

MUNICIPAL CORPORATION BHILAI (C.G.)

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Name of work - Repair work at ward 68 sector 09 MIDDLE SCHOOL

As per Building SOR 01.01.2015

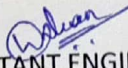
S.No	DETAILS OF ITEMS	Qty	Unit
1	Dismantling lime/ cement plaster or skirting at any height raking out joints and cleaning the surface for plaster including disposal of rubbish within 50 metres lead.	40.00	Sqm.
2	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.	3.60	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. 3.1.5 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	0.50	Cum.
4	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	9.6	Cum.
5	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.	29.40	Cum.
5	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.	17.35	Cum.
6	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).	4.10	Cum.
7	Providing and fixing form work including, shuttering, steutting propping bracing etc. including its removal at all level for,; foundation, footings, bases of coulum plainth beam wall in shape and size and all type of well below level.	19.20	Sqm.
8	Providing and fixing form work including, shuttering, steutting propping bracing etc. including its removal at all level for,; Beam ,linels, cantilevers & walls	36.00	Sqm.


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9	Providing and fixing form work including, shuttering, steutting propping bracing etc. including its removal at all level for, : Suspaded floors, roofs, access platform, balconice, and shelves(cat in situ)	20.00	Sqm.
10	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.	4.06	Cum.
11	Providing and placing in position reinforcement forRCC work including straightening, cutting bending, binding etc. complete as per drawings including cost of binding wire all complete: Thermo- mechanically treated bars	250.00	Kg.
12	Brick work with modular fly ash lime bricks conforming to IS 12894-2002 of class designation 4.0 in foundation aand plainth in Cement Mortar 1:6 (1 cement :6Coarse sand)	5.48	Cum.
13	12mm thick cement plaster of mix In cement mortar 1:5 (1 cement : 5 fine sand)Inner wall	20.00	Sqm
14	15mm thick cement plaster of mix In cement mortar 1:5 (1 cement : 5 fine sand)Outer wall	20.00	Sqm
15	25mm thick cement concrete flooring with 1:2:4 cement concrete (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) finished with floating cost of neat cement.	60.00	Sqm
16	Providing and fixing steel door/ window with M.S sheet 1mm frame of angle iron, diagonal pattern made of or suitable size. 3.00mm M.S. gusste plates at juncton and cornets all necessaery fitting complete including applying a priming coat of red oxide primer window door	474.75	Kg.
17	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.	36.00	Sqm.
18	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	285.00	Sqm.
19	On old work (One or more coats applied @ 0.83 ltr/ 10 sqm)	680.00	Sqm.
20	Painting on new work (two or more coats) to give an even shade with:Satin synthetic enamel paint	250.00	Sqm.
21	Painting on old work (one or more coats) to give an even shade with:Satin synthetic enamel paint	500.00	Sqm.

22	Supply and fixing of pre-coated 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 as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete 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.	28.00	Sqm.
23	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	300.00	Kg.
24	Structural steel work riveted or bolted or welded in built-up sections, trusses and frames work upto a height of 5m above plinth level, including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	100.00	Kg.
25	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15622 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. 12.10.1 Size 300x300mm	15.00	Sqm.
26	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. 12.7.1 Size upto 200x300mm	15.00	Sqm.

EXECUTIVE ENGINEER
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ASSISTANT ENGINEER
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