MUNICIPAL CORPORATION OF BHILAI

(2)

NIT

कार्य का नाम :–जोन कमांक 03 क्षेत्रांतर्गत वार्ड 55 सेक्टर 02 भिलाई में सड़क 12 क्वाटर 20/ए के समीप में बोर खनन कार्य।

AS PER PWD BUILDING S.O.R 10.06.2026 and Electrical SOR 10.06.2026, PHED SOR22-23

S.N.	PARTICULAR	QTY	UNIT
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.All types of soil 125 mm dia.	25.00	meter
2	Rocky strata including Boulders.125 mm dia.	65.00	meter
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. 125 mm dia.	15.00	meter
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. 125 mm dia.	25.60	meter
5	Development of tube well in accordance with IS : 2800 (part I) and IS:11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity aircompressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any otherapproved method, measuring static level & draw down etc. by step drawdown method, collecting water samples & getting tested in approvedlaboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as perrequirement and direction of Engineer-in-charge.	3.00	H
6	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: 125 mm dia.	1.00	each
7	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.1.5HP, single phase	1.00	each
8	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 Nod) Voltmeter 0-250 V 1 set	1.00	Each

Scanned with CamScanner

S.N.	PARTICULAR	QTY	UNIT
9	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	60.00	meter
10	Supplying and hanging following sizes one number FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade on GI bearer wire (binded at every metre) including cost of bearer wire complete as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).2 x 10 sq. mm. on 8 SWG GI bearer wire	10.00	meter
11	Providing and Supplying Blue MDPE pipes conforming to ISO 4427:1996 manufactured from virgin resin PE 80 Food grade compounded Raw Material having Blue Colour only with quality assurance certificate from quality agencies like WRC/CIPET (India)/ DVGM /KIWA /SPGN etc. for usage in Drinking Water System The cost shall include testing of all materials, Inspection charges, transportation up to site, transit insurance, loading,unloading, stacking etc. complete. 32 mm dia	60.00	R M

कार्यपालन अभियंता	सहायक अभियन्ता	उप अभियन्ता
नगर पालिक निगम, भिलाई	नगर पालिक निगम, भिलाई	नगर पालिक निगम, भिलाई

Scanned with CamScanner