

NAGAR NIGAM BHILAI

NIT

REPAIRING OF POWER PUMP PENAL & LOWERING LIFTING AT ZONE-04

AS Per Electrical SOR 1.6.20 & ITEM RATE

S.NO	PARTICULAR	QTY	UNIT
NON SOR ITEM			
1	Repairing of power pump (submersible/Mono block/ Open well pump) Repairing & Rewinding testing etc. Complete Job.		
A	1.0 H.P. - 2 H.P. Power pump		
a	Repairing of motar pump complete.	20	Nos.
b	Repairing of motar complete.	15	Nos.
c	Repairing of Pump complete.	15	Nos.
B	3 H.P. - 5 H.P.		
a	Repairing of motar pump complete.	30	Nos.
b	Repairing of motar complete.	20	Nos.
c	Repairing of Pump complete.	20	Nos.
C	Above 5 H.P.		
a	Repairing of motar pump complete.	45	Nos.
b	Repairing of motar complete.	25	Nos.
c	Repairing of Pump complete.	20	Nos.
D	Repairing of Openwell Complete 5 H.P - 10 H.P.	2	Nos.
2	Maintenance of Power Pump.		
a	Lifting of submersible power pump from tube well (up to 5 HP)	150	Nos.
b	Lifting of submersible power pump from tube well (more than 5 HP)	30	Nos.
c	Lowering of submersible power pump from tube well (upto 5 HP)	150	Nos.
d	Lowering of submersible power pump from tube well (more than 5 HP)	30	Nos.
3	Repairing of Panel.		
A	1 H.P. - 2 H.P.		
a	Repairing of Panel Complete	20	Nos.
b	Replacement of Condensor	40	Nos.
c	Replacement of Coils	40	Nos.
d	Replacement of Relay	50	Nos.
e	Replacement of Switch	40	Nos.
f	Replacement of Indicator	20	Nos.
B	3 H.P. - 10 H.P.		
a	Repairing of Panel Complete	45	Nos.
b	Replacement of Coils	30	Nos.
c	Replacement of Relay	30	Nos.
d	Replacement of Switch	30	Nos.
e	Replacement of Indicator	30	Nos.
4	Providing & Fixxing G.I. Socket 50mm	30	Nos.
5	Providing & Fixxing G.I. Socket 40mm	35	Nos.
6	Providing & Fixxing G.I. Union 50mm	35	Nos.



S.NO	PARTICULAR	QTY	UNIT
7	Providing & Fixxing G.I. Union 40mm	35	Nos.
8	Providing & Fixxing G.I. Nipple 50mm	35	Nos.
9	Providing & Fixxing G.I. Nipple 40mm	35	Nos.
10	Providing & Fixxing G.I. Nipple 80mm	35	Nos.
11	Providing & Fixxing G.I. Nipple 100mm	35	Nos.
12	Providing & Fixxing G.I. Flange 80mm	35	Nos.
13	Providing & Fixxing G.I. Flange 100mm	35	Nos.
15	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:		
a	40 mm nominal bore	80	Mtr
b	50 mm nominal bore	110	Mtr
16	Providing ISI Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket Assembly Fiting all Complete .	150.00	meter
	As Per Electrical SOR 01.06.2020)		
17	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	10	Nos.
18	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 se	3	Nos.
19	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		
a	1.0 HP, single phase	2	Nos.
b	1.5 HP, single phase	2	Nos.
c	2.0 HP, single phase	2	Nos.
d	3.0 HP, three phase	4	Nos.
e	5.0 HP, three phase	4	Nos.
19	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.		
a	3x2.5 sqmm	200	Mtr

S.NO	PARTICULAR	QTY	UNIT
b	3x4.0 sqmm	200	Mtr
c	3x6.0 sqmm	200	Mtr
20	Providing Fixxing & supplying Electrical Cut-outs 63 AMP	40	Nos.
21	Providing Fixxing & supplying Electrical Cut-outs 32 AMP	40	Nos.

Smr
Executive Engineer
 Municiapal Corporation
 Bhilai

Assistant Engineer
 Municipal Corporation
 Bhilai

Sub Engineer
 Municipal Corporation
 Bhilai