

ABSTRACT

Name of Work: - Repairs to Electrical System @ Dagadwadi L.I.S. Deulgaon Raja Distt. Buldhana

Sr. No.	Description	Qty.	Rate (Rs.)	Amount (Rs.)
1.	Supplying, installing, testing and commissioning air circuit breaker manual fixed type non-drawout type, 650 V, 630 A rated at 50 degree C without duration 12 KV Impuls 4 pole (100% Neutral Protection), 50 KA (Ics=Icu=icw for Is) with standart access ories with ready to close individual fault trip, alarm and trip indications mechanical and electrical anti pumping soft/ hard rating plug (including hard rating plug CT) with Micro- processor based LCD display release with LSIG and temperature rise protection & with 4 C/O contacts for On-off-trip indication min. 5 event and trip history on breaker display on provided iron frame as per specification no SW-SWR/ACB. CSR Item. No. 5-8-1.	3 Nos.	118268.85	354806.55
2.	Providing and erecting Incoming and Outgoing cable alleys suitable for MCCB panel board with door, 400 A Incoming and 12 way outgoing made from CRCA Sheet 1.6 mm thick duly powder coated and having vertical insulated partition for shielding between the shared face of cableway and DB Complete. CSR Item. No. 5-7-16.	1 Set.	24835.65	24835.65
3.	Supplying & Erecting Bus bar chamber Triple pole with neutral with four alluminium bars, 500V 400A having 50mm (Width) X 5 mm (Thickness) with 99.9 % aluminium purity as per E91E Grade & Current Density 0.8 A per sq. mm. compliance to IS 5082 and Enclosure fabricated with 16 SWG CRCA Sheet and epoxy paint with suitable number of ways and with SMC/DMC Insulators and accessories of suitable rating complete as per specification No CP-BB. CSR Item. No. 6-2-4.	4 Mtr.	9438.45	37753.80
4.	Supplying & Erecting Switch disconnector fuse (SDF) 415V,630A with enclosure four pole AC 23 A rated with terminal shrouds on both sides and phase barriers along with tetescopic shaft for depth adjustments and door interlock and padlock complying to IS/IEC 60947-3 Part 1/3 HRC- DIN type fuse switch, insulation voltage 1000 V with rotary handle for ON/OFF operation (without HRC Fuse). CSR Item. No. 5-1-37.	4 Nos.	28400.40	113601.60
5.	Supplying & Erecting terminal spreaders suitable for 4 pole, above 400A upto 630A MCCB (Set of 8). CSR Item. No. 5-11-9.	3 Set.	2856.00	8568.00
6.	Dismantling existing OCB,ACB,LBS,VCB complete from existing panel board in an approved manner. CSR Item. No. 5-12-3.	3 Nos.	1453.20	4359.60
7.	Supplying and erecting contactor for motor starter suitable for 300 H.P. to 350 H.P.	2 Nos.	32550.00	65100.00
8.	Supplying,erecting,Testing & commissioning on Delay Timer.	5 Nos	3045.00	15225.00
9.	Supplying,erecting,Testing & commissioning Under Voltage Relay.	4 Nos	12600.00	50400.00
10.	Supplying,erecting,Testing & commissioning Over Voltage Relay	4 Nos	14700.00	58800.00
11.	Service of expert charges for inspection checking of logic circuit and fault finding of LT Panels up to 11 kv for per panel like incomer feeder panel , Capacitor feeder panel, Motor feeder panel etc as per site condition. Item No 15-16-1.	1 Job.	6300.00	6300.00
12.	Supplying and erecting bank of All Polypropylene Capacitors with the standard capacities of 1,2,3,5,7, 12.5 , 15.20 and 25 KVAR units of power factor correction for operation on 3 phase, 50 HZ, 400 V +/- 10 % with externally discharging resistances, earthing terminals and built on angle iron on channel iron frame work and provided with terminal cover box complete erected and tested. MJP CSR Item. No. CP 1 Section 9- CP.	100 KVAR	428.40 408.00	42840.00 40800.00
	780550.20 Total		Rs.	782590.20
	140499.04 Add GST 18 %			140866.23
	921049.24		Total	923456.43
	one 921049.00		Say Rs.	9,23,456/-

(Rs. Nine Lac Twenty Three Thousand Four Hundred & Fifty Six Only)

Prepared by

S.S.Wankhade.

Sectional Engineer.
(Electrical)

Deputy Engineer

Lift Irrigation Mechanical &
Electrical Sub-Dn. No. 1 Bhandara.

(S.V.Nirkhe)

Deputy Engineer
Gate Mfg. & Erection
Sub-Division No.1, Akola.

Sanctioned Estimate No

EE/MD/AK/2025

Sanction for Rs 921049/- (Nine lakh Twenty one thousand four hundred and fifty six only)

Executive Engineer
Mechanical Division
Akola