NAGAR NIGAM BHILAI



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

AS Per Electrical SOR 1.6.20 & ITEM RATE

S.NO	PARTICULAR	QTY	UNIT
21.10	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.
С	Repairing of Pump complete.	15	Nos.
В	3 H.P 5 H.P.		
a	Repairing of motar pump complete.	30	Nos.
b	Repairing of motar complete.	20	Nos.
с	Repairing of Pump complete.	20	Nos.
С	Above 5 H.P.		
a	Repairing of motar pump complete.	45	Nos.
b	Repairing of motar complete.	25	Nos.
С	Repairing of Pump complete.	20	Nos.
D	Repairing of Openwell Complete 5 H.P - 10 H.P.	2	Nos.
2	Maintenance of Power Pump.		1100.
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.
С	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.	30	1105.
A	1 H.P 2 H.P.		
a	Repairing of Panel Complete	20	Nos.
b	Replacement of Condensor	40	
С	Replacement of Coils	40	Nos.
d	Replacement of Relay	50	Nos.
e	Replacement of Switch		Nos.
f	Replacement of Indicator	40	Nos.
В	3 H.P 10 H.P.	20	Nos.
a	Repairing of Panel Complete	-15	
b	Replacement of Coils	45	Nos.
С	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.
		35	Nos.

