

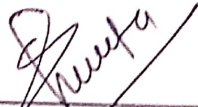
# NAGAR PALIK NIGAM BHILAI

## NIT

पार्षद निधि अंतर्गत वार्ड क्र.-23 भवानी चौक के पास बोर खनन एवं पाइप 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	30.00	M
	150 mm dia.		
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.	60.00	M
	150 mm dia.		
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.	27.50	M
	150 mm nominal dia		
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.	40.00	kg
	For pannel Box.		
5	Supplying, installation, testing and commissioning of submersible pump set for water supply system with submersible motor directly coupled to multi-stage submersible pump of specified discharge capacity, head, delivery size in existing bore well including 2 sets of suitable size holding clamps made out of 50 mm X 6 mm MS flat, connection with suitable submersible cable of standard length etc. as per specification and IS: 694 (2010). Note: submersible Cable should be rust proof, safe from oil / Grease and under water Chemical / abrasion Resistant.	1.00	Each
	2.0 HP, single phase		
6	Supply, installation, testing and commissioning of 1-3 HP 1 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as per specification. a) Phase indicating lamps with fuses and toggle switches 1 set b) 1/2/3 HP 1 phase DOL starter with over load and no volt relay 1 No c) 25 A "C" curve DPMCB 1 No d) Voltmeter 0-250 V 1 set e) Ammeter 0-10 A 1 set	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). <b>Note:</b> Cable should be rust proof, safe from oil / Grease and under water Chemical / abrasion Resistant.	80.00	mtr.
	3x2.5 sqmm		
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 excavtion, sand cushioning, protective covering and refilling the trench etc as per specification. IS: 1554 (1988, Part I) / IS: 7098 (1988, Part I).	50.00	mtr.
	4 x 10 sq. mm.		
9	Supplying and fixing of following sizes 'B' class G I pipe with all necessary Tee's, bends, sockets in the suction/ delivery line including cutting and threading etc. as per specification.	35.00	mtr.
	32 mm dia.		
	25 mm dia.	35.00	mtr.



ASSTT. ENGINEER

Nagar Palik Nigam, Bhilai

SUB ENGINEER

Nagar Palik Nigam, Bhilai

