

# MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड क्र. 31 दुर्गा मंदिर के सामने मंच निर्माण कार्य।


(As Per PWD Building SOR 01.01.2015 & Electrifiical SOR 01.06.2020)

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Demolishing stone rubble masonry including arches, stacking of serviceable material and disposal of unserviceable material within 50 Metres lead.	2.40	Cum
2	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.	25.61	Cum
3	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).	3.03	Cum
4	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.	23.64	Cum
5	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 all complete:Thermo-Mechanically treated bars	1890.76	Kg
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 all complete:Thermo-Mechanically treated bars	3130.10	Kg
A	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	21.66	Sqm
B	Columns, Pillars, Piers and likes- rectangular or square in shape	23.10	Sqm
C	Beams, lintels, cantilevers & walls	8.84	Sqm
D	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	58.26	Sqm
7	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.	21.23	Cum
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)	2.65	Cum
9	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	0.22	Cum
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) Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	3.83	Sqm
11	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	44.88	Sqm
12	Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	19.14	Sqm
13	Providing and making 15mm thick cement plaster of mix: In Cement mortar 1:5 (1 cement : 5 fine sand)	19.14	Sqm

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
14	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. 50 mm thick	38.38	Sqm
15	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.	43.29	Sqm
16	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete	20.16	Sqm
17	Providing and fixing M.S. grill of approved pattern made of M.S. flats or 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.	200.00	Kg
18	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	4.20	Sqm
19	Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	19.14	Sqm
20	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. On new work (two or more coats)	44.88	Sqm
21	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	25.00	Sqm
	<b>Add For Extra Electrification, Water supply &amp; Sanitation Work</b>	<b>36374.40</b>	<b>L-S</b>

  
**Executive Engineer**  
Municipal Corporation  
Bhilai

**Assistant Engineer**  
Municipal Corporation  
Bhilai

  
**Sub-Engineer**  
Municipal Corporation  
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