7 Providing & Fixxing G.I. Union 40mm 35 Nos. 8 Providing & Fixxing G.I. Nipple 50mm 36 Providing & Fixxing G.I. Nipple 40mm 37 Nos. 9 Providing & Fixxing G.I. Nipple 40mm 38 Nos. 10 Providing & Fixxing G.I. Nipple 80mm 39 Nos. 11 Providing & Fixxing G.I. Nipple 100mm 30 Nos. 11 Providing & Fixxing G.I. Flange 80mm 31 Providing & Fixxing G.I. Flange 100mm 32 Providing & Fixxing G.I. Flange 100mm 33 Nos. 34 Nos. 35 Nos. 36 Nos. 37 Nos. 38 Providing & Fixxing G.I. Nipple 100mm 39 Nos. 31 Providing & Fixxing G.I. Flange 80mm 30 Nos. 31 Providing & Fixxing G.I. Flange 100mm 31 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: 40 mm nominal bore 40 mm nominal bore 40 mm nominal bore 410 Providing ISI Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket Assembly Fiting all Complete. 43 Per Electrical SOR 01.06.2020) 50 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 5 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 switchgears there in including connection inter-connection etc. as per specification, a) Phase indicating lamps with lamber of the providing switchgears there in including switchgears there in including connection inter-connection etc. as per specification, a) Phase indicating lamps with lamber of the providing		PARTICULAR	QIY	UT Topics
Providing & Fixxing G.I. Nipple 50mm Providing & Fixxing G.I. Nipple 40mm Providing & Fixxing G.I. Nipple 100mm Providing & Fixxing G.I. Nipple 100mm Providing & Fixxing G.I. Plange 80mm Providing & Fixxing G.I. Flange 100mm Providing & Fixxing G.I. Flange 100mm Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavartion of trenches, refilling the same and testing of joints complete: When the same of the same and testing of joints complete: When mominal bore When the same and testing of joints complete: When the same in the same and testing of joints complete: When the same in the same and testing of joints complete: When the same including excavartion of trenches, refilling the same and testing of joints complete: When the same and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavartion of trenches, refilling the same and testing of joints complete: When the same trenches G.I. pipes medium class complete with G.I. fittings including excavartion of trenches, refilling the same and testing of joints complete: When the same trenches G.I. pipes medium class complete with G.I. fittings including excavartion of trenches, refilling the same and testing of joints complete: When the same and testing and commissioning of Joints and the same and testing lamps with fuses and toggle switches I set by J. J. HP I phase book starter in including connection inter-connection etc. as per specification. a) Phase indicating lamps with fuses and toggle switches I set by S.J. S. 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 switchgars there in including connection inter-connection etc. as per specification. a) Phase indicating lamps with fuses and toggle switches I set by S.J. S. HP 3 phase book starter with over load and no volt relay I No c) 32 A "C" curver PMCBI I No dy Othmeter 0-500 V with selector switch I set	S.NO		35	Nos.
9 Providing & Fixxing G.I. Nipple 80mm 10 Providing & Fixxing G.I. Nipple 100mm 11 Providing & Fixxing G.I. Nipple 100mm 12 Providing & Fixxing G.I. Flange 80mm 13 Providing & Fixxing G.I. Flange 100mm 14 Providing & Fixxing G.I. Flange 100mm 15 Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including exeavation of trenches, refilling the same and testing of joints complete: 15 Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including exeavation of trenches, refilling the same and testing of joints complete: 16 As Providing ISI Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket 16 Assembly Fiting all Complete. 17 Assembly Fiting all Complete. 18 As Per Electrical SOR 01.06.2020) 19 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 18 Supply, installation, testing and commissioning of 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 e) Ammeter 0-10 A with CT's and selector switch 1 set e) 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).	7	Providing & Fixxing G.I. Ullon 40hm	35	Nos.
Providing & Fixxing G.I. Nipple 100mm 11 Providing & Fixxing G.I. Plange 80mm 23 Providing & Fixxing G.I. Flange 100mm 24 Providing & Fixxing G.I. Flange 100mm 25 Providing & Fixxing G.I. Flange 100mm 26 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: 26 In a nominal bore 27 Providing Isl Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket 28 As Per Electrical SOR 01.06.2020 29 Supply, installation, testing and commissioning of 1-3 HP 1 phase submersible motor starter cume 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 fixes 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 29 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 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 about 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 CTs and selector switch 1 set e) Ammeter 0-10 A with CTs and selector switch 1 set e) Ammeter 0-10 A with CTs and selector switc	8	Providing & Fixxing G.I. Nipple 3011111	35	Nos.
Providing & Fixxing G.I. Flange 80mm Providing & Fixxing G.I. Flange 100mm Providing & Fixxing G.I. Flange 100mm Providing & Fixxing G.I. Flange 100mm 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: ### 40 mm nominal bore ### 40 mm nominal bore ### 50 mm nominal bore ### 110 Mtr ### 10 S0 mm nominal bore ### 110 Mtr ### 120 Providing ISI Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket ### As Per Electrical SOR 01.06.2020) ### 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 switchgaers there in including connection inter-connection etc. as per specification. a) Phase indicating lamps with flases 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 ### 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 switchgaers 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 CTs and selector switch 1 set e) Ammeter 0-10 A with CTs and selector switch 1 set e) Ammeter 0-10 A with CTs and selector switch 1 set e) Ammeter 0-10 A with CTs and selector switch 1 set e) Ammeter 0-10 A with CTs and selector switch 1 set e) Ammeter 0-10 A with CTs and selector switch 1 set e) Ammeter 0-10 A with CTs and selector switch 1 set e) Ammeter 0-10 A with CTs and selector switch 1 set e) Ammeter 0-10 A	9	Providing & Fixxing G.I. Nipple 40mm	35	Nos.
13 Providing & Fixxing G.I. Flange 80mm 35 Nos.	10	Providing & Fixxing G.I. Nipple solution	35	Nos.
Providing & Fixxing GJ. Flange 100mm Providing and laying in trenches GJ. pipes medium class complete with GJ. fittings including exeavation of trenches, refilling the same and testing of joints complete: a 40 mm nominal bore b 50 mm nominal bore froviding ISI Mark 32 mm dia Black 11.D.P.E Roll Pipe with Bottom and Top Socket Assembly Fiting all Complete. As Per Electrical SOR 01.06.2020) 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 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 CTs and selector switch 1 set 18 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.	11	Providing& Fixxing G.I. Nipple 100mm	35	Nos.
Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including exeavation of trenches, refilling the same and testing of joints complete: 40 mm nominal bore	12	Providing & Fixxing G.I. Flange somm	35	Nos.
including excavation of trenches, refilling the same and testing of Joines complete: a 40 mm nominal bore b 50 mm nominal bore 110 Mtr Providing ISI Mark 32 mm dia Black 11.D.P.E Roll Pipe with Bottom and Top Socket Assembly Fiting all Complete. As Per Electrical SOR 01.06.2020) 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 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 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 10 HP, single phase c 20 HP, single phase d 30 HP, three phase 4 Nos. 20 Supplying, laying and fixing fol	13	Providing & Fixxing G.I. Flange Toolini		
a 40 mm nominal bore b 50 mm nominal bore c 50 mm nominal bore c 70 mm nominal bore c 80 meter box noministion of 1-3 mp noministion of 1-3 mp noministion onto the stan 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection with such and no volt relay 1 No c) 25 A "C" curve TPMCB 1 No d) Voltmeter 0-250 V 1 set e) Ammeter 0-10 A with CT's and selector switch 1 se 10 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: 69	15	Providing and laying in trenches of the providing the same and testing of joints complete:		
Somm nominal bore			80	Mtr
Providing ISI Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket Assembly Fiting all Complete. As Per Electrical SOR 01.06.2020) 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 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 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 1.0 HP, single phase 2. Nos. 3.0 HP, three phase 4. Nos. 4. 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 p			110	Mtr
Assembly Fiting all Complete. As Per Electrical SOR 01.06.2020) 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 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 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 1.0 HP, single phase 2. Nos. 3. OHP, three phase 4. Nos. 4. 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.		Providing ISI Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket	150.00	meter
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 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 0-250 V with selector switch 1 set e) Ammeter 0-10 A with CT's and selector switch 1 set on the 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	16	Assembly Fiting all Complete .	130.00	meter
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 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 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 10 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. 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.		As Per Electrical SOR 01.06.2020)		
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 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. 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.	17	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	10	Nos.
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.	18	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	3	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. 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.	19	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		
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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.	b	1.5 HP, single phase	2	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.	c	2.0 HP, single phase	2	Nos.
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.	d	3.0 HP, three phase	4	Nos.
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.	e	5.0 HP, three phase	4	Nos.
a 3x2.5 sqmm 200 Mtr	19	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 /		
	a	3x2.5 sqmm	200	Mtr

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

Executive Engineer Municiapal Corporation Bhilai

Assistant Engineer Municipal Corporation Bhilai

Sub Engineer Municipal Corporation Bhilai