

## ABSTRACT OF COST

SR. NO.	DESCRIPTION OF ITEMS	C.S.R ITEM NO.	QUANTIT Y	RATE	unit	AMOUNT	PRE MI UM	PREMIUM AMOUNT	TOTAL AMOUNT
1	Earth work in excavation in foundations, trenches etc.in all kinds of soil where pick jumper work is not involved and not exceeding 2.0 metres depth including dressing of bottom and sides of trenches, stacking the excavated soil clear from the edge of	6.6	398.27	66.28	CUM	26397.34	80	21117.87	47515.20
2	Earth filling under floors with surplus ordinary soil or soil containing gravel or kankar upto 40% excavated from foundation and taken only from outside the building plinth in 15 cm layers including ramming, watering and consolidating lead up to 20 metres	6.8 b i	371.92	52.77	CUM	19626.22	80	15700.97	35327.19
	lead 5km 5.2(i)		371.92	142.5	CUM	52998.60	20	10599.72	63598.32
	loading unloading 4.1b 16.80+9.80/2		371.92	21.7	CUM	8070.66	75	6053.00	14123.66
3	Cement Concrete 1:8:16 with brick ballast 40mm gauge.	10.6	20.13	1570.22	CUM	31608.53	35	11062.99	42671.51
4	Shuttering for faces of concrete foundations and foundation beam & plinth beam (vertical or battering)	9.1	130.85	117.27	SQM	15344.78	35	5370.67	20715.45
5	Centring and shuttering for sides and soffits of beam, beams launchings girders bressumers, lintels G.F.	9.6	96.07	139.80	SQM	13430.59	35	4700.71	18131.29
6	Centring and shuttering for sides and soffits of beam, beams launchings girders bressumers, lintels 1ST.F.	9.6+ NOTE	96.07	141.80	SQM	13622.73	35	4767.95	18390.68
7	Centring and shuttering for columns (Square or rectangular or poly gonal in plain)G.F.	9.4	213.00	179.27	SQM	38184.51	35	13364.58	51549.09
8	Centring and shuttering for columns (Square or rectangular or poly gonal in plain) 1ST F.	9.4+ NOTE	112.00	181.27	SQM	20302.24	35	7105.78	27408.02
9	Centring and shuttering for flat surfaces such as suspended floors, roofs, landings, chajjas, shelves etc.	9.8	225.45	153.12	SQM	34520.90	35	12082.32	46603.22
	first floor 4+		212.00	155.12	SQM	32885.44	35	11509.90	44395.34
10	Reinforced cement concrete M-20 with cement @375/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in foundation and plinth	10.15	62.41	3218.00	CUM	200835.38	28	56233.91	257069.29
11	Reinforced cement concrete M-20 with cement @375/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in superstructure. G.F.	10.21	91.38	3534.60	CUM	322991.75	28	90437.69	413429.44

