

MUNICIPAL CORPORATION OF BHILAI

NIT

कार्य का नाम – मुख्य कार्यालय में स्टोर रूम निर्माण कार्य।

S.N.	SOR	PARTICULERS OF ITEMS	Quantity	UOM
1	1.1	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.		
	1.1.1	In all types of soils.	2.4	CUM
2	1.18	Filling from available excavated stuff (Excluding rock) in trenches, plinth,sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.	14.0	CUM
3	2.1	Providing and fixing form work including centring, shuttering,		
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.		
			30	
			37.2	
			7.2	
			74.8	SQM
4	3.1	Providing and laying nominal mix plain cement concrete with		
	3.1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	6.975	CUM
5	3.2	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.		
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).		
			2.632	CUM
6	3.12	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:		
	3.12	Thermo-Mechanically treated bars	250	KG

7	7.5	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 35 in foundation and plinth in:		
	7.5.	Cement Mortar 1:6 (1 cement : 6 coarse sand)	32	CUM
8	9.15	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. kg	100	KG
9	11.2	Providing and making 12mm thick cement plaster of mix:		
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	296	SQM
10	12.2	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 coat of neat cement.	70	SQM
11	14.1	Wall painting with acrylic premium emulsion (plastic) paint of required shade to give an even shade.		
	14.10.1	On new work (two or more coats)	450	SQM
12	10.11	Supply and fixing of pre-coated 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 steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated 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 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.	25.92	SQM


 सहायक अभियन्ता
 नगर पालिक निगम, भिलाई


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