.5	SqM		
32	Toilet Door : Providing & fixing FRP doors of required size including door frame & hardwares like handles (2 nos.) , tower bolt etc complete.(Size- 200 x 76 cm approximate)	8	No		
33	Finishing plastered wall with one coat primer, 2 coat of putty and painted with 2 coat of plastic emulsion paint after cleaning the surface . Approved make of paint: Asian, Berger, Nerolac	85	SqM		

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34	Painting the walls with one coat primer, two coat plastic emulsion paint after cleaning the surface etc complete on ceiling. Approved make of paint: Asian, Berger, Nerolac	35	SqM		
35	Painting with synthetic enamel paint 2 coat over a priming coat to new wood work and iron work after cleaning the surface.	5	SqM		
36	Providing & fixing Aluminum powder coated frame with shutters for Ventilator with openable shutters: Aluminium sections to be made out of Indal / Jindal section, powder coated with approved colour, 63X38X1.2 mm horizontally at 60cm and vertically near faces, fitted with 8mm thick frosted glass, with necessary silica gel, glazing clip, suitable handles, locking arrangements, provision for fixing exhaust fan etc. complete.	5	SqM		
37	Supplying and fixing low level storage units made of 17 mm thick Multiwood finished with necessary decorative laminate over it on all exposed faces including providing shelf, necessary locks, handles, etc. All the exposed edges are to be finished with 2 mm thick PVC edge band. The rate is inclusive of cost and conveyance of all materials, labour charges including fixing with glue, nails, screw etc. complete as directed by the Engineer in charge.	1	SqM		
38	Providing and Laying of PVC pipes, Solvent pasted type joints inclusive of all necessary specials like bends, tees, offsets, junctions, pan connector etc., laid under floor / under ceiling / on walls with suitable clamps including making bores in masonry and rendering the bores in cement mortar after laying the pipes and specials curing etc., complete.				
	Concealed work				
a)	25mm PVC, 15kg/cm2	20	Rm		
b)	32mm PVC, 15kg/cm2	30	Rm		
	Open work				
g)	64mm PVC	10	Rm		
h)	75mm PVC, 4Kg/cm2	15	Rm		
i)	110mm PVC, 4Kg/cm2	30	Rm		
39	Disposal of debris : The debris to be disposed includes the dismantled tiles, earth filling in sunken slab etc. and is to be taken from first floor to ground floor and the waste materials to be disposed away from the site	1	LS		
40	The dismantled doors, windows, ventilators, sanitary & CP fittings from site is to be taken away from site at a buy-back value (To be deducted)	1	LS		
	TOTAL				
	GST				