

BILL OF QUANTITIES FOR CIVIL WORKS (FINISHING)

SI No.	Description							
1	FLOORING							
1.1	TILE FLOORING							
	Providing and laying Vitrified tile of size 600X600 mm approved make, shade and pattern as approved by Client /Architect laid over 20/12mm average thick bed of cement mortar 1:4 (1 cement : 4 coarse sand), cutting, grouting the joints with white cement pigment to match the shade of tile including cutting, etc. complete in all respects as per pattern in drawing including 100mm high skirting of same tile with cement mortar. (1:3) (1 cement : 3 coarse sand)							
	a. Kitchen with skirting							
	b. Commom area with skirting							
	c. Toilet-1 (11.37/192)							
	d. Toilet-2							
1.1.2	WOODEN FLOORING							
	25 mm wooden planking, tongued and grooved in flooring, including fixing with iron screws complete. (M.R)							
	a. Drawing /Dining with skirting 11.46.2/192							
	b. Bed Room-1 with skirting							
	c. Bed Room-2 with skirting							
1.1.3	Providing and laying antiskid ceramic tiles of size (300 X 300)mm of approved make, shade and pattern as approved by Client /Architect laid over 20/12mm average thick bed of cement mortar 1:4 (1 cement : 4 coarse sand), cutting, grouting the joints with white cement pigment to match the shade of tile including cutting, etc. complete in all respects as per pattern in drawing.							
1.1.4	Providing and laying tiles in cladding/ dado/ jamb/ soffit/ sill of size 300 X 450 with uniform thickness, shade and pattern as approved by Architect/Client laid with rich cement slurry/ approved tile adhesive over a bedding plaster of 6mm (avg.) thick cement mortar 1:3 (1 cement : 3)							
	a. Kitchen (11.36/192)							
	b. Toilet-1							
	c. Toilet-2							

1.2	STONE FLOORING						
B.	With 20 mm thick granite stone (8.2.2.1/128)						
1.2.1	Providing and laying skirting of stone over 12 mm average thick cement mortar 1:3 (1 cement : 3 coarse sand) jointed cement slurry mixed with pigment to match the shade of slab including corner/ edge grinding, wherever required complete as per specification including rubbing and mirror polishing complete.						
A.	Up to 20 mm thick Kota stone (11.26/191)						
B.	With 20 mm thick granite stone						
1.3.1.A	Same as Item No.1.2.1A but fixed on stair case in one piece of stone (8.2.2.1/28)						
1.3.1.B	Same as Item No.1.2.1 B but fixed on stair case in one piece of stone. (11.32/192)						
1.3.1.C	Same as Item No.1.2.2 A but fixed on stair case. (11.32/192)						
1.3.1.D	Same as Item No.1.2.2 B but fixed on stair case (11.32/192)						
1.4	STONE CLADDING /JAMB ETC.						
1.4.1	Providing and fixing pre-polished stone cladding/ dado/ bands/ making architraves/ strips/ sills/ soffits/ jambs/ coping/ ledges etc in specified sizes as per drawing laid with 20 mm avg. thickness of cement mortar 1:3 (1cement : 3 coarse sand) wet cladding as per design cutting pockets in brick work & fixing with non shrink grouting material, pins, dash fastener of approved make and fixing grit on back of stone with araldite etc including filling the joints with white cement with matching pigment, chamfering, making grooves, pointing, edge polishing etc wherever required, scaffolding, curing etc. complete as per drawing.						
A	With 18 thick Polished Granite stone and joint to be filled with white cement slurry mixed with pigment to match the shade of stone. (8.1.12+3.2/128)						

1.5	COUNTER TOP, FACIA, LEDGE						
1.5.1	Providing and Laying machine cut pre-polished stone slab/ tile in required size of approved quality in counters fixed over average 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and joints neatly finish with cement paste mixed with matching pigment including edge chamfering, moulding, making openings/ holes for sink/ wash basin, mixers, soap dispenser, ledge/ surrounding of bathtub, back splash, facia, ledges of shower area etc. as required and mirror polishing of moulding and cut edges, filling silicon at junctions with sanitary fixtures and corners with wall wherever required etc complete as per drawing.						
A	With 18 mm thick Granite stone on kitchen/ wash basin counter and joint to be filled with white cement slurry mixed with pigment to match the shade of stone. (3.2, 8.2, 8.5/128)						
1.6	Reinforced cement concrete flooring (thickness 75 mm to 100 mm) using Sqm M-20 grade concrete including the cost of side shuttering with MS channels, vibrating, curing, groove cutting, but excluding the cost of reinforcement steel complete. But including vacuum dewatering the concrete floors using TREMIX and finishing the top surface to required level/ slope and grade with rough / polish finish using power trowels. (16.42/268)						
2	UPVC Works & WOODEN WORKS						
2.1	Providing and Fixing factory made uPVC door frame and shutters made of uPVC extruded sections , of size 65 mm x 55 mm with wall thickness 2.0 mm (± 0.2 mm) , corners of the door frame to be mitred cut and jointed with plastic brackets and stainless steel screws, reinforcing hinge side vertical of the frames with PVC profile of Size 28 mm x 30 mm having wall thickness 2 mm (±0.2 mm), including providing & fixing 3 nos of 125 mm long stainless steel hinges to the frame, fixing the frame with jamb with required number & size of anchor dash fastners including all the necessary fitting handels lock and glass as per drawing and all complete as per manufacturer's specification and direction of Engineer-in-charge(9.143)						

