


NAGAR NIGAM BHILAI

NIT

विद्यायक निधि अंतर्गत वार्ड क्र.-15 शांतिनगर जीरो रोड के पास डोम शेड निर्माण कार्य।

(AS PER PWD BUILDING/ROAD S.O.R 01.01.2015)

S.NO	PARTICULAR	QTY	UNIT
1	Excavation for all types and sizes of foundations, trenches and drains or for any other .. 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.	30.24	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).		
		2.02	Cum
3	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.		
		4.03	Cum
4	Providing and laying nominal mix reinforcement cement concrete with crushed stone .. excluding cost of reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	8.58	Cum
5	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 FE 415	728.88	Kg
6	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		
		6700.00	Kg
7	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), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 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.		
		162.00	Sqm
8	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)	11.20	Sqm
9	Painting on new work (two or more coats) to give an even shade with:		
	Aluminium paint	510.22	Sqm
10	Direction and Place Identification signs with size more than 0.9 sqm size board. (Providing and erecting direction and place identification retro- re..properly designed foundation with M15 grade cement concrete 45cm x 45cm x 60cm. 60cm below ground level as per approved drawing)	3.20	Sqm
11	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete. SS Grade 304	210.00	kg
12	15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. complete. (Area of slab should be 0.50 sqm and above) Granite stone black	1.13	sqm
13	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	0.94	Cum


ASSTT. ENGINEER

Nagar Palik Nigam, Bhilai


SUB ENGINEER

Nagar Palik Nigam, Bhilai