12	Reinforced cement concrete M-20 with cement @375/kg per cum hand mixed but excluding steel reinforcement centring and shuttering in superstructure.1ST F.	10.21+N OTE	70.66	3558.60	CUM	251450.68	28	70406.19	321856.87
13	First class burnt brick work laid in cement sand mortar 1:6 in foundation and plinth.	11.3	6.02	2412.63	CUM	14524.03	54	7842.98	22367.01
14	First class burnt brick work laid in cement sand mortar 1:6 in first storey upto 4 metres above plinth level.							0.00	
	G. F.	11.4	105.14	2595.23	CUM	272862.48	54	147345.74	420208.22
	1ST.F.	11.4	64.92	2650.09	CUM	172043.84	54	92903.68	264947.52
15	Terracing corisiting of tiles 22.86x11.43x3.83cm laid over 25 mm mud plaster 7.5 cm mud filling on another laver of 25mm mud plaster including two coats of bitumen laid hot at 1.65 Kg/sqm top of RCC slab including grouting with cement sand	13.13	185.96	369.23	SQM	68662.01	54	37077.49	105739.50
16	Embedding 100mm dia CI rain water non pressure ISI mark pipe in cement mortar during masonry work.	13.44	85.36	732.99	SQM	62568.03	30	18770.41	81338.43
17	Top khurra 0.6m x 0.6m for rain water pipe in 25mm thick cement concrete 1:2:4 over 50mm thick cement concrete 1:8:16.	13.45	7.00	65.25	SQM	456.75	38	173.57	630.32
18	Bottom Khurra on ground 1.2m x 0.6m consisting of brick on-edge laid in cement mortar 1:3 over 75mm cement concrete 1:8:16 including 12.5mm thick cement plaster 1:3	13.51	7.00	394.69	SQM	2762.83	45	1243.27	4006.10
19	Cement concrete 1:2:4 gola 10cm x 10cm concave quadrant along junction of roofs with parapet wall finished smooth, where specially specified.	13.55	61.00	35.77	M	2181.97	38	829.15	3011.12
20	Base course of floor consisting of 100mm thick cement concrete 1:8:16 and 100mm sand filling. G.f.	14.30	185.96	197.32	SQM	36693.63	33	12108.90	48802.52
21	Screed of 50mm thick cement concrete 1:8:16 to be laid below the topping. G.f.	14.11	185.96	90.01	SQM	16738.26	30	5021.48	21759.74
22	12.5 mm thick cement plaster 1:4 G.F.	15.9	498.63	84.10	SQM	41934.78	40	16773.91	58708.70
23	12.5 mm thick cement plaster 1:4 1ST F.	15.9+N OTE	250.00	85.30	SQM	21325.00	40	8530.00	29855.00
24	20mm thick cement plaster 1:4 in two coat work G.F.	15.21	489.73	103.22	SQM	50549.93	40	20219.97	70769.90
25	20mm thick cement plaster 1:4 in two coat work 1ST F.	15.21+ NOTE	290.00	104.42	SQM	30281.80	40	12112.72	42394.52

26	Finishing walls with Premium Acrylic smooth exterior paint with silicon additives of required shade with two coats applied @ 1.43litre/10 sqm over and including base coat of water proofing Cement Paint applied @ 2.20 Kg/10 sqm	16.61	844.00	65.16	SQM	54995.04	50	27497.52	82492.56
27	Preparation of plastered or concrete surface for painting (including sand papering the surface) using ready mixed cement based wall putty by applying two coats to get required finish	16.66	1075.56	39.58	SQM	42570.66	40	17028.27	59598.93
28	Distemping with Acrylic washable oil bound distemper (of approved manufacture) two coats over one priming coat to give an even shade.	16.11	1075.00	35.60	SQM	38270.00	40	15308.00	53578.00
29	Factory manufactured flush door fixed in position iron hinges, etc (excluding the cost of any fittings other than specified above but including labour for fixing the same in position (Code : II	17.27 a iv	15.37	2442.02	SQM	37533.85	20	7506.77	45040.62
30	Kail wood doors shutter and window shutter panelled, glazed or glazed and panelled including hinges screws chokes cleats and cords etc. complete flied in position (Single Leaf) 25mm thick	17.17 I b	50.00	1756.52	SQM	87826.00	20	17565.20	105391.20
31	Cold twisted deformed (ribbed/ tor steel) Bars Fe 415 grade as per IS 1786-1985 for R.C.C. works, where not included in the complete rate of R.C.C. including bending, binding, and placing in position complete. FOUNDATION & PLINTH	18.17	237.60	4983.14	QTL	1183944.06 189139 #####	16	189439.05	1373433.11
32	Wire gauze door shutter with Kail wood without springs housed in chowkats (Single Leaf)	17.11 I a	50.00	1726.54	sqm	86327.00	45	38847.15	125174.15
33	Providing & Fixing glass panes with nails and putty or wooden strip complete in all respect	17.26	25.00	567.87	sqm	14196.75	45	6388.54	20585.29

