

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड क्र. 46 शास. पूर्व माध्यमिक शाला, दुर्गा मंदिर, खुरसीपार का जीर्णोद्धार कार्य।

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

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
1	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)	10.24	Sqm
2	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	211.98	Sqm
3	Providing and applying 2mm thick ready mix exterior grade putty (Manufactured with cow dung processing) on walls to make the surface smooth and even.	472.00	Sqm
4	Wall painting with premium emulsion (plastic) Manufactured with the cow dung processing emulsion paint of required shade to give an even shade. On old work (one or more coats)	472.00	Sqm
5	Painting exterior surface with SMOOTH exterior emulsion paint manufactured with th cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with : On old work (One or more coats applied @ 0.83 ltr/ 10 sqm)	448.00	Sqm
6	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.	15.00	Sqm
7	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	65.68	Sqm
8	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. 110 mm dia pipe.	15.00	Mtr.
9	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. 40 mm thick	95.00	Sqm
10	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.	214.80	Kg
11	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)	141.76	Sqm
12	Distemping with washable distemper manufactured with the cow dung processing to give an even shade. On new work (Two or more coats)	894.84	Sqm
13	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.	24.78	Cum
14	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).	2.14	Cum
15	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).	5.63	Cum
16	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	450.08	Kg

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17	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:	9.08	Cum
18	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.	8.64	Sqm
19	Columns, Pillars, Piers and likes- rectangular or square in shape	14.40	Sqm
20	Beams, lintels, cantilevers & walls	12.80	Sqm
21	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	23.56	Sqm
22	Neat cement punning	16.00	Sqm
23	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	30.00	Kg
24	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.	12.00	Sqm
25	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.	9.84	Sqm
26	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.	0.72	Cum
27	Providing and making 12mm thick cement plaster of mix : in C.M.-1:5 + Neat Cement punning.	24.44	Sqm
28	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement mortar 1:6 (1 cement : 6 fine sand)	11.34	Sqm
29	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion. Vent covel 75mm.	1.00	Sqm
30	Add Extra For Electrification & Sanitation Work (As Per SOR)	20484.00	LS


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Sub Engineer
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