NAGAR PALIK NIGAM BHILAI

NIT

पार्षद निधि अंतर्गत वार्ड क्रं. 29 वृंदानगर के विभिन्न क्षेत्रों में 2 नग बोर खनन कार्य।

AS PER P.W.D BUILDING S.O.R (10.06.2026) & ELECTRICAL S.O.R. (10.06.2026) & NON SOR

S.No.	PARTICULARS	QTY	UNIT
1	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well within the selected habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is payable)		
		1.00	**point**
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. All types of soil		
	150 mm dia.	**28.00**	**M**
3	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.	**55.00**	**M**
4	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	**30.00**	**M**
5	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully		
		5.00	**hr**
6	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:		
	150mm nominal size dia	**1.00**	**each**
7	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.		
	1.5 HP, single phase	**1.00**	**Each**

8	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**
9	Supplying and laying following sizes one number FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade in existing masonry open duct as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).4 x 25 sq. mm.		
		20.00	**Metre**
10	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). Submersible cable should be rust proof, safe from oil / grease and under water chemical / Abrasion resistant. 3x4.0 Sqmm		
		75.00	**Metre**
	NON SOR ITEM		
11	Providing ISI Mark 32 mm dia Bloack H.D.P.E. Roll Pipe 8 with Bottom and Top Socket Assembly Fiting all Complete		
		60.00	**Metre**

ASST. ENGINEER
Nagar Palik Nigam, Bhilai

SUB ENGINEER
Nagar Palik Nigam, Bhilai