

MUNICIPAL CORPORATION OF BHILAI

N.I.T.

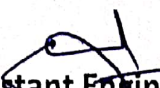
वार्ड क्र. 40 छावनी शंकावरी मंच के समीप सार्वजनिक शौचालय निर्माण कार्य।

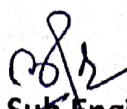
S.No	Item Code	Particular	No	L	B	H/d	QTY	UNIT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.						
	1.1.1	In all types of soils.						
			4	1.20	1.20	1.20	6.91	
			1	6.00	0.20	0.20	0.24	
							7.15	cum
2	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.						
	3.1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).						
			4	1.20	1.20	0.10	0.58	
			1	2.00	3.00	0.10	0.60	
							1.18	cum
3	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. (Note :Excess/ less cement used as per design mix is payable/ recoverable separately).						
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).						
		column	4	1.20	1.20	0.10	0.58	
			4	0.60		0.40	0.96	
			1	6.00	0.20	0.20	0.24	
		Ground Beam	1	2.60	2.60	0.10	0.68	
		Slab	4	0.20	0.20	2.70	0.43	
		Column	4	0.20	0.20	0.80	0.13	
							3.01	cum
4	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending etc. complete as per drawing including cost of binding wire. All complete.						
	3.12.1	Thermo-Mechanically treated bars FE 415						
				3.01	80.00		240.96	kg
5	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:						
	2.1.1	Foundations, footings, base of columns and plinth beam in any shape and size.						
			4	4.00	0.20	1.45	4.64	
			2	6.00	0.30		3.60	
							8.24	sqm
	2.1.5	Columns, Pillars, Piers and likes- rectangular or square in shape						
			4	0.80	2.80		8.96	sqm
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)						

			2	6.00	0.20		2.40	
			1	2.60	2.60		6.76	
6	7.5	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to S:12894-2002 of class designation 4.0 in foundation and plinth in:					9.16	sqm
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)						
			1	6.00	0.20	0.50	0.60	
7	7.6	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand) Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					0.60	cum
			1	6.00	0.20	2.80	3.36	
			-1	0.75	0.20	2.10	-0.32	
8	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.					3.05	cum
			1	6.50	9.00	0.30	17.55	
			1	2.00	2.00	0.60	2.40	
10	9.13	Providing and fixing steel door with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer..					19.95	cum
		as per 20kg/sqm	1	0.75	2.10	20.00	31.50	
12	11.1	Providing and making 6mm thick cement plaster of mix:					31.50	kg
	11.1.2	In Cement Mortar 1:4 (1 cement : 4 fine sand)						
			1	2.00	2.00		4.00	
							4.00	sqm
13	11.2	12mm thick cement plaster of mix:						
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)						
			1	8.00	2.90		23.20	sqm
14	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:						
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)						
			2	2.40	3.00		14.40	
			2	2.40	3.00		14.40	
							28.80	sqm
15	12.3	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.						
	12.3.2	50 mm thick						
			1	2.00	3.00		6.00	
							6.00	sqm

17	14.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit door, indows, floor and surface as required with all tools tackles and labour complete for the work.						
			1	2.00	3.00		6.00	
			1	10.00	3.00		30.00	
							36.00	sqm
18	14.64	Providing and applying Premium plastic emulsion paint with roller application minimum three coats applied @ 0.75 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -1 Class D & C (Glossy and Semi Glossy Finish)cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(with 3 year Warranty)						
			1	12.00	2.90		34.80	sqm


Executive Engineer
 Municipapal Corporation
 Bhilai


Assistant Engineer
 Municipal Corporation
 Bhilai


Sub Engineer
 Municipal Corporation
 Bhilai