

# MUNICIPAL CORPORATION OF BHILAI

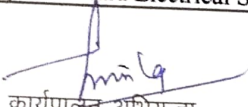
NIT


**कार्य का नाम :- वार्ड क्रमांक 37 रविदास नगर में नहर के पास सामुदायिक भवन संधारण कार्य।**


(As Per PWD Building SOR 01.01.2015 & Electrical SOR 01.06.2020,

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead.	17.60	Cum
2	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.	6.40	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. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	7.50	Cum
4	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).	7.50	Cum
5	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.	5.00	Cum
6	Brick 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)	4.00	Cum
7	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	94.60	Sqm
8	Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement : 4 fine sand)	80.00	Sqm
9	Providing and making 15mm thick cement plaster of mix: In Cement mortar 1:5 (1 cement : 5 fine sand)	144.00	Sqm
10	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	10.00	Sqm
11	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	28.00	Sqm
12	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	6.00	Sqm
13	Chequered terrazzo tiles 22 mm thick with graded marble chips of size upto 6mm in floors on 25mm thick bed of cement mortar 1:6 (1 cement : 6 coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including grinding rubbing and polishing complete. Light shade using white cement	3.00	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.	210.00	Kg
15	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	30.00	Sqm
16	providing and applying 2mm thick ready mix exterior grage putty (manufactured with cow dung processing ) on walls to make the surface smooth and even As Per Plaster	300.00	Sqm
17	Painting exterior surface with smooth exterior emulsion paint manufactured with the cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete As Per Plaster	140.00	Sqm

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
18	Distempering with washable distemper Manufactured with the cow dung processing to give an even shadeOn new work (Two or more coats)	200.00	Sqm
19	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	4.84	Sqm
20	Finishing walls with water proofing cement paint of required shade to give an even shade.On new work (Two or more coats applied @ 3.84 kg/10 sqm)	100.00	Sqm
21	ADD Extra Electrical SOR Lum-Sum as Per SOR 1-06-2020 18%	1	JOB

  
कार्यपालन अभियन्ता  
नगर पालिक निगम, भिलाई

  
सहायक अभियन्ता  
नगर पालिक निगम, भिलाई

  
उप अभियन्ता  
नगर पालिक निगम, भिलाई