

## NAGAR PALIK NIGAM BHILAI NIT

पार्षद निधि अंतर्गत वार्ड क्र.-16 सुपेला में बोर खनन, नवीन सीमेंटीकरण नाली सहित एवं सार्वजनिक भवन का संधारण एवं नवीन सुविधा उपलब्ध कराने का कार्य।

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

S.NO	PARTICULAR	Q	U
1	Excavation for all types and sizes of foundations, trenches and drains o.....m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil	11.60	cum
2	Providing and laying nominal mix cement concrete with crushed ..... form work. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	1.60	cum
3	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using .. reinforcement and form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	3.20	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 in foundation and plinth all complete: Thermo-Mechanically treated bars FE 415	128.00	Kg
5	Providing and fixing formwork including entering ,..... Foundations, footings, base of columns and plinth beam in any shape and size.	16.00	sqm
6	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.	1.60	cum
7	Providing and laying cement concrete for plain concrete/ reinforced concrete i/c form work, shuttering complete in as per drawings and specifications. ( For Village roads P.C.C. M-25	16.50	cum
8	Structural steel work riveted or bolted or welded in built-up sections, trusses and frames work upto a height of 5m above plinth level, including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	397.71	kg
9	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	2.00	cum
10	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 : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.	41.85	sqm
11	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)	9.31	cum
12	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	80.00	sqm
13	Painting exterior surface with SMOOTH exterior emulsion paint of manufactured with cow dung processing to give protective and decorative finish including cleaning washing of surface etc. complete with: On old work (One or more coats applied @ 0.83 ltr/ 10 sqm)	225.00	sqm
14	On new work (One or more coats applied @ 1.43 ltr/ 10 sqm)	100.00	sqm

15	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	100.00	sqm
16	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 microns epoxy primer on both side of the sheet and .. rafters and trusses and including cutting to size and shape wherever required.	41.85	sqm
17	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. All types of soil 125 mm dia.	30.00	M
18	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I),. of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. Rocky strata including Boulders. 125 mm dia.	60.00	M
19	Supplying, assembling, lowering and fixing in vertical position in bore well, ISI marked G.I. casing pipe (Plain) medium ..IVth revision (Up-to-date amendments), of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in-charge. 125 mm nominal dia	31.30	M
20	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of: 125 mm dia	1.00	Each
<b>ASSTT.ENGINEER</b>		<b>SUB ENGINEER</b>	
Nagar Palik Nigam, Bhilai		Nagar Palik Nigam, Bhilai	