

**MUNICIPAL CORPORATION BHILAI (C.G.)**

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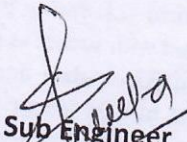
**BOREWELL**

विषय – वार्ड 03,19,49,28,16,12,19,05,21 एवं 06 में बोर खनन कार्य।

Sl. No.	Description of work	Qty.	Unit
1	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		
	150MM DIA	198	Rmt
2	Rocky strata including Boulder		
	150MM DIA	792	Rmt
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 beyond 90 metre & upto 150 metre depth below ground level.		
	150 mm dia.	165	Rmt
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.		
	150mm nominal size dia	330	Rmt
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	55	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	11	each

7	Providing ISI Mark 32 mm dia G.I. ( B class) riser pipe and M. 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 amendment		
		440	Rmt
8	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 required.1.5.0 HP, single phase	11	Each
9	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 required. 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	11	Each
10	Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.	550	Metre
11	Supplying, laying and fixing following size submersible cable along with GI/PVC/HDFC pipe line or laid in ground etc as per specification 3x4.0sqmm	550	Metre

**Assistant Engineer**  
**Nagar Palik Nigam Bhilai**

  
**Sub Engineer**  
**Nagar Palik Nigam Bhilai**

विषय - बोर खनन कार्य स्थल का विवरण

क.	स्थल का नाम	संख्या
1	वार्ड 03 विनोबा नगर	01 नग
2	वार्ड 19 राजीव नगर	01 नग
3	वार्ड 49 शिव शेकर मोहल्ला	01 नग
4	वार्ड 28 आजाद मोहल्ला	01 नग
5	वार्ड 16 उडिया मोहल्ला	01 नग
6	वार्ड 12 विवेकानंद नगर	01 नग
7	वार्ड 12 बजरंगपारा	01 नग
8	वार्ड 19 रामनगर	01 नग
9	वार्ड 05 कोसानगर बाम्बे आवास	01 नग
10	वार्ड 21 कैलाश नगर कुरुद अंतर्गत	01 नग
11	वार्ड 06 प्रियदर्शनी परिसर अंतर्गत	01 नग

*[Handwritten Signature]*  
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