



# MUNICIPAL CORPORATION BHILAI NIT

कार्य का नाम :- वार्ड 30 प्रगतिनगर केम्प 01 राजजानकी मंदिर के पास सार्वजनिक सियान सदन 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.		
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).	30.36	m <sup>3</sup>
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.	8.10	m <sup>3</sup>
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).	45.18	m <sup>3</sup>
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).	10.40	m <sup>3</sup>
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:Thermo-Mechanically treated bars FE 415	12.43	m <sup>3</sup>
	Taking 80 kg per cum	2283.17	kg
7	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.		
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)	1.40	Sqm
9	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 7.5.4Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: SOR Item No 7.6	1.68	m <sup>3</sup>
10	Providing & fixing of form work I/c centering ,shuttering ,strutting, staging ,Proping bracing etc. complete & removal upto 4 m height	16.11	m <sup>3</sup>
11	Columns, Pillars, Piers and likes- rectangular or square in shape	24.48	sqm
		25.60	m <sup>2</sup>

Item No.	Particulars of item	Qty	Unit
1			
12	Beams, lintels, cantilevers & walls	7	9
13	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	43.00	m <sup>2</sup>
14	Weather shade, chhajja, Cornices and mouldings	56.25	m <sup>2</sup>
15	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine	3.15	m <sup>2</sup>
16	Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine	49.00	m <sup>2</sup>
17	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)	112.00	m <sup>2</sup>
18	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.	104.24	m <sup>2</sup>
19	providing and applying 2mm thick ready mix exterior grage putty (manufactured with cow dung processing ) on walls to make the surface smooth and even	231.41	Sqm
20	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel	265.24	sqm
21	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.	17.31	m <sup>2</sup>
22	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	49.00	Sqm
		94.50	kg

सहायक अभियन्ता  
नगर पालिक निगम, मिलाई

उप अभियन्ता  
नगर पालिक निगम, मिलाई