

# MUNICIPAL CORPORATION OF BHILAI

NIT

कार्य का नाम :- वार्ड क्रमांक 32 बैकुंठधाम मे सार्वजनिक भवन निर्माण कार्य।


(As Per PWD Building/Road SOR 01.01.2015 & Electrical SOR 01.06.2020, )

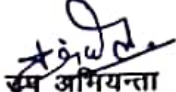
S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils.	17.96	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).	4.71	Cum
3	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).	15.735	Cum
4	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	1573.5	Kg
7	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.	19.2	Sqm
5	Columns, Pillars, Piers and likes- rectangular or square in shape	32.00	Sqm
(C)	Beams, lintels, cantilevers & walls	19.88	Sqm
(D)	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	27.04	Sqm
6	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.	18.5	Cum
7	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)	0.88	Cum
8	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) Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	9.87	Cum

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
9	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)	28.4	Sqm
10	Providing and making 12mm thick cement plaster of mix: In In Cement Mortar 1:4 (1 cement : 4 fine sand)	55.2	Sqm
11	Providing and making 15mm thick cement plaster of mix: In Cement mortar 1:5 (1 cement : 5 fine sand)	58.96	Sqm
12	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.	163.2	Kg
13	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.	88.2	Kg
14	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 :	26.01	Sqm
15	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	58.96	Sqm
16	Distempering with acrylic washable distemper to give an even shade. On new work (Two or more coats)	83.6	Sqm
17	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	10.38	Sqm
18	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	40.8	Sqm
19	Rain Water Harvesting System Providing and Constructing Soak Pit 2.5 m Diameter 3.0 Meter Deep With 45X45 Cm Dry Brick Honey Comb shaft with well burnt modular clay bricks crushing strength not less than 35kgcm <sup>2</sup> and S.W. drain pipe 100 mm diameter, 1.8m long complete as per standard design	1	NOs

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
20	ADD Extra For Electrification Work As Per SOR 1.6.2020, Sanitary & Water Supply work		

कार्यपालन अभियन्ता  
नगर पालिक निगम, मिलाई

  
सहायक अभियन्ता  
नगर पालिक निगम, मिलाई

  
अभियन्ता  
नगर पालिक निगम, मिलाई