

NAGAR PALIK NIGAM BHILAI

NIT

पार्षद निधि अंतर्गत वार्ड क्र.-25 जवाहर नगर चित्रांश चेतना मंच के पास बोर खनन एवं वाम्बे आवास के पास पाईप लाईन विस्तारीकरण कार्य।

AS PER P.W.D BUILDING S.O.R (01.01.2015) & ELECTRICAL S.O.R. (01.06.2020)

S.No.	PARTICULARS	QTY	UNIT
1	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 150 mm dia.	30.00	M
2	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. Rocky strata including Boulders. 150 mm dia.	60.00	M
3	Supplying, assembling, lowering and fixing in vertical position in bore well, ISI marked G.I. casing pipe (Plain) medium class in 4-to 7 meters length one end fitted with socket as per IS: 1239 (Part-1&Part-2) 1992 with 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. 150 mm nominal dia	26.50	M
4	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.		
	For pannel Box.	55.00	kg
5	Supplying of submersible pump set for water supply system with submersible motor as per specification.		
	5.0 HP, three phase	1.00	Each
6	Supply of 5-7.5 HP 3 phase submersible motor starter cum control	1.00	Each
7	Supplying, laying and fixing following size submersible cable along with GI/PVC/HDFC pipe line or laid in ground etc as per specification and IS: 694 (2010). Note: Cable should be rust proof, safe from oil / Grease and under water Chemical / abrasion Resistant.		
	3x4.0 sqmm	50.00	mtr.
8	Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).		
	4 x 10 sq. mm.	50.00	mtr.
9	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete:		
	15 mm dia. nominal bore	30.00	mtr.
	25 mm dia. nominal bore	100.00	mtr.
	32 mm dia. nominal bore	140.00	mtr.
10	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:		
	bib cock (250 grams)	15.00	each
11	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end):		
	25 mm dia. nominal bore	10.00	each
	32 mm dia. nominal bore	8.00	each
12	Providing and fixing G.I. Union in G.I. pipe (New work) including cutting and threading the pipe and making long screws etc. complete:		
	25mm nominal bore	10.00	each
	32mm nominal bore	10.00	each
13	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).	0.36	cum



ASSTT. ENGINEER
Nagar Palik Nigam, Bhilai


SUB ENGINEER

Nagar Palik Nigam, Bhilai