34	Supply & Fixing of pressed steel frames (Chowkats) consisting of 18 gauge (1.25mm) thick steel sheet of the specified section(standard design latest) including iron lugs (hold fasts) iron hinges, conforming to P.W.D. specifications including bolts for fixing stops, locknotch provision for receiving tower bolts, Hydraulic spring and finished with one priming coat of approved quality, fixed in position, including the cost of cement concrete 1:3:6 for filling in the frame and cement concrete 1:2:4 for lugs complete.	18.24							
	Doors and windows frame of size 113mm x 60mm with 35 mm wide single rebate weighing 3.43 kg per meter.	a	60.00	306.10	M	18366.00	23	4224.18	22590.18
	Doors and windows frame of size 151mm x 60mm with 35 mm wide double rebate weighing 3.95 kg per meter.	b	290.00	356.98	M	103524.20	23	23810.57	127334.77
35	Wrought iron and mild steel ladders, framed grills, grating etc. with ends of bars, riveted or welded or forged, framed window guards, barred iron doors, stair case, iron railing including cost of bolts and nuts or screws or welding rod, complete fixed in position.	18.40	25.00	6894.90	QTL	172372.50	23	39645.68	212018.18
36	Providing and fixing stair case railing made out of M.S. square bars 20mm x 20mm as vertical part 0.70 m high fixed with M.S. base plate of 40mm x 40mm x 6mm and flat iron 40mm x 6mm as hand rail complete in all respect	18.30	27.44	730.31	M	20039.71	16	3206.35	23246.06
37	Kota stone tile flooring 20mm to 30 mm thick over 12.5mm thick base of cement mortar 1:3 (1 cement, 3 Sand) laid and jointed with neat cement slurry, mixed with pigment to match the shade of stone including rubbing and polishing.	14.88	371.92	954.05	SQM	354830.28	16	56772.84	411603.12

38	Supplying and fixing rolling shutters of approved make, made of 80mm x 1.25mm M.S. Laths, interlocked together through their entire length, and jointed together, at the end by end locks, mounted on specially designed pipe shaft, with brackets, side guides 27.5 cm long wire spring grade No. 2 and arrangement for inside and outside locking, with push and pull operation complete, including top cover 0.80mm thick (payment is to be made for the exact size of opening; where rolling shutter is to be fixed).	18.11	18.30	2172.89	SQM	39763.89	16	6362.22	46126.11
39	Providing and fixing in position Chinaware	30.40							
	European type water closet P trap or S trap								
	(to the approval of the Engineer-in-charge)								
	suite-consisting of 10 ltr. PVC flushing								
	cistern supported on angle iron bracket,								
	short bend 32 mm dia including cost of								
	solid white cover complete in all respect and								
	to the entire satisfaction of engineer in								
	charge.	no.	1.00	3995.50	no	3995.50			3995.50
40	Providing & fixing in position best Indian	30.15							
	make (to be approval of the Engineer-in-charge)								
	vitreous Chinware white flat back or								
	angular lipped front urinal size 440 x 315 x								
	265 mm C.P. brass flexible tube connection								
	450 mm long		1.00	2293.00	no	2293.00			2293.00
41	Providing and fixing jet spray with 2'-6" long	30.8							
	PVC pipe.	(a)							
	With C.P. Brass nut	no.	1.00	444.50	no.	444.50			444.50
42	Providing and fixing in position best Indian	30.37							
	make white ordinary lavatory suites	(ii)							
	consisting of C.P. brass waste 32mm dia,								
	pair of angle iron bracket with one C.P.								
	brass tap complete.								
	(ii) Size 550 mm x 400 mm	no.	1.00	2900.50	no.	2900.50			2900.50
43	Providing & Fixing in postion 15 mm i/d bib	30.65(a)							
	cock of best quality (as approved by the								
	Engineer-in-charge).								

	(B) C.P. brass Bib cock	no.	2	819.0	no.	1638.00			1638.00
44	CONCEALED IN WALL:Providing & fixing CPVC (Chlorinate Polyvinyl Chloride) FlowGuard CTS SDR 11 pipes conforming to IS 15778 , for Hot & Cold Water Supply including jointing of all FlowGuard Plain & brass threaded fittings with FlowGuard Solvent Cement , testing of joints, also cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. (Chases rates as per CSR item No 30.85 to be added)	28.19							
	c 25mm	Rmt	15.00	300.00		4500.00			4500.00
45	Internal - Exposed ON WALL:Providing & fixing CPVC (Chlorinate Polyvinyl Chloride) FlowGuard CTS SDR 11 pipes conforming to IS 15778-, for Hot & Cold Water Supply including jointing of all FlowGuard Plain & brass threaded fittings with FlowGuard Solvent Cement , testing of joints, also cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.	28.20e							
	e 40mm	Rmt	10.00	407.50		4075.00			4075.00
46	Providing and fixing in position SWR UPVC soil waste vent or antisiphonage pipes as per IS -13592 including cutting, jointing, wastage, but excluding cost of lead jointing	30.74							
	(b) 110mm i/d SWR UPVC pipe lines laid complete								
		Rmt	12.00	262.50		3150.00			3150.00
47	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture of approved make in all colours, shades except burgundy, bottle green, black of size 310 x 450 mm as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:4 (1 cement: 4 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	14.143							
			14.96	706.64	sqm	10571.33	33	3488.54	14059.87

