MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

कार्य का नाम :– वार्ड–06 प्रियदर्शनी परिसर वाहन शाखा के पीछे में रीपा की तर्ज पर अर्बन कॉटेज एंड सर्विस इंडस्ट्रीज पार्क की स्थापना हेतु पेयजल व्यवस्था एवं बोर खनन कार्य।

Pwd Building Sor 01.01.2015 & Electric Sor 01.06.2020 & Non Sor

S.No.	Description and details of work	Qty.	Unit
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. 125 mm dia.	25.00	Metre
	Rocky strata including Boulders. 125 mm dia.	75.00	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. 200 mm dia	40.00	Metre
4	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
	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. 125 mm nominal dia	30.00	Meter
5	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	2000.00	Liter
6	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:	40.00	Meter
	25 mm dia. nominal bore	250.00	Meter
7	50 mm dia. nominal bore	350.00	Meter

S.No.	Description and details of work	Qty.	Unit
8	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: Bib cock (250 grams)	10.00	Each
	Providing and fixing brass/ gun metal gate valve with C.I. wheel of approved quality (screwed end): 25 mm dia. nominal bore	3.00	Each
9	50 mm dia. nominal bore	3.00	Each
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: 20mm nominal bore	10.00	Each
	50mm nominal bore	10.00	Each
11	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. 2.0 HP, single phase	1	Each
12	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 interconnection 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	1.00	Each
	Supplying and laying following sizes one number 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 required.	100.00	Metre
	NON SOR ITEM		
1	Providing ISI Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket Assembly Fiting all Complete	100.00	Metre
2	3 phase energy meter connection with 4 Core 16mm Service Cable Inculding all installation Charge	1.00	No

Executive Engineer
Municipal Corporation
Bhilai (C.G)

Asstt. Engineer
Municipal Corporation
Bhilai (C.G)

Sub. Engineer
Municipal Corporatio
Bhilai (C.G)