

MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

कार्य का नाम:- वार्ड क्रं. 58 सेक्टर 4 सडक 26 व 27 में 01 नग बोर खनन कार्य।

ELEC SOR 2020 & Building SOR 01.01.2015

SN	ITEM 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, plants & machineries required for the job, all complete as for direction of Engineer-in-charge upto 90 metre depth below ground level		
	R150 mm dia.	25.00	Rmt
	Rocky strata including Boulders.		
	150 mm dia	75.00	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	20.00	Rmt.
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	20.00	Rmt.
4	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 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.	5.00	hour
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: 150mm nominal size dia	1.00	each
5	Carrying out the resistivity survey by VES method using Schlumberger configuration for indicating the proper spot for drilling of tubewell 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	each
6	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:		
	75 mm dia. nominal bore	48.00	Rmt
	50 mm dia. nominal bore	21.00	Rmt
	25 mm dia. nominal bore	40.00	Rmt

EXECUTIVE ENGINEER
MUNICIPAL CORPORATION
BHILAI

ASSISTANT ENGINEER
MUNICIPAL CORPORATION
BHILAI

SUB ENGINEER
MUNICIPAL CORPORATION
BHILAI