

**NAME OF WORK:-Construction of Toilet Block at Court Building At-Harij, Ta-Harij, Dist- Patan.**

## **INDEX OF SPECIFICATION**

<b>Tender Item No.</b>	<b>Description of Item</b>	<b>Volume No.</b>	<b>Item No. as per Standard specification booklet</b>	<b>Page No. as per Standard specification booklet</b>	<b>Remarks</b>
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1	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	Bldg. Specification Booklet	4.0.0.	29	
2	Providing and laying cement concrete 1:4:8 (1- Cement : 4- coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	Bldg. Specification Booklet	5.3.3.(A)	38	
3	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	Bldg. Specification Booklet	6.12.(B)	51	
4	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	Bldg. Specification Booklet	4.12.	35	
5	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	Bldg. Specification Booklet	4.24	35	
6	Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- crushed stone aggregates 20 mm nominal size) and curing complete including cost of formwork in (A) Wall Caps / Coping	Bldg. Specification Booklet	5.3.14 (A)	38	

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7	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	Bldg. Specification Booklet	5.3.13 (A)	40	
8	Brick work using common Brunt clay building bricks having crushing strength not less than 35 Kg./Sq.cm.. In super structure above plinth level upto floor two level in cement mortar 1:6 (1cement : 6 fine sand) (b) Conventional	Bldg. Specification Booklet	6.12.(B) 6.20.	51 53	
9	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Slabs, landing, shelves, Balconis , Lintels, Beams, Girders and Cantilever upto floor two level.	Bldg. Specification Booklet	5.4.1	43	
10	Providing 10 mm. Thick cement plaster in single coat for plastering on ceiling and soffits of stairs upto floor two level and finished even and smooth in : (I) Cement mortar 1:3 (1 cement : 3 sand) Ground Floor	Bldg. Specification Booklet	17.58 (i)	119	
11	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	Bldg. Specification Booklet	5.4.11.	45	TMT Steel instead of HYSD Bar
12	20 mm. thick sand faced cement plaster on wall up to height 10 Meters above ground level consisting of 12mm thick backing coat of C.M. 1 : 3 (1 cement : 3 sand) and 8 mm thick finishing coat of C.M. 1 : 1 (1 cement : 1 sand) etc. complete	Bldg. Specification Booklet	17.95.	122	
13	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	Bldg. Specification Booklet	18.51.	135	Weather proof exterior emulsion paint instead of water proofing cement paint
14	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	Bldg. Specification Booklet	18.51.	135	Weather proof exterior emulsion paint instead of water proofing cement paint

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15	Providing and fixing flush door shutters, solid core construction with frame of first class hardwood with cross board and face veneer or plywood face panels, including anodised aluminium butt hinges with necessary screws. (B) Non-decorative type and block board core anodised aluminium butt hinges in flush door shutters (2) 35 mm thick	Bldg. Specification Booklet	10.30.	72	
16	Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm @ Wt. 0.643 Kg/mt with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation		As Per Separate Sheet Attached		
17	Providing and fixing washbasin with single hole for pillar tape with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings. (A) vitreous china : II. Flat back washbasin 550 mm x 400 mm size (I) IN white colour	Bldg. Specification Booklet	23.127.	167	
18	Providing and fixing urinal of approved quality connecting the urinal with waste pipe, trap etc. complete. (A) White earthen ware flat back or corner type size 430mm x 260mm x 350 mm	Bldg. Specification Booklet	23.122.(A)	172	
19	Providing and fixing S.W. Gully trap with C.I. Grating brick masonry chamber and water tight C.I. Cover with frame of 300 mm. X 300 size (inside) with standard weight (I) Square mouth traps (C) 150 mm. X 100 mm size p or R type	Bldg. Specification Booklet	24.19 (i)	176	
20	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I. screed down or hinged grating including the cost of cutting and making good the walls.	Bldg. Specification Booklet	23.87.	164	PVC SWR 100 mm Nahni trap instead of Cast iron (Spun) Nahni trap.
21	Constructing brick masonry chamber for under ground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35 Kg/cm <sup>2</sup> in cm. 1:5 C.I. Cover with frame (light duty) 455 mm. X 610 mm. Internal dimensions, total weight of cover with frame to be not less than 38 Kgs. weight of cover 23 Kg. and wt. of frame 15 Kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm. size ) foundation concrete 1:5:10 inside plaster 15 mm. thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls & bed concrete etc. complete. (I) inside dimensions, 455 mm. x 610 mm. And 450 mm. Deep for single pipe line	Bldg. Specification Booklet	24.44.(I)	183	

