

MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

कार्य का नाम :- वार्ड-17 नेहरू भवन वार्ड संत शिरोमणी गुरुदास सेवा समिति के पास सामुदायिक भवन का निर्माण कार्य। (प्रथम तल)

Pwd Building Sor 01.01.2015 & Electric Sor 01.06.2020

S.No.	Description and details of work	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 soil	3.46	Cum
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. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	0.43	Cum
3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.	6.53	Cum
4	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	1.20	Cum
5	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).	2.87	Cum
6	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). 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:	11.33	Cum
7	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	1419.95	Kg
8	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:		
	(A) Foundations, footings, base of columns and plinth beam in any shape and size.	1.92	Sqm
	(B) Columns, Pillars, Piers and likes rectangular or square in shape	5.28	Sqm
	(C) Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	16.32	Sqm
9	(D) Columns, Pillars, Piers and likes- rectangular or square in shape Extra for unsupported individual columns with height more than 4.0 m from the immediate lower level in every floor.	26.40	Sqm
10	(F) Beams, lintels, cantilevers & walls	2.88	Sqm
11	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	64.40	Sqm
12	Beams, lintels, cantilevers & walls Extra for additional height every 1m or part thereof where height of staging for form work exceeds 4.0 metre with adequate bracing, propping etc at all levels, for suspended floor, roof, landing, beam and balcony. (only plan area is to be measured):	24.72	Sqm

13	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	1.44	Cum
14	super structureBrick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)	16.15	Cum
15	Providing and fixing steel door 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..	513.00	Kg
16	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.	108.00	Kg
17	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	47.45	Sqm
18	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	103.92	Sqm
19	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)	98.88	Sqm
20	Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and onforming 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.	47.45	Sqm
21	Distemping with acrylic washable distemper to give an even shade. On new work (Two or more coats)	151.37	Sqm
22	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)	98.88	Sqm
23	Painting on new work (two or more coats) to give an even shade with.Premium synthetic enamel paint (2nd top most approved branded quality) to give an even shade .	29.52	Sqm
24	Grading roof for water proofing treatment with: Cement mortar 1:4 (1cement : 4 coarse sand)	2.77	Cum
25	Applying cement slurry on R.C.C. slab or cement concrete work using 2.75 kg/ sqm for receiving cement concrete floor including roughening cleaning etc complete.	55.30	Sqm
26	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	1.00	Each
27	Add 3.50 % For Electrification	13505.00	RS

Executive Engineer
Municipal Corporation
Bhilai (C.G)

Asstt. Engineer
Municipal Corporation
Bhilai (C.G)

Sub. Engineer
Municipal Corporatio
Bhilai (C.G)

