

MUNICIPAL CORPORATION OF BHILAI NIT

कार्य का नाम :- पार्षद निधि से वार्ड 06 लेबर कॉलोनी संजय नगर में बोर खनन कार्य
समबर्सिबल पंप सहित।

(As Per PWD Building SOR 01.01.2015 & Electric SOR 01.06.2020. Non Sor Item)

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
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, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level. 150 mm dia.	25.00	METER
	Rocky strata including Boulders. 150 mm dia.	65.00	METER
2	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	1.00	Each
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	26.00	METER
4	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 per specification and IS: 694 (2010). Note: submersible Cable should be rust proof, safe from oil / Grease and under water Chemical / abrasion Resistant. 3.0 HP, three phase	1.00	Each

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
5	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 per specification. 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	1.00	Each
6	Supplying, laying and fixing following size submersible cable along with GI/PVC/HDFC pipe line or laid in ground etc as per specification and IS: 694 (2010). Note: Cable should be rust proof, safe from oil / Grease and under water Chemical / abrasion Resistant. 3x2.5 sqmm	50.00	METER
7	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	METER
	40 mm dia. nominal bore	60.00	METER
	15 mm dia. nominal bore	30.00	METER
NON SOR ITEM			
1	Providing ISI mark 50 mm dia black H.D.P.E roll pipe with bottom and top socket assembly fitting all complete	50.00	METER

Executive Engineer
Municipal Corporation
Bhilai

Rashmi
Asstt. Engineer
Municipal Corporation
Bhilai

[Signature]
Sub. Engineer
Municipal Corporation
Bhilai