

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

**NIT**

**Name of work :-** वार्ड क्र. 51 सेक्टर 04 सड़क 16 एवं 17 के मध्य डोम शेड निर्माण कार्य।

S.No.	Description and details of work	As per Building SOR 01.01.2015	
		Qty.	unit
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. In all types of soils	16.30	Cum
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level I excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	8.204	Cum
3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of form work 1:11/2:3 (1 cement : 11/2 coarse sand : 3 graded stone aggregate 20 mm nominal size). Footing, column	18.88	Cum
4	Providing and placing in position reinforcement for RCC work including straightening cutting, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete Thermo-Mechanically treated bars FE 500D	1888.4	Kg
5	Providing and fixing form work in 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.	23.2	sqm
6	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	5.90	Cum
7	9). Providing and making 15mm thick cement plaster on the rough side of single or half brick wall mix 15 mm plaster in Cement Mortar 1:6 (1 cement: 6 fine sand	28.00	sqm
8	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 14.15.1 On new work (Two or more coats applied @ 1.43 itr/10sqm pver and including priming coat of exterior primer applied @ 2.20kg/10sqm)	28.00	sqm
9	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 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.	105.00	sqm
10	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.	98.7	Cum
11	Structural steel work in single section including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	1000.0	kg

12	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	81.60	sqm
13	Supply, erection, jointing, testing & commissioning of "C" Class MS pipes (as per IS: 1239) including necessary specials such as tees, bends, flanges reducers etc., complete on wall/ ceiling. The pipes to be erected on wall or suspended from beams, RCC roof slabs with suitable size MS bars/ angle irons including painting of metal part except pipe line.	36.00	m

  
 EXECUTIVE ENGINEER  
 MUNICIPAL CORPORATION  
 BHILAI

  
 ASSISTANT ENGINEER  
 MUNICIPAL CORPORATION  
 BHILAI

  
 SUB ENGINEER  
 MUNICIPAL CORPORATION  
 BHILAI