

MUNICIPAL CORPORATION BHILAI (C.G.)


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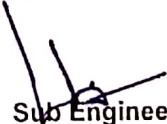
Name of work :- सेक्टर 07 यादव समाज भवन समाज भवन के समीप अतिरिक्त कक्ष निर्माण कार्य।

As per Building SOR 01.01.2015/elec sor 2020

S.No.	Description and details of work	Qty.	Unit
1	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: lintel beam slab beam slab chajja Column	21.78	cum
2	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: Thermo-Mechanically treated bars FE 500D	2613.72	kg
3	providing and fixing form work 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.	54.5	sqm
4	Columns, Pillars, Piers and likes- rectangular or square in shape	46.20	sqm
5	Beams, lintels, cantilevers & walls	176.00	sqm
6	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) chajja slab	121.52	sqm
7	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	78.4	cum
8	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	119	sqm
9	Providing and making 12mm thick cement plaster of mix In Cement Mortar 1:6 (1 cement : 6 fine sand)	112	sqm
10	Providing and making 18 mm thick cement plaster with under layer of 12mm thick cement plaster 1:5 (1 cement : 5 fine sand) finished with a top layer of 6mm thick cement plaster 1:3 (1 cement : 3 fine sand).	56	sqm
11	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 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	56	sqm
12	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.	64	sqm
13	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. Size 600x600mm	70	sqm
14	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.		
15	window	80.00	kg
16	door	180.00	kg
17	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)	231.00	sqm
18	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	30.00	sqm

19	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.	1200.00	kg
20	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete	231.00	sqm
21	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness)..... or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately:	50.0	kg
22	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness	9.72	mtr
23	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges. 40 mm. thick (single leaf)	7.20	sqm
24	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete:	4.00	each
25	Providing and fixing of bright finished brass mortise latch and lock 100x65mm with six levers and a pair of lever handles with brass polished MS screws etc. complete.	2.00	each
26	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	100.00	kg
27	Providing and fixing M.S. bright finished or black enameled sliding doorbolts with bolts, nuts and necessary iron screws: 300x16mm	6.00	each
28	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15 (Glazing to be paid for separately:	20.00	kg
29	Providing and fixing Indian teak plywood 4 mm thick in partition including fixing to frames with brass screws etc. complete with 50x12mm teak wood beadings (frames to be paid separately).	12.00	sqm
30	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 steelbolts 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.	40.00	sqm


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


 Sub Engineer
 Municipal Corporation
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