

**NAGAR NIGAM BHILAI**  
**NIT**

कार्य का नाम :- वार्ड 34 शीतला मंदिर चौक, जनता स्कूल के पास बोर खनन कार्य।

AS PER PWD BUILDING S.O.R 01.01.2015 and Electrical SOR 2015 & Non Sor Item

S.N.	P.N.	PARTICULAR	QTY	UNIT
1	21.1.1.3	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. All types of soil 150 mm dia.	50.00	meter
2	21.1.2.3	Rocky strata including Boulders. 150 mm dia.	130.00	meter
3	21.2.2.3	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 beyond 90 metre & upto 150 metre depth below ground level. Rocky strata including Boulders. 150 mm dia.	20.00	meter
4	21.5.3	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.	52.00	meter
5	21.11.3	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	2.00	each
6	electric 2020 SOR 23.3.3	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. 1. HP, single phase	2.00	each

S.N.	P.N.	PARTICULAR	QTY	UNIT
7	electric 2020 SOR 23.11	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 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	2.00	Each
8	electric 2020 SOR 23.14.2	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	200.00	MT
9	19.9	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	74.00	each
<b>NON SOR ITEM</b>				
10		Providing ISI Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket Assembly Fiting all Complete	196.00	meter
11		02 phase energy meter connection with 3x10 sqmm Service Cable Inculding all installation Charge	2.00	No

कार्यपालन अभियन्ता  
नगर पालिक निगम, भिलाई

सहायक अभियन्ता  
नगर पालिक निगम, भिलाई

उप अभियन्ता  
नगर पालिक निगम, भिलाई