

MUNICIPAL CORPORATION OF BHILAI

NIT

क्र. 50 शास्त्री नगर खुर्सीपार केनाल रोड़ के किनारे स्थित सदगुरु कबीर वाटिका के पास
सार्वजनिक सामुदायिक भवन निर्माण कार्य।

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

	PARTICULERS OF ITEMS	Quantity	UOM
	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.	34.88	Cum
1	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).	7.34	Cum
3	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).	21.51	Cum
4	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	2151.00	Kg
5	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
(A)	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	31.92	Sqm
(B)	Columns, Pillars, Piers and likes- rectangular or square in shape	34.50	Sqm
(C)	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	45.36	Sqm
(D)	Beams, lintels, cantilevers & walls	26.28	Sqm
6	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.	40.33	Cum
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 + Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	14.55	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)	1.10	Cum
9	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	52.08	Sqm
10	Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	80.52	Sqm
11	Providing and making 15mm thick cement plaster of mix: In Cement mortar 1:5 (1 cement : 5 fine sand)	81.72	Sqm
12	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges. 35 mm. thick (single leaf)	2.10	Sqm
13	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges. 25 mm. thick (double leaf for cupboard shutters with piano type hinges)	4.32	Sqm

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position doors, windows and ventilators frames made from commercial M.S. Sheets conforming to I.S. 513 of 1973 and as per IS 4351 including hinges jamb, lock jamb, steel butt hinges, base tie, joints with 10cm long legs of size 15x3mm M.S. flat, embedded in cement concrete blocks of size of grade M-10 or rawl plugs and screws or with fixing clips or with bolts including neatly compacted filling M-10 cement concrete in profile section applying a priming of oxide zinc chromate primer. Single rebate/ mullion 80mmx50mm size, 1.6mm thick sheet

g and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to frame of windows etc. including applying a priming coat welded to frame with all necessary fitting including applying a priming of red oxide zinc chromate primer.

ng 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 etc. complete.

ding and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, and 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.

300x300mm
viding & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) in any shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled with fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm

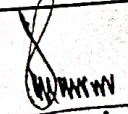
ain/ normal coloured precast interlock concrete block
ainting exterior surface with SMOOTH exterior emulsion paint manufactured with the cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with :

On new work (two or more coats applied @ 1.43 ltr/ 10 sqm)
Distemping with washable distemper manufactured with the cow dung processing to give an even shade.


On New work (Two or more coats)
Painting on new work (two or more coats) to give an even shade with:
Satin synthetic enamel paint

Add 10% For Electrification, Sanitary & Water supply Work (As Per SOR)

18.80	Metre
176.40	Kg
42.16	Sqm
1.80	Sqm
30.40	Sqm
81.72	Sqm
132.60	Sqm
5.88	Sqm
45406.00	L-S


Executive Engineer
Municipal Corporation
Bhilai

Assistant Engineer
Municipal Corporation
Bhilai


Sub Engineer
Municipal Corporation
Bhilai