2.2	Flush door						
	Providing and Fixing 35 mm thick flush door shutters of approved quality and make non decorative type core of block board construction with internal frame of 1st class hard wood and well matched 3mm commercial ply veneering with vertical grains or cross band and face veneer on both the face of shutter including lipping of second class teak wood battens 25mm minimum depth on all edges of shutter with ISI mark steel butt hinges in minimum 3 No. per shutter of stainless steel screw at all the level complete in all respect. (9.21+9.23/151)						
2.3	Same as item no. 2.2 but using decorative veneering on both the face of shutter with ISI mark steel butt hinges in minimum 3 No. per shutter of stainless steel screw at all the level complete in all respect. (9.21+ 2 X 9.22 +9.23)/151						
2.4	Hardwares						
	Providing and fixing following aluminium powder coated (unless otherwise mention) hardware's including all necessary screws, nails, adhesive and any other fixing hardware's. Cutting In door frames, shutters, floors and providing all other fixing arrangement.						
2.4 a	Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineerin- charge.						
b).	Sliding door bolts : 200 x 16mm (9.96.2)						
c).	Masic eye (M.R)						
d).	Safety Chain (9.69)						
e).	Tower bolt size ; 200 x 10 mm (main door) (9.97.2)						
f).	Tower bolt ; 150 X 10 mm (internal door) (9.97.2)						
g).	Rubber door buffers (M.R)						
h).	door stopper (9.101)						
i).	Handels: 150 (9.100.1)						
2.5	Providing & fixing M.S door shutter of built up section with grill lowers etc. as per drawing with 1.5 mm thick M.S sheet if required including 3 mm thick M.S gusset plate at all the junctions and corner with all necessary fitting complete including applying a coat of approval steel primer (zinc chromate) using M.S handle sliding door bolt of size 300X16 etc. complete in all respect at the level.(MR)						
2.6	steel work welded in built-up section framed						

	work including cutting hoisting fixing in position and applying a priming coat of approved steel primer (Zinc Chormate) using structural steel etc. as required in railing, grill bracket, gates& similar work including grinding etc. complete in all levels.						
A.	BALCONY (10.25 10 26/179)						

M/s.VVIP ADDRESSES

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B.	Coridoor						
C.	Stair cash main & fire stair case						
2.7	Providing and fixing specified wood frame work consisting of battens 50x25 mm fixed with rawl plug and drilling necessary holes for rawl plug etc. including priming coat complete.(M.R)						
2.8	Acp Sheet for garbage chute						
2.9	Providing and fixing powder coated Aluminium door window frame(16 gauge) in fire shaft, electrical shaft and L.V shaft as per the shample apporved by the client including 6 mm thick of glass pans.						

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3	FINISHING WORKS						
3.1	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete(13.80)						
	(Quoted Rate shall be for all heights, depths, levels, leads and lifts and to include repair and cutting of all type of excess concrete of RCC member for internal and external areas and also scaffolding where as required						
3.2	Providing and fixing false ceiling with 8-12 mm thick plain/ semi perforated or with design ceiling tiles of BWP type phenol formaldehyde synthetic resin bonded pressed particle board conforming to :3087, finished with a coat of aluminium primer on both sides & edges, including two coats of synthetic enamel paint of approved quality on exposed face, fixed to a grid made out of anodised aluminium (with 15 micron anodic coating) Tsections 35 x15x1.5 mm size main runners, cross runners 23.5x19x1.5 mm fixed to main runners placed 600 mm centre to centre both ways so as to form a grid of 600 mm square. The frame work shall be suspended from ceiling by level adjusting hangers of 6 mm dia M.S rod fixed to roof slab by means of ceiling cleats and dash fastener. The suspenders shall be placed 600 x 1200 mm centre to centre including fixing to the frame with C.P brass screws and applying a priming coat of zinc chromate yellow primer.						

