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MUNICIPAL CORPORATION OF BHILAI
NIT

वार्ड क्र.-45 बालाजी नगर सड़क 54 में नलकूप खनन सह पाईप लाईन विस्तार कार्य।

(As Per PWD Building SOR 01.01.2015)

S.N.	PARTICULARS 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	NO
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 150 mm dia.	27	Metre
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. 150 mm dia.	56.00	Metre
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	30.50	Metre
5	Providing and placing in position India Mark II hand pump with 32 mm diameter riser pipe assembly complete with all accessories (riser pipe and plunger rod to be paid separately).	1	NO
6	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.	30.00	Metre
7	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	0.75	CUM
8	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:		
a	50 mm dia. nominal bore	200.00	Metre
b	40 mm dia. nominal bore	150	Metre
c	25 mm dia. nominal bore	150	Metre
d	20 mm dia. nominal bore	80	Metre
e	15 mm dia. nominal bore	40.00	Metre
9	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end):		
a	50 mm dia. nominal bore	15	Each
b	40 mm dia. nominal bore	10	Each
c	25 mm dia. nominal bore	10	Each

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S.N.	PARTICULERS OF ITEMS	Quantity	UOM
10	Providing and fixing G.I. Union in G.I. pipe (New work) including cutting and threading the pipe and making long screws etc. complete:		
a	50 mm dia. nominal bore	10	Each
b	40 mm dia. nominal bore	10	Each
c	25 mm dia. nominal bore	10	Each
11	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: Bib cock (250 grams)	30	Each



Executive Engineer
Municipal Corporation
Bhilai



Assistant Engineer
Municipal Corporation
Bhilai



Sub Engineer
Municipal Corporation
Bhilai