48	Anti-skid floor tiles 10mm thick in flooring	14.71							
	skirting and dado in 12.5mm thick cement								
	plaster 1:3 in base and jointed with white								
	cement slurry in joints including corners								
	angles and beading.		3.56	722.07	sqm	2570.57	35	899.70	3470.27
49	RECESSED PVC CONDUIT PIPE WIRING SYSTEM WITH MODULAR SWITCHES: Wiring in PVC insulated copper conductor single core FRLS cable (ISI marked), 1100volts grade to be laid in heavy gauge, uPVC, fire retardant conduit pipe 20mm/25mm dia. (2mm thick) ISI Marked, recessed in wall etc., complete with powder coated/anodized concealed metal boxes required for suitable number of modules, for having electronic fan regulators, bell push, electronic buzzer, 3pin 6Amp., 3pin 16/20Amp. Sockets and 6Amp./16/20Amp. Switches (Screw Type Modular Accessories) etc., and covered with Frame Plate etc., & including the cost of required number of modular switches/sockets, step type electronic fan regulator 100watts, PVC connector (For Fan Box and Electronic Buzzer), Steel Hooks, Circular Inspection Box (Recessed Type and Deep Type) uPVC conduit pipe & copper wire and other petty material etc. including the cost of cutting and filling up of chases:-								
		33.02 b							
		i	25.00	790.55		19763.75		0.00	19763.75
50	Wiring light point in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100volts grade.	33.02 (ii)	44.00	471.85		20761.40		0.00	20761.40
51	Wiring 3 pin 6 Amp. wall socket (Shuttered) point in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100volts grade complete with bonding to existing earth with PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1 sq. mm, 1100volts grade.	33.02 iv	10.00	378.66		3786.60		0.00	3786.60

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52	SHEET METAL DOUBLE DOOR DISTRIBUTION BOARD FOR MCB/ RCBO/ RCCB's: Supply and erection of sheet metal double door distribution boards of suitable size and of required no. of ways for mounting miniature circuit breakers/ RCBO's/ RCCB's in the existing MCB distribution board as per PWD General Specifications 2010 including connections with suitable size of thimbles and bonding to existing earth etc. Sheet metal double door S.P. & N. distribution board (dust protected) provided with bus bar, neutral link and din bar, suitable for incorporating MCB's/ RCBO/ RCCB's, 4 way each	33.17 (i)	10.00	890.99		8909.90	0.00	8909.90
53	PVC insulated copper conductor single core FRLS cable (ISI marked) overall 4 sq.mm, 1100volts grade	33.09 iv	213.00	28.54		6079.02	0.00	6079.02
54	Supply & erection of PVC pipes & HDPE pipes (fire retardant) for wiring purposes including bends, inspection boxes etc., where necessary including other petty material as per PWD General Specifications 2010:- Heavy gauge PVC conduit pipe 25mm dia. (ISI marked 2mm thick) Flushed	33.12 (vii)	100.00	38.95		3895.00	0.00	3895.00
55	Extra carriage of material	5.2(i)					0.00	
	Fine sand, Core Sand & Cresher 110Km PATHANKOT	cum	420.93	462.31	cum	194600.15	0.00	194600.15
56	Boundary Wall	LS	300.00	1200.00				360000.00
57	Transform Foundation	LS						200000.00
								6163857.91
						contingency 10%		616385.79
							al Am ou	6780243.70

Done at

Per minute per E.O.T. Crane to material etc. & transportation

REN ii

(Signature)  
11/7/12

(Signature)  
11/7/12