

MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

कार्य का नाम :- जोन-01 अंतर्गत वार्ड-03 मॉडल टाउन में सांस्कृतिक मंच एवं संलग्न कक्ष निर्माण कार्य।

Pwd Building & Road 01.01.2015, Electric Sor 01.06.2020

S.No.	Description and details of work	Qty.	Unit
1	Demolishing stone rubble masonry including arches, stacking of serviceable material and disposal of unserviceable material within 50 Metres lead. In cement mortar	2.40	Cum
2	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 soil	57.71	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. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	10.49	Cum
4	Providing and laying mech. Mixed reinforced cement concrete e/x centering, shuttering and reinforcement in foundation, plinth and in superstructure up to a height of 4.0m. above plinth level. 1:1/1.5:3	24.57	Cum
5	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	3452.25	Kg
6	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:	61.16	Sqm
	(A) Foundations, footings, base of columns and plinth beam in any shape and size.	42.78	Sqm
	(B) Columns, Pillars, Piers and likes- rectangular or square in shape	60.04	Sqm
	(C) Beams, lintels, cantilevers & walls	127.34	Sqm
7	(D) Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	78.83	Cum
	Providing and filling in plinth with sand/Crusher dust and hard moorum under floor, including ----- cost of all labour, materials, T & P etc. complete required for the work.	78.83	Cum
8	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in :Cement Mortar 1:6	7.45	Cum
9	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.	0.41	Cum
10	Brick work with modular well burnt (open bhatta) clay bricks of crushing strength not less than 20 kg/sqcm and water absorption not more than 25% in foundation and plinth in: Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	18.50	Cum
11	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	101.72	Sqm
12	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)	19.14	Sqm
13	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	93.42	Sqm
14	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)	19.14	Sqm

S.No.	Description and details of work	Qty.	Unit
15	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)	124.64	Sqm
16	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. 50 mm thick	38.38	Sqm
17	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. Size 300x300mm	43.29	Sqm
18	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. Size upto 200x300mm	20.16	Sqm
19	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 priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	19.14	Sqm
20	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. On new work (two or more coats)	195.14	Sqm
21	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	14.56	Cum
22	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: On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	124.64	Sqm
23	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.	56.84	Sqm
24	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), 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.	56.84	Sqm
25	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.	180.00	Kg
26	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	11.20	Sqm
27	Add Extra 5.00% For Electrification & Saanitory	35325.00	Rs

Executive Engineer
Municipal Corporation
Bhilai (C.G)

Asstt. Engineer
Municipal Corporation
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Sub. Engineer
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