


MUNICIPAL CORPORATION BHILAI
NIT


वार्ड क्रमांक 33 गणेश पंडाल के पास सार्वजनिक छत्तयुक्त मंच निर्माण कार्य।


Based on PWD/SOR 1-01-2015 (building works) Electrification Work 1.6.2020

Item No.	Particulars of item	Qty.	Unit
1	2	7	9
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. In all types of soils.	22.77	m ³
2	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. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	4.82	m ³
3	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.	27.50	m ³
4	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	6.70	m ³
5	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	7.75	m ³
6	Providing & placing in position cold twisted and hot rolled deformed steel reinforcement for RCC work I/c cutting, bending etc. complete as per drawing I/c cost of binding wire and I/c all wastage	1156.03	kg
7	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) SOR Item No 7.5.4	1.20	m ³
8	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) SOR Item No 7.5.4	11.03	m ³
9	Providing & fixing of form work I/c centering, shuttering, strutting, staging, Proping bracing etc. complete & removal upto 4 m height	20.16	sqm
10	Columns, Pillars, Piers and likes- rectangular or square in shape	19.20	m ²
11	Beams, lintels, cantilevers & walls	31.80	m ²
12	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	27.00	m ²
13	Weather shade, chhajja, Cornices and mouldings	2.70	m ²
14	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	27.00	m ²

Item No.	Particulars of item	Qty.	Unit
1	2	7	9
15	Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)	84.50	m ²
16	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:In Cement Mortar 1:6 (1 cement : 6 fine sand)	76.24	m ²
17	Painting exterior surface with smooth exterior emulsion paint manufactured with the cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete As Per Plaster	231.41	Sqm
18	providing and applying 2mm thick ready mix exterior grage putty (manufactured with cow dung processing) on walls to make the surface smooth and even	187.24	sqm
19	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint. SOR Item No 14.22.1	17.31	m ²
20	Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and conforming to IS: 15622 of approved make, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.	27.00	Sqm
21	Providing and fixing steel door/ window 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. SOR Item No .9.13	80.00	kg
22	Providing and fixing M.S. grill of approved pattern made of M.S. flats square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer. SOR Item No 9.15	50.00	KG
23	Add Extra For Electrical SOR 1.6.20	50.00	


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