

ABSTRACT

Name of Work: - Supplying & Erecting LED Street Light & Flood Light Fittings of Pump House & Repairs to Motor Feeder VCB Panel @ Khadakpurna L.I.S. Stage 1 Deulgaon Raja Distt. Buldh.

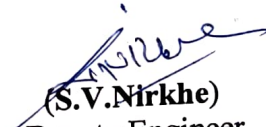
Sr. No.	Description	Qty.	Rate (Rs.)	Amount (Rs.)
1.	Supplying and erecting integrated LED Flood light fitting Max. 195 W IP 65 & IK 07 Class having pressure die-cast aluminium housing, having system lumens output of Min. 23400 Lumens min. efficacy of 120 lumen / W, CRI > 70, CCT upto 6500K, THD < 10 % , p.f. > 0.95 , opening range of 140-270V, inbuilt surge protection of 4 kv Life class of 50,000 Hrs. at L70B50, including driver with U Shaped bracket with 3 Years warranty as per specification no FG-ODF / FLS2. CSR Item. No. 2-4-18.	08 Nos. ✓	16638.30 ✓	133106.40 ✓
2.	Supplying and erecting integrated LED Flood light fitting Max. 120 W IP 65 & IK 07 Class having pressure die-cast aluminium housing, having system lumens output of Min. 14500 Lumens min. efficacy of 120 lumen / W, CRI > 70, CCT upto 6500K, THD < 10 % , p.f. > 0.90 , opening range of 140-270V, inbuilt surge protection of 4 kv Life class of 50,000 Hrs. at L70B50, including driver with U Shaped bracket with 3 Years warranty as per specification no FG-ODF / FLS2. CSR Item. No. 2-4-16.	16 Nos. ✓	10338.30 ✓	165412.80 ✓
2.	Supplying , erecting & terminating FR XLPE insulated, galvanized steel formed wire armoured (strip) cable 1100 V, 4 core 10 sq mm aluminium conductor complete erected with glands & lugs on wall/ trusses/ pole or laid in provided trench / pipe as per specification no CB-LT/AL. CSR Item. No. 7-1-28.	350 Mtr ✓	190.05 ✓	66517.50 ✓
3.	Supplying & Erecting triple pole and neutral distribution board (TPNDDB), 3 Pole / 4 Pole MCCB as incomer & outgoing SP MCB (36 poles) or TP MCB of 12 ways (36 poles), with door 1.2 mm thickness, surface /flush mounted on iron/GI frame (vertical busbar type) as per specification no SW-SER/ MCB DB1. CSR Item. No. 5-4-17.	3 Nos. ✓	10752.00 ✓	32256.00 ✓
4.	Supplying and erecting street light wall bracket made from 40 mm dia G.I. 1.2 m in total length complete as per specification No FG-BKT/BPC. CSR Item. No. 2-7-4.	12Nos ✓	863.10 ✓	10357.20 ✓
5.	Providing and erecting 3 pole MCCB 415 V 100A rated short circuit breaking Capacity 25 KA (ics = 100% of icu) adjustable thermal (overload) setting & adjustable magnetic setting with provided leads, provision for installation of shunt/UV/ Trip alarm contact MCCB with phase barriers on both sides insulation with stand capacity 800 V on line load bias in provided enclosure /panel as per specification no SW-SWR/MCCB. CSR Item. No. 5-5-1.	3 Nos. ✓	5574.45 ✓	16723.35 ✓
6.	Supplying and erecting integrated LED Street light fitting 100-110 W IP 65 & IK 08 Class having single piece pressure die-cast aluminium housing, having system lumens output of vMin. 11000 Lumens min. efficacy of 110 lumen / W, CRI > 70, CCT upto 6500K, THD < 10 % , p.f. > 0.95 , opening range of 140-270V, inbuilt surge protection of 10 kv Life class of 50,000 Hrs. at L70B50, including driver complete with 3 Years warranty as per specification no FG-ODF / FLS2. CSR Item. No. 2-4-8.	12 Nos. ✓	8559.60 ✓	102715.20 ✓
Repairs to Motor Feeder VCB Panels.				
1.	H.T. Bushing, 6.6 kV. Item No 3-41. as per Sanction Rates by C.E. Mechanical Nashik .	10Nos ✓	1533.00 ✓	15330.00 ✓
2.	Under Voltage Relay with setting from 60 to 117 volts with time lag setting. Item No 3-27-3. Sanction Rates by C.E. Mechanical Nashik .	3 Nos. ✓	27867.00 ✓	83601.00 ✓
3.	D.C. Fail Relay. Item No 3-27-5. Sanction Rates by C.E. Mechanical Nashik .	5 Nos. ✓	8360.10 ✓	41800.50 ✓
4.	DIN rail Item No 3-34. Sanction Rates by C.E. Mechanical Nashik .	50 Mtr. ✓	452.55 ✓	22627.50 ✓
5.	PVC Cable tray with cover Item No 3-35. Sanction Rates by C.E. Mechanical Nashik .	40 Mtr. ✓	557.55 ✓	22302.00 ✓
6.	52 Contactor. Item No 3-39. as per Sanction Rates by C.E. Mechanical Nashik	3 Nos. ✓	3483.90 ✓	10451.70 ✓
7.	Closing Coil, 110 V DC. Item No 3-36. as per Sanction Rates by C.E. Mechanical Nashik	5 Nos. ✓	10450.65 ✓	52253.25 ✓
8.	Tripping Coils, 110 V DC. Item No 3-39. as per Sanction Rates by C.E. Mechanical Nashik	5 Nos. ✓	8360.10 ✓	41800.50 ✓

	Replacement of Control Wiring of Breaker. Item No 3-42. as per Sanction Rates by C.E. Mechanical Nashik .	5 Nos.	1671.60	8358.00
	Supplying & erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/ trunking/ inside pole/ busbars or any other places as per specification no. WG-MA/BW.CSR Item. No. 1-3-2.	100 Mtr.	65.10	6510.00
11.	Supplying & erecting mains with 2x 4 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/ trunking/ inside pole/ busbars or any other places as per specification no. WG-MA/BW.CSR Item. No. 1-3-3.	150 Mtr.	93.45	14017.50
	Total		Rs.	846140.40
	Add GST 18 %			152305.27
			Total	998445.67
			Say Rs.	9,98,446/-

(Rs. Nine Lac Ninety Eight Thousand Four Hundred & Fourty Six Only)

Prepared by


B.V. Thakare.
Sectional Engineer.
(Electrical)


(S.V. Nirkhe)
Deputy Engineer
Gate Mfg. & Erection
Sub-Division No.1, Akola.

Technically Checked & found correct


(R.G. Vaidya)
Deputy Engineer
Lift Irrigation Mechanical & Electrical
Sub-Div No.1, Bhandara.

Sanction Estimate No. 36
DI/AK20 6-28 Dt. 13/07/2026
Sanctioned for Rs. 9,98,446/-
Rupees nine lac ninety eight thousand
four hundred forty six only.


Deputy Engineer
Mechanical Division, Akola