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22	Providing laying and jointing in true line and level U.P.V.C. Pipe ( SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent including cost of all materials				
0	(A) 15mm Dia	Bldg. Specification Booklet	23.80	162	The fixing of shall be 15 mm dia U.P.V.C. pipe instead of PVC pipe.
0	(B) 25mm Dia	Bldg. Specification Booklet	23.80	162	The fixing of shall be 25 mm dia U.P.V.C. pipe instead of PVC pipe.
0	(D) 40mm dia	Bldg. Specification Booklet	23.80	162	The fixing of shall be 40 mm dia U.P.V.C. pipe instead of PVC pipe.
0	(E) 50mm dia	Bldg. Specification Booklet	23.80	162	The fixing of shall be 50 mm dia U.P.V.C. pipe instead of PVC pipe.
23	Providing and laying white glazed tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	Bldg. Specification Booklet	14.29.	96	
24	Providing and laying white glazed tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand ) finishing with flush pointing in white cement.	Bldg. Specification Booklet	14.32.	97	
25	Providing and fixing Screw down Quarter turn bib taps of following size (A) Brass chromium plated screw down Bib tap (I) 15 mm dia {Plumber, Mark, Esco equivalent brand}	Bldg. Specification Booklet	23.92(A) (I)	170	Quarter turn bib tap approved make Plumber, Mark, Esco equivalent brand

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26	Providing and fixing CP brass Quarter turn pillar tap, capstan head screw down high pressure with screw, shanks and back ndts (A) 15 mm dia {Jaquar, Plumber, Mark Long pipe}	Bldg. Specification Booklet	23.95 (A)	170	CP Brass quarter turn pillar tap. Approved make Jaquar, Plumber, Mark Long pipe
27	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(i) 25mm dia.	Bldg. Specification Booklet	23.00.	171	
28	Providing and fixing CP brass stop cock of approved quality 15 mm size with adjustable wall flange .	Bldg. Specification Booklet	23.96 (A)	171	
29	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 ( 1-Cement : 3-coarse sand ) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (B) Conventional	Bldg. Specification Booklet	6.30.I (A)	54	
30	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.		As Per Separate Sheet Attached		
31	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall.clearing with water and oxalic acid etc. as directed.		As Per Separate Sheet Attached		

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32	Providing and laying Machine cut, Free edges, Machine polished Telephone Black Madras Granite stone slab 18 mm (Average) thick {Single piece not more than 150 cm } for stair steps and riser as per design incl. full moulded round front edge & 1 cm nosing & necessary groove on trade of steps laid on 20 mm thick cement mortar 1:6 (1 -cement : 6 coarse sand ) jointed with grey cement slurry including rubbing and polishing etc. complete.	<i>Bldg. Speci. Booklet</i>	14.44	99	Except that the whole work is to be carried out by fixing Machine cut, Free edges, Machine polished Telephone Black Madras Granite stone slab 18 mm (Average) thick {Single piece not more than 150 cm } for stair steps and riser as per design
33	Providing and fixing 600 mm x 450 mm bevelled edge mirror of superior glass mounted on 6 mm thick A.C sheet or plywood sheet or PVC framing and fixed to wooden plugs with C.P brass screw abd washers.	<i>Bldg. Speci. Booklet</i>	23.143.	169	
34	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot rest and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour	<i>Bldg. Specification Booklet</i>	23.111.(A)(I)	163	
35	Pro. & Fix. wash down water closet (European w. c .pan) with integral "P" or "S" trap and PVC flushing cistern with a pair of C.L.I. Or Mild steel Brackets, complete with fittings such as lead valve siphon, 15 mm. Nominal size brass ball valve with polythene float, C.P. Brass handle unions and couplings for connections with inlet, outlet and over flow pipes, 40 mm. dia. flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet etc comp incl plastic sheet cover, Jet spray heavy duty with S.S. Braided hose 60 cm long including jointing trap with pipe in cm 1:1 (a ) Vitreous china in white or color {Hindustan, Cera, Parnware or equivalent }	<i>Bldg. Speci. Booklet</i>	23.112 (A) 23.116 23.117	165 166 166	<i>Work shall be carried out as per item description &amp; directed by engineer incharge. Plastic Sheet Cover &amp; Jet Spray for good and approved brand</i>
36	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Selt glazed stoneware pipes including testing of pipes and joints complete.(B) 150mm dia.	<i>Bldg. Specification Booklet</i>	24.1.(B)	175	
37	SIGNAGES ON DOOR :Providing and fixing 304 grade stainless steel 1.5mm thick brushed steel finish plate fixed on a door using S.S studs and with punched (laser cut) lettering carried out on S.S plate of required size and text as directed by engineer etc. complete. Size 30 cm x 15 cm		As Per Separate Sheet Attached		

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38	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Bldg. Specificat ion Booklet	17.58 (i)	119	<i>15 mm thick plaster instead of 10 mm thick single coat mala plaster</i>

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