

ESTIMATE

Name of Work: Repair and Maintenance, Testing of FCMA soft starter-Capacity 310Kw,02 No. with Replacing, Supplying and fitting of Faulty devices of suitable ratings at Kirmiri-Darur Lift Irrigation Scheme, Dist ; -Chandrapur

Sr.N o.	Qty	CSR No	Description of Item	Rate 114.8	Unit	Amount 2229.6
1	2	4-5-4.	Removing all Components Mounted on Door	3184.8	No.	6369.6
2	2	4-5-5.	Cleaning of all Internal Components with Cleaning Chemicals.	3184.80	No.	6369.6
3	2	4-5-6.	Removing Damaged Parts & Other Parts for Painting.	3184.80	No.	6369.6
4	5	4-5-9.	Supply & fixing indicating Lamps Dia. 22.5mm LED Type 230V AC with Name Plates	398.40	No.	1992
5	2	4-5-10.	Supply and fixing Push Button with NC Element Dia. 22.5mm	558.00	No.	1116
6	1	4-5-11.	Supply and Fixing Thermostat, 30-90 Deg.	1274.40	No.	1274.4
7	1	4-5-12.	Supply and Fixing Space Heater 40W 230V AC	1274.4	No.	1274.4
8	1	4-5-13.	Supply and Fixing Aux. Contactors 230V AC	398.40	No.	398.4
9	1	4-5-14.	Supply and fixing Timers	2866.80	No.	2866.8
10	1	4-5-17.	Supply and Fixing Current Sensing relay	6369.6	No.	6369.6
11	1	4-5-18.	Supply and Fixing Bypass device coil supervision relay	14331.6	No.	14331.6
12	1	4-5-23.	Repairing & Servicing of Bypass Device	19108.8	No.	19108.8
13	1	4-5-27.	Re-Wring of Damaged Parts.	9076.8	No.	9076.8
14	2	4-5-28.	Following tests after complete assembly & painting- a) Checking of all controls, logic & interlocks as per schematic wiring diagrams b) Checking of shorting device ON/OFF operations c) Checking all indications as per wiring diagram d) Checking of Bypass & Supervisory timer operations e) IR value checking of main power circuit f) HV test of complete power circuit with FCMA unit g) IR value checking of main power circuit after HV test h) No load trail with motor	8758.8	No.	17517.6
15	1	4-5-29.	Making all Reports as per Requirement.	4777.2	No.	4777.2
16	1	4-7-2.	Supply of Vacuum Contactor for 6.6 kV soft starter for motor	12739.2	No.	12739.2
17	2	4-10-2.	Supply of New FCMA Module (Coils -including 3Phase) 6.6kv Soft Starter with old replacement	334404	No.	668808
			Total	776619.677	6619.00	780759.60