MUNICIPAL CORPORATION OF BHILAI

DETAILED ESTIMATE

वार्ड क्र. 40 छावनी दर्री तालाब के समीप सार्वजनिक टिन शेड निर्माण कार्य।

S.N.	PARTICULERS OF ITEMS	No	L	B	H/D	Qty	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.						
		9	0.50	0.50	0.80	1.80	
					G. Total	**1.80**	**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.						
	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size).						
		9	0.50	0.50	0.80	1.80	
		1	6.00	9.00	0.10	5.40	
		1	34.00	0.15	0.15	0.77	
					G. Total	**7.97**	**Cum**
3	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)						
		1	30.00	0.20	0.20	1.20	
					G.Total	**1.20**	**Cum**
4	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)						
		2	30.00	0.30		18.00	
					G.Total	**18.00**	**sqm**
5	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer						
	Electric resistance or induction butt welded tubes Grade-250					500.00	
					G.Total	**500.00**	**kg**
6	Supply and fixing of precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT),. ..... 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.						
		1	7.00	10.00		70.00	
					G.Total	**70.00**	**sqm**
7	Providing and applying Glossy finish Enamel paint mimimum 2 coats in all surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite Premium Enamel , Dulux Promise Premium Enamel , Nerolac Synthatic Enamel. Opus Prime enamel) ..... abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackle and labour etc. complete for the work						
						20.00	
					G.Total	**20.00**	**sqm**
8	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						
		1	7.00	10.00		70.00	
					G.Total	**70.00**	**sqm**

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9	Providing and filling in plinth with sand/Crusher dust and hard moorum under floor, including ----- cost of all labour, materials, T & P etc. complete required for the work.						
		1	11.00	10.00	0.15	16.50	
					G.Total	**16.50**	**Cum**
10	Add for electrification work						
						20000.00	
					G.Total	**20000.00**	**L/S**

Executive Engineer
Municiapal Corporation
Bhilai

Assistant Engineer
Municipal Corporation
Bhilai

Sub Engineer
Municipal Corporation
Bhilai

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