

# MUNICIPAL CORPORATION - BHILAI

III

कार्य का नाम - कोरा नगर बाहन शाखा के पीछे, सेक्टर 06 राहक 21 एवं 23 उद्यान, सेक्टर 10 एरा बी.आई. बैंक के पीछे उद्यान, खम्हरिया जुनवानी उद्यान (अमृत मिशन), खुबचंद बघेल हाउसिंग बोर्ड उद्यान (अमृत मिशन) में बोर खनन कार्य।

As Per PWD Building 2015 & ELEC SOR 2020, NON SOR

S.NO.	DESCRIPTION	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.		
a	All types of soil 150MM DIA	25.00	Rmt
b	Rocky strata including Boulders. 150MM DIA	65.00	Rmt
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 beyond 90 metre & upto 150 metre depth below ground level Rocky strata including Boulders. 150MM DIA	35.00	Rmt
3	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 developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge	4.00	hour
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.	28.00	meter
5	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: 150 mm dia	1	Each
6	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 RCC/ HUME/ STONEWARE/ METAL/ HDPE pipe as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1) 2 x 16 sq. mm	100.00	Mtr
7	Supplying, laying and fixing following size submersible cable along with GI/PVC/HDPE 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. 3x2.5 sqmm	70.00	Mtr
8	Supplying of submersible pump set for water supply system with submersible motor as per specification. 1.5 HP, single phase	1.00	Nos
9	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete		
a	15 mm dia. nominal bore	72.00	Rmt
b	20 mm dia. nominal bore	50.00	Rmt
c	32 mm dia. nominal bore	10.00	Rmt
<b>NON SOR (B)</b>			
1	Providing ISI Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket Assembly Fiting all Complete	50.00	MTR

*[Handwritten Signature]*