

# NAGAR PALIK NIGAM BHILAI

## NIT

पार्षद निधि अंतर्गत वार्ड क्र.-23 घासीदास नगर डबरा पारा नहर के नीचे एक नग बोर खनन एवं पाइप लाईन बिछाने का 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.	27.00	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.	56.00	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	30.50	M
4	Providing and placing in position India Mark II hand pump with 32 mm diameter riser pipe assembly complete with all accessories (riser pipe and plunger rod to be paid separately).	1.00	NOS
5	Providing ISI Mark 32 mm dia G.I. ( B class) riser pipe and M.S. plunger rod in 3 meter length socketed on one end as per IS: 1239 ( Part I) 1990 with up to date amendments and socket as per IS: 2062/1990 up to date amendments.	30.00	M
6	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).	0.75	CUM
7	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:	30.00	Mtr
	25 mm dia. nominal bore	30.00	Mtr
	32 mm dia. nominal bore	30.00	Mtr
	40 mm dia. nominal bore	30.00	Mtr
	50 mm dia. nominal bore	30.00	Mtr
8	Supplying of submersible pump set for water supply system with submersible motor as per specification.	1.00	Each
	3.0 HP, three phase	1.00	Each
9	Supply of 5-7.5 HP 3 phase submersible motor starter cum control	1.00	Each
10	Supply of 1-3 HP 1 phase submersible motor starter cum control		
11	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.	20.00	Metre
	3x2.5 sqmm	20.00	Metre
	3x4.0 sqmm	20.00	Metre
	3x6.0 sqmm	20.00	Metre



ASSTT.ENGINEER

Nagar Palik Nigam, Bhilai



SUB ENGINEER

Nagar Palik Nigam, Bhilai