

MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

Name of work :- सेक्टर 07 भिलाई स्थित सड़क 33 पानी टंकी के पास मंच निर्माण कार्य।

As per Building SOR 01.01.2015

S.No.	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	8.0	Cum
2	providing and making 12mm thick cement plaster of mix:n Cement Mortar 1:6 (1 cement : 6 fine sand)	20.00	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)	55.00	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. 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.	80.00	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.	500.0	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	30.00	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)	50.00	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).	5.0	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	70.00	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.	20.00	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

11	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.	120	sqm
12	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.	5	Cum
13	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	300	KG
14	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:	300	KG
15	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for	20	sqm
16	Premium synthetic enamel paint	70	sqm


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


Sub Engineer
Municipal Corporation
Bhilai (C.G.)