

# MUNICIPAL CORPORATION BHILAI NIT

वार्ड 37 संत रविदास नगर कैम्प 02 में गुरुद्वारा के पास सार्वजनिक सामुदायिक भवन निर्माण कार्य।

Based on PWD/SOR 1-01-2015 (building works) Gobar Paint 23.12.2022

Item No.	Particulars of item	Qty.	Unit
1	2	3	4
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.	30.36	m <sup>3</sup>
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).	8.10	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.	14.70	m <sup>3</sup>
4	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.	21.78	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).	9.30	m <sup>3</sup>
6	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).	16.00	m <sup>3</sup>
7	Providing & placing in position cold twisted and hot rolled deformed steel reinforcement for RCC work l/c cutting, bending etc. complete as per drawing l/c cost of binding wire and l/c all wastage	1897.42	kg
8	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.	1.40	m <sup>3</sup>
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 7.5.4	1.68	m <sup>3</sup>
10	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	31.79	m <sup>3</sup>
11	Providing & fixing of form work l/c centering, shuttering, strutting, staging, Proping bracing etc. complete & removal upto 4 m height	28.32	sqm
12	Columns, Pillars, Piers and likes- rectangular or square in shape	76.80	m <sup>2</sup>
13	Extra for additional height every 1m or part thereof where height of staging for form work exceeds 4.0 metre with adequate bracing, propping etc at all levels, for suspended floor, roof, landing, beam and balcony. (only plan area is to be measured):	38.40	m <sup>2</sup>
14	Beams, lintels, cantilevers & walls	59.80	m <sup>2</sup>
15	Extra for additional height every 1m or part thereof where height of staging for form work exceeds 4.0 metre with adequate bracing, propping etc at all levels, for suspended floor, roof, landing, beam and balcony. (only plan area is to be measured):	48.60	m <sup>2</sup>
16	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	56.25	m <sup>2</sup>

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17	Extra for additional height every 1m or part thereof where height of staging for form work exceeds 4.0 metre with adequate bracing, propping etc at all levels, for suspended floor, roof, landing, beam and balcony. (only planarea is to be measured):	56.25	m <sup>2</sup>
18	Weather shade, chhajja, Cornices and mouldings	3.15	m <sup>2</sup>
19	Providing and making 6mm thick cement plaster of mix:In Cement mortar 1:4 (1 cement : 4 fine sand)	49.00	m <sup>2</sup>
20	Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)	112.00	m <sup>2</sup>
21	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:	104.24	m <sup>2</sup>
22	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	231.41	Sqm
23	providing and applying 2mm thick ready mix exterior grage putty (manufactured with cow dung processing ) on walls to make the surface smooth and even	150.00	sqm
24	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 <sup>2</sup>
25	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.	5.25	Sqm

कार्यपालन अभियन्ता  
नगर पालिक निगम, भिलाई

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