

MUNICIPAL CORPORATION, BHILAI

NIT

कार्य का नाम :- वार्ड क्रं. 47 सेक्टर 01 बी मार्केट शिव मंदिर के पास पेयजल हेतु एक नग बोर खनन कार्य।

(As per P.W.D. Building S.O.R. W.E.F. 01.01.2015 & Electrical S.O.R. 1.07.2015)

S.No	Details of item	Quantity
1	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well with in 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) (Page-201Item- 21.17)	1.0 points
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.	30.0/Mtr
3	B) rocky strata including boulders 125mm dia.	70.0/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	22.00/Mtr
5	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well house/casing pipe, removable as per requirement, all complete for bore well of: 125mm dia	1No.
6	Providing and placing in position India mark II Hand pump with 32mm diametre riser pipe assembly complete with all accessories (riser pipe and plunger rod to be paid separately) (Page-201 Item- 21.15)	1No.
7	Providing ISI Mark 32mm dia G.I. (B class) riser pipe in 3meter 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.(Page-201 Item-21.16)	25.0/Mtr
8	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works up to plinth level excluding cost of form work.1:4:8graded stone aggregate 40mm nominal size. (Page-23 Item-3.1.2)	0.30m ³
9	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works up to plinth level excluding cost of form work.1:1½:3 graded stone aggregate 20mm nominal size). (Page-23 Item-3.1.5)	0.50 m ³
10	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.1.0 HP, single phase	1 Each
11	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	1 Each
12	Supplying, laying and fixing following size submersible cable along with GI/PVC/HDFC pipe line or laid in ground etc as required 3x2.5 sqmm	52.00/Mtr

EXCUIITIVE ENGINEER
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ASSISTANT ENGINEER
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SUB ENGINEER
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