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NAGAR PALIK NIGAM BHILAI

NIT

वार्ड क्र.-20 वैशालीनगर जोन कार्यालय के सामने मैदान में गार्डन निर्माण कार्य।

AS PER BUILDING S.O.R 01.01.2015 & NON SOR

S.NO.	PARTICULAR	QTY	UNIT
1	Excavation of all types of soils for all types size of foundations and drains i/c Dressing and leveling of pits.		
2	Providing and laying mechanically mixed cement concrete with 40mm nominal size inplinth and foundation. 1:4:8	16.20	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).	5.40	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 FE 415	4.80	cum
5	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, base of columns and plinth beam in any shape and size.	432.00	kg
6	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)	48.00	sqm
7	12 mm Thick Cement Plaster of mix: In C.M. 1:5 (1 Cement : 5 Sand)	12.40	cum
8	Providing and placing in position angle iron and start of required size i/c bottom to be split and bent at right angle in opposite direction for required length and drilling holes up to 10 mm dia as per requirement i/c priming coat with red oxide zinc chromate primer and placing the post/strut in cement concrete block>	124.00	sqm
9	Painting on new work (two or more coats) to give an even shade with. Aluminium paint.	714.00	kg
10	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	192.00	sqm
11	Painting new exterior surface (two or more coats) with PREMIUM TEXTURED paint as ...finish including cleaning washing of surface etc. complete with:On new work (Two or more coats)	691.20	kg
12	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete. Aperture 50x50mm	300.00	sqm
13	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This included jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.		
	EXTERNAL WORK		
	25 mm nominal outer dia pipes	10.00	mtr.
	32 mm nominal outer dia pipes	10.00	mtr.
14	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	300.00	Sqm
15	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 5 km (earth measured in stacks will be reduced by 20% for payment).		
		120.00	cum

16	Spreading of sludge, dump manure or/and good earth in required thickness (Cost of sludge, dump manure or/ and good earth to be paid separately).	120.00	cum
17	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertiliers, soil and sand: Hedges like Alife, Dorenta, Tikoma etc	300.00	each
	Carpet grass (well developed)	150.00	sqm
18	Steel Bench providing & Fixing Steel Bench Area- 1.2 m x 0.7m height - 0.45m above G.L. seating:- capsule pipe 22 nos (35 mm x 15 mm) support :- stand 25x 2.5 mm (thickness) NB pipe painthing stucture have bo be powder coated by best quality polyurethane paints. Benches should be procinded with hole passes for proper grip. fixing with 1:2:4 cement concrete	6.00	No
19	decorative & ornamental plants hight upto 1.5m Monstera, parlor palm, areca palm, etc.	1.00	LS
			
ASSTT.ENGINEER		SUB ENGINEER	
Nagar Palik Nigam, Bhilai		Nagar Palik Nigam, Bhilai	