

MUNICIPAL CORPORATION OF BHILAI

M/T

वार्ड क्र. 51 शहीद वीर नारायण सिंह नगर में स्थित शाखा मैदान में डोम शेड निर्माण कार्य।

(As Per PWD Building SDR 01.01.2015)

S.N.	PARTICULARS OF ITEMS	Quantity	UNIT
1	Driving, providing and bundling cast in situ single under reamed piles of specified diameter and length below pile cap to bearing capacity 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20mm nominal size) required for boring pile to vertical line etc. all complete (Length of pile for payment shall be measured upto to the bottom of pile cap)	17.40	Metre
2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer to all works upto plinth level excluding cost of form work. 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20mm nominal size).	1.99	Cum
3	Structural steel work required to bolted or welded in built-up sections, trusses and frames work upto a height of 6m above plinth level including cutting, bolting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	14644.44	Kg
4	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, welding etc. complete as per drawings including cost of binding wire all complete. Thermo-Mechanically treated bars.	447.52	Kg
5	Supply and fixing of precast galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT). Zinc coating 120gsm m ² per IS-277 in 240gsm steel grade, 5-7 ... upto any pitch in horizontal vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	387.10	Sqm
6	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for		
7(A)	Foundations, footings, bases of columns, plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	18.17	Sqm
8	Brick work with modular fly-ash lime bricks (FALG) bricks conforming to IS 12394-2002 of class designation 4.0 in foundation and plinth in Common Mortar 1:3 (1 cement : 3 coarse sand)	9.95	Cum
9	Providing and making 12mm thick cement plaster of mix. In Cement mortar 1:4 (1 cement : 4 fine sand)	66.68	Sqm
10	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 @ 1.45 kg/10 sqm over and including priming coat of exterior prime applied @ 2.20 kg/10 sqm)	66.68	Sqm
11	Painting on new work (two or more coats) to give an even shade with Aluminum paint	301.94	Sqm
12	Providing and filling in plinth with sand. Crusher dust and hard granular under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	47.40	Cum
13	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqm) and shape pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, tamping and sweeping etc. complete at minimum compressive strength of 250 kg/cm ² . Plain normal coloured precast interlock concrete block.	474.00	Sqm
14	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer to all works upto plinth level excluding cost of form work. 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20mm nominal size).	1.90	Cum

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
14	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. Size upto 200x300mm	9.48	Sqm
15	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.	18.96	Sqm


Executive Engineer
 Municipal Corporation
 Bhilai


Assistant Engineer
 Municipal Corporation
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Sub Engineer
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