

# MUNICIPAL CORPORATION OF BHILAI

## NIT

कार्य का नाम :- नगर निगम भिलाई अंतर्गत उद्यानों में पंप एवं पैनल बोर्ड का संधारण कार्य

(As Per PWD Building SOR 20.04.2026 & Electrical SOR 10.04.2020)

S.NO	ITEM NO.	ITEM	QTY	UN
<b>(A)</b>				
<b>As Per PWD Building SOR 20.04.2026 )</b>				
1	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:		
	19.9.3	25 mm nominal bore	50	Mt
	19.9.5	40 mm nominal bore	50	Mt
	19.9.6	50 mm nominal bore	30	Mt
<b>(B)</b>				
<b>As Per Electrical SOR 01.06.2020, )</b>				
2	3.11.3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, multi strand wire in the existing surface/ concealed, FRLS PVC conduit / PVC casing capping as per specification and IS: 694 (2010) 3 x 1.5 sq. mm	150.00	Mtr
3	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 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 (SN 23.11)	38.00	Each
4	23.10	Supply, installation, testing and commissioning of 5-7.5 HP 3 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) 5/7.5 HP 3 phase DOL starter with over load and no volt relay 1 No c) 32 A "C" curve TPMCB 1 No d) Voltmeter 0-500 V with selector switch 1 set e) Ammeter 0-10 A with CT's and selector switch 1 set.	2.00	Each
5	23.9	Supply, installation, testing and commissioning of 10-15 HP 3 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) 10/12.5/15 HP 3 phase automatic Star-delta starter with over load and no volt relay 1 No c) 32 A "C" curve TPMCB 1 No d) Voltmeter 0-500 V with selector switch 1 set e) Ammeter 0-10 A with CT's and selector switch 1 set.	1.00	Each
6	23.3	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.(SN 23.3) 1.0 HP, single phase	3.00	Each
7	23.14	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	Mtr

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8	1.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, wire in concealed FRLS PVC conduit (heavy duty, thickness of pipe should be 2 mm) as per specification and IS: 694 (2010), IS: 9537 (2000 Part 5) 3 X 4 sq. mm in 25mm conduit	50.00	Mtr
9	9.14	Supplying and fixing TP MCB, 440 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.	10	Each
	9.14.2	6 amps to 32 amps	1	Each
	9.14.3	40 amps	1	Each
	9.14.4	50 amps		
	9.14.5	63 amps		
10	15.30	Supplying and laying following sizes one number FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade in existing masonry open duct as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1) (PN 15.4.3) 2 x 10 sq. mm	100.00	Mtr
11	23.18	Repair of openwell pump parts and submersible pump parts 150 mm dia meter by opening and replacing defective part with compatible new part and assembly it with testing and re-installation including etc	30	Each
A	23.18.1	Stainless steel bearing sleeve	3	Each
B	23.18.2	Gun metal/ stainless steel impellers	3	Each
C	23.18.3	Gun metal/ stainless steel diffusers	3	Set
D	23.18.4	Gun metal/ stainless steel neck ring	3	Each
E	23.18.5	Gun metal/ stainless steel Bowl set	3	Each
F	23.18.6	Gun metal/ stainless steel surcleap	30	Each
G	23.18.7	Stainless steel pump shaft	3	Each
H	23.18.8	Gun metal bush	3	Each
I	23.18.9	Stainless steel sleeve	3	Kg
J	23.18.10	Gun metal/ stainless steel sand guard	3	Set
K	23.18.11	Nut-bolt, strut washer & packing materials etc. complete.	3	Each
L	23.18.12	Stainless steel coupling & key set	3	Each
M	23.18.13	NRV suitable for pumpset	3	Each
N	23.18.14	Pump tee patti		
O	23.18.15	Suction housing		
12	23.19	Repair of submersible motor parts 100 mm dia meter opening /Rewinding and assembly with testing etc complete and reinstallation including etc	5	Job
A	23.19.1	Rewinding of motor from 3 to 5 HP (3 phase) waterproof copper winding wire	5	Job
B	23.19.2	Rewinding of motor from 2 HP (3 phase) waterproof copper winding wire	9	Job
C	23.19.3	Rewinding of motor upto 2 HP (single phase) waterproof copper winding wire	12	Kg
13	23.19.14	Nut-bolt, strut washer & packing materials etc. complete.	29	Job
14	23.22.1	Provision for lifting out unworkable submersible pump from tubewell from any depth with G.I./UPVC pipe shifting to work shop as per required suitable site.		
15	23.23	Repairing of control panel board with replacement of contactor kit set capacitors, boost up, condenser etc complete including wiring, fitting, and testing.	5	Job
A	23.23.1	Single phasing preventer	1	Job
B	23.23.2	Dry run protection	3	Each
C	23.23.4	Replacement of overload relay unit set up to 15amp.		

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