3.3	Supply, Erected and fixing of slotted angel of size 60*60*8 in shaft for pipe support. angel frame fixed on wall by falsner or by grouting as per the site condition.						
3.4	WHITE WASH						
	Applying two or more coat of white/color washing with lime superior quality on ceilling of approved quality in all shade to give an even shade approved by Architect at all levels. (13.37/225)						
3.4	Oil bound distemper						
	Providing and applying three or more coats of oil bound distemper of approved brand and colour to give an even shade on new plastered work over a coat of approved primer including the cost of preparing the surfaces with filling materials (putty), along with repair work. (13.41/225)						
3.6	Enamel paint on walls						
	Painting (2 or more coats) with superior quality of enamel paint of approved quality and shade as to give an even shade approved by architect at all levels. (13.61/227)						
3.7	Enamel paint on wood work						

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	Painting (2 or more coats) with superior quality of enamel paint for wood of approved quality in all shade as to give an even shade approved by architect over an under coat of suitable shade with ordinary paint of approved brand and manufacturer including a priming coat of approved primer at all levels.						
	Enamel paint on steel work						
	Painting (2 or more coats) with superior quality of enamel paint for steel work of approved quality in all shade as to give an even shade approved by architect over an under coat of suitable shade with ordinary paint of approved brand and manufacturer including a priming coat of approved primer at all levels.						

A.	Internal door balcony railing (M.R)						
B.	Corridor Railing (M.R)						
C.	Stair case railing (M.R)						
3.8							
3.9	Polishing of new wood work with ready mixed polish of approved brand and manufacture including a coat of wood filler (13.69.1)						
4	Water proofing and roofing						
4.1	Providing and laying composite built up waterproofing in the toilets/ kitchen/ pantry etc. comprising of three coats of Tapecrete polymer, each coat admixed with cement in the proportion 1:2 (one part Tapecrete or Pidicrete and two parts cement) over a primer coat of neat cement slurry admixed with impermeable chemical CH-9. After the second coat of Tapecrete, all corners, edges, joints of pipes with concrete / masonry should be sealed with epoxy putty. The waterproofing treatment is to be laid underneath all sanitary pipes on the base and taken up onto the verticals upto a level of minimum 300 mm above the finished toilet floor level including providing and fixing of PVC spout. 10 mm thick protective plaster 1:4 (1 cement : 4 coarse sand) over treated surface etc complete. (Quoted rate to include grouting of RCC surface for any cracks/ fissures) (22.5/364)						
4.2	Water proofing of the area all around the pipe in floor by filling the concrete of ratio 1:1:2 with size of aggregate upto 8 mm and mix the water proofing compound in concrete including shuttering if required and quarring the area upto 7 days. (M.R)						
4.3	Providing and laying in position water proofing treatment at terrace as follows:						
i	Spreading 25mm thick cement mortar in ratio 1:5 (1 cement : 5 coarse sand) admixed with water proofing chemical, conforming to IS-2645.						
ii	Laying a layer of brick bats laid to slope with avg. thickness 100mm, filling the voids of joints of brick bats with cement mortar in ratio 1:5 (1 cement : 5 coarse sand) admixed with water proofing chemical.						

iii	Top layer to be finished with joint less cement plaster Cement mortar in ratio 1:4 (1 cement : 4 coarse sand) with minimum thickness 20mm admixed with water proofing chemical and finished with false marking of 300mm square including carrying-out the top layer plaster along the vertical upto 300mm height as per as standard practice (Plan area to be measured).						
4.4	Providing gola 75 X 75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregated 10mm and down gauge) including finishing with cement mortar 1:3 (1 cement: 3 fine sand) as per standard design. (12.21/207)						
4.5	Making khurras 45 X 45cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate of 20mm nominal size) over PVC sheet 1 m x 1m x 400 micron, finished with 12mm cement plaster 1:3 (1 cement : 3 coarse sand and a coat of neat cement rounding the edges & making & finishing the outlet complete. (12.22/207)						
4.6	Providing and laying four courses water proofing treatment with bitumen felt over roofs & walls consisting of first and third courses of blown bitumen 85/25 or 90/15 conforming to IS : 702 applied hot @ 1.45 Kg per square metre of area for each course, second course of roofing felt type 3 grade-I (hessian based self finished bitumen felt) and fourth and final course of stone grit 6 mm and down size or peasized gravel spread at 6 cubic diameter per square metre including preparation of surface but excluding grading complete with Bitumen felt (hessian base) type 3 grade I conforming to IS : 1322 (22.8/381)						
	TOTAL COST OF FINISHING WORK						
	Built up Area						
	COST PER SQFT						