

MUNICIPAL CORPORATION OF BHILAI

NIT

बिड 23 संत रविदास नगर में चटाई क्वार्टर महावीर भवन का जीर्णोद्धार कार्य।

As Per PWD Building SOR 01.01.2015, Electrical SOr 1.06.2020 Non SOR Item

	PARTICULERS OF ITEMS	Quantity	UOM	Rate
1	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).	8.28	Cum	2659.00
2	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).	12.42	Cum	4073.00
3	Brick work with modular fly-ash lime bricks (FALG Bricks) conforming to IS:12894-2002 of class designation 40 in foundation and plinth in: (A)Cement Mortar 1:6 (1 cement : 6 coarse sand)	3.1	Cum	3263.00
4	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: Cement Mortar 1:6 + Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	7	Cum	3384.00
5	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.	94.36	Sqm	963.00
6	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	23.4	Sqm	587.00
7	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In stringers, treads, landings etc. of stair cases including use of chequered plate wherever required. all complete.	132.3	Kg	68.00
8	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.	21.6	Kg	67.50
9	Providing corrugated G.I. sheet roofing including vertical/ curved surfaces fixed with galvanized iron, 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 including painting with primer and paint on overlapping of sheets complete excluding the cost of purlins rafters and trusses. (Zinc coating not less than 272 gms/sqm) 1.00 mm thick sheet (weight 8.60 kg/m2)	92.4	Sqm	964.00
10	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete.SS Grade 204	100	kg	467.00
11	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	15.00	Sqm	254.00
12	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5	133.20	Sqm	113.00
13	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5	82.88	Sqm	96.50
14	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	3.78	Sqm	55.00
15	Distemping with acrylic washable distemper to give an even shade. On new work (Two or more coats)As per Qty. of 12mm thick cement plaster	82.88	Sqm	38.00

S.N.	PARTICULARS OF ITEMS	Quantity	UOM	Rate
16	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)As per Qty. of 15mm thick cement plaster	133.20	Sqm	74.50
17	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	0.54	Cum	4163.00
18	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	64.8	Kg	54.50
19	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, base of columns and plinth beam in any shape and size.	3.36	Sqm	139.00
20	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. 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size).	0.36	Cum	3552.00
21	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 Pigment Coloured (rubber mould) precast interlock concrete blocks	62	Sqm	632.00
22	<i>ADD Extra for Water Work, Sanitary Work Electrification Work As Per PWD Electrical SOR 01.06-2020</i>	1.00	Lum-Sum	40000.00
23	NON SOR ITEM Mural Wall Painting Work	131.30	Sq.Ft.	60.00
24	NON SOR ITEM Slogan Writing	200.00	Sq.Ft.	40.00

कार्यपालक अभियन्ता
नगर पालिक निगम, भिलाई

सहायक अभियन्ता
नगर पालिक निगम, भिलाई

उप अभियन्ता
नगर पालिक निगम, भिलाई