

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

## ***BILL OF QUANTITY***

It No.	Quantities estimated but may be more or less	Item of Work	Rate		Unit	Total amount according to estimated qty
			Rs. In Figures.	In Words		
1	2	3	4	5	6	7
1	9.00	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	128.79	<i>Rupees One Hundred Twenty Eight And Paise Seventy Nine Only</i>	Cu.mt.	1159.11
2	1.00	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	2660.31	<i>Rupees Two Thousand Six Hundred Sixty And Paise Thirty One Only</i>	Cu.mt.	2660.31
3	5.00	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	3708.98	<i>Rupees Three Thousand Seven Hundred Eight And Paise Ninety Eight Only</i>	Cu.mt.	18544.90
4	4.00	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.	137.47	<i>Rupees One Hundred Thirty Seven And Paise Forty Seven Only</i>	Cu.mt.	549.88
5	1.66	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	429.24	<i>Rupees Four Hundred Twenty Nine And Paise Twenty Four Only</i>	Cu.mt.	712.54
6	1.00	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	3909.60	<i>Rupees Three Thousand Nine Hundred Nine And Paise Sixty Only</i>	Cu.mt.	3909.60
7	2.00	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	3575.49	<i>Rupees Three Thousand Five Hundred Seventy Five And Paise Forty Nine Only</i>	Cu.mt.	7150.98

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1	2	3	4	5	6	7
8	7.00	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	4004.12	Rupees Four Thousand Four And Paise Twelve Only	Cu.mt.	28028.84
9	2.00	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.	3960.12	Rupees Three Thousand Nine Hundred Sixty And Paise Twelve Only	Cu.mt.	7920.24
10	9.00	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	141.92	Rupees One Hundred Forty One And Paise Ninety Two Only	Sq.mt.	1277.28
11	380.00	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	77.29	Rupees Seventy Seven And Paise Twenty Nine Only	Kg.	29370.20
12	43.00	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	330.72	Rupees Three Hundred Thirty And Paise Seventy Two Only	Sq.mt.	14220.96
13	44.00	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.	88.39	Rupees Eighty Eight And Paise Thirty Nine Only	Sq.mt.	3889.16
14	43.00	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	122.14	Rupees One Hundred Twenty Two And Paise Fourteen Only	Sq.mt.	5252.02

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1	2	3	4	5	6	7
15	4.20	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 alluminium butt hinges with necessary screws. (B) Non-decorative type and block board core anodised alluminium butt hinges in flush door shutters. (2) 35 mm thick	1829.74	Rupees One Thousand Eight Hundred Twenty Nine And Paise Seventy Four Only	Sq.mt.	7684.91
16	0.54	Providing and fixing standard extruded of alluminium section of size 63mm x 38.10mm x 1.2mm @ Wt. 0.643 Kg/mt with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	1175.56	Rupees One Thousand One Hundred Seventy Five And Paise Fifty Six Only	Sq.mt.	634.80
17	2.00	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	1657.09	Rupees One Thousand Six Hundred Fifty Seven And Paise Nine Only	Nos.	3314.18
18	1.00	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	1074.86	Rupees One Thousand Seventy Four And Paise Eighty Six Only	Nos.	1074.86
19	2.00	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	1246.92	Rupees One Thousand Two Hundred Forty Six And Paise Ninety Two Only	Nos.	2493.84
20	2.00	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.	614.19	Rupees Six Hundred Fourteen And Paise Nineteen Only	Nos.	1228.38

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1	2	3	4	5	6	7
21	1.00	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	2932.93	<i>Rupees Two Thousand Nine Hundred Thirty Two And Paise Ninety Three Only</i>	Nos.	2932.93
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	0.00	<i>Rupees Nil</i>		0.00
	10.00	(A) 15mm Dia	72.65	<i>Rupees Seventy Two And Paise Sixty Five Only</i>	Rmt.	726.50
	10.00	(B) 25mm Dia	91.84	<i>Rupees Ninety One And Paise Eighty Four Only</i>	Rmt.	918.40
	15.00	(D) 40mm dia	148.12	<i>Rupees One Hundred Forty Eight And Paise Twelve Only</i>	Rmt.	2221.80
	15.00	(E) 50mm dia	195.67	<i>Rupees One Hundred Ninety Five And Paise Sixty Seven Only</i>	Rmt.	2935.05

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1	2	3	4	5	6	7
23	44.00	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	1127.48	<i>Rupees One Thousand One Hundred Twenty Seven And Paise Forty Eight Only</i>	Sq.mt.	49609.12
24	8.38	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.	964.48	<i>Rupees Nine Hundred Sixty Four And Paise Forty Eight Only</i>	Sq.mt.	8082.34
25	3.00	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}	186.83	<i>Rupees One Hundred Eighty Six And Paise Eighty Three Only</i>	Nos.	560.49
26	1.00	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}	354.69	<i>Rupees Three Hundred Fifty Four And Paise Sixty Nine Only</i>	Nos.	354.69
27	2.00	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(i) 25mm dia.	263.77	<i>Rupees Two Hundred Sixty Three And Paise Seventy Seven Only</i>	Nos.	527.54
28	2.00	Providing and fixing CP brass stop cock of approved quality 15 mm size with adjustable wall flange .	205.83	<i>Rupees Two Hundred Five And Paise Eighty Three Only</i>	Nos.	411.66
29	5.00	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	636.22	<i>Rupees Six Hundred Thirty Six And Paise Twenty Two Only</i>	Sq.mt.	3181.10
30	500.00	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.	3.95	<i>Rupees Three And Paise Ninety Five Only</i>	Liter	1975.00

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1	2	3	4	5	6	7
31	10.22	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.	779.70	<i>Rupees Seven Hundred Seventy Nine And Paise Seventy Only</i>	Sq.mt.	7968.53
32	6.00	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.	1695.79	<i>Rupees One Thousand Six Hundred Ninety Five And Paise Seventy Nine Only</i>	Sq.mt.	10174.74
33	1.00	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.	859.41	<i>Rupees Eight Hundred Fifty Nine And Paise Forty One Only</i>	Nos.	859.41
34	1.00	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour	1034.15	<i>Rupees One Thousand Thirty Four And Paise Fifteen Only</i>	Nos.	1034.15

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1	2	3	4	5	6	7
35	1.00	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, Parryware or equivalent }	3354.21	<i>Rupees Three Thousand Three Hundred Fifty Four And Paise Twenty One Only</i>	Nos.	3354.21
36	10.00	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.	317.35	<i>Rupees Three Hundred Seventeen And Paise Thirty Five Only</i>	Rmt.	3173.50
37	1.00	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	1010.00	<i>Rupees One Thousand Ten Only</i>	Nos.	1010.00
38	35.00	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)	188.98	<i>Rupees One Hundred Eighty Eight And Paise Ninety Eight Only</i>	Sq.mt.	6614.30
				<b>Total</b>	<b>Rs.</b>	<b>249702.45</b>

I / We am / are willing to carry out the work at .....% below / above ( Should be written in figure and words ) of the tender rates mentined above Amount of my / our tender works out as under.

Tender amount Rs.....

Tender amount Rs.....

Add.....% above Rs.....

Less.....% below Rs.....

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			Rs. In Figures.	In Words		
1	2	3	4	5	6	7
	Net in words	Rs.....		Net in words	Rs.....	

**Signature of Contractors**

Dy.Executive Engineer  
R & B Sub Division  
Harij