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# MUNICIPAL CORPORATION OF BHILAI


कार्य का नाम:- वार्ड क.24 शारदा पारा, NIT गांधी चौक केम्प 02 बिहारी मोहल्ला में बोर खनन कार्य।


As Per PWD Building SOR 01.01.2015

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
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	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 125 mm dia.	25.00	Mtr.
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. 125 mm nominal dia	75.00	Mtr.
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 — of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer- in-charge. 125 mm nominal dia	25.00	Mtr.
5	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 — 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.125 mm dia.	13.50	Mtr.
6	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 aircompressor, 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 & drawdown etc. by step drawdown 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.	10.00	hr
7	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 nominal dia	1	Each
8	Providing ISI Mark 32 mm dia G.I. ( B class) riser pipe and M.S. 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 amendments.	40.00	Mtr.
9	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete: 25 mm dia. nominal bore	100.00	Mtr.
10	Supplying, installation esting and commisioning 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 set of suitable size holding clamps made out of 50mm x 6mm MS flat with suitable submersible cable of standard lengh.	1.00	each

11	supply installiom testing and commisioning 1-3 Hp 1 phase submersible motorstarter cum control wall /floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgerars of there in including connection inter -connection etc. as requird. a. phase indicating lamps with fuses and toggle switches 1 set b. 1/2/3 HP 1 phase DOL starter with over loadand no volt relay 1 no c. 25 A C curve DPMCB 1 NO D.ammeter 0-1- A set	1.00	
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कार्यपालन अभियन्ता  
नगर पालिक निगम, भिलाई

  
सहायक अभियन्ता  
नगर पालिक निगम, भिलाई

  
उप अभियन्ता  
नगर पालिक निगम, भिलाई