

MUNICIPAL CORPORATION OF BHILAI

NIT

कार्य का नाम- सड़क नं. 01 प्लॉट नं. 05 सेक्टर 08 बुद्ध विहार के पास सार्वजनिक सुविधायुक्त शौचालय/प्रसाधन निर्माण कार्य।

As Per PWD Building SOR 01.01.201

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
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.	22.87	Cum
2	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	2.08	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).	2.08	Cum
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).	3.04	sqm
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). Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and	3.3	sqm
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	506.72	Kg
7	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level	20.21	Cum
8	Columns, Pillars, Piers and likes- rectangular or square in shape	16.8	sqm
9	Beams, lintels, cantilevers & walls	7	sqm
10	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	22.84	sqm
11	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	0.18	cum
12	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	2.25	sqm
13	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming 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	9.45	sqm
14	Providing and making 12 mm thick cement plaster of mix: In Cement mortar 1:6 (1 cement : 6 fine sand)	47.32	sqm
15	Providing and making 15mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	36	sqm
16	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	18	sqm
17	Painting exterior surface with 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)	101.32	sqm
18	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	4	sqm

19	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. VENTILATION	9	kg
20	DOOR	151.2	kg
21	Painting on new work (two or more coats) to give an even shade with Satin synthetic enamel paint	4.80	sqm
22	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15022 of approved 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	15.00	sqm
23	Providing and fixing ceramic glazed wall tiles conforming to IS : 15022 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	73.50	sqm
24	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required White Orissa pattern W.C. pan of size 580x440 mm	2.00	nos
25	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	2000.00	ltre
	15% FOR ELECTRICITY AND WATER SUPPLY		


 Asstt. Engineer
 Municipal Corporation
 Bhilai(C.G.)


 Sub Engineer
 Municipal Corporation
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