

**MUNICIPAL CORPORATION BHILAI (C.G.)**

**NIT**

**Name of work :-** वार्ड कं. 59 सेक्टर 5 पूर्व कास स्ट्रीट 4 सड़क-8,17 एवं 9-10 के मध्य मंच का संधारण कार्य।

As per Building SOR 01.01.2015

S.N o.	Description and details of work	Qty.	unit
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	10.0	Cum
2	providing and making 12mm thick cement plaster of mix:n Cement Mortar 1:6 (1 cement : 6 fine sand)	18.00	sqm
3	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. 14.11.1 On new work (two or more coats)	40.00	sqm
4	Supply and fixing of precoated 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 guardfilm 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.	225.00	sqm
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.	30.0	Cum
6	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	1700.0	kg
7	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) 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, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm	15.00	sqm
8	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. On old work (one or more coats)	100.00	sqm

9	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 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	10.0	Cum
10	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	150.00	sqm
11	Painting on old work (one or more coats) to give an even shade with: Satin synthetic enamel paint	50.00	sqm
12	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.	30.00	sqm
13	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete 14.1.1 Upto 2 mm thickness to make surface even and smooth in line and level.	30.00	sqm

*Alhan*

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

**Sub Engineer  
Municipal Corporation  
Bhilai (C.G.)**