

ABSTRACT

Name of Work: - Supplying & Erecting LED Street Light & Flood Light Fittings of Pump House
@ Khadakpurna L.I.S. Stage 2 Deulgaon Raja Distt. Buldhana.

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.	450 Mtr ✓	190.05 ✓	85522.50 ✓
3.	Supplying & Erecting triple pole and neutral distribution board (TPND), 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 ics) 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 ✓
Total			Rs.	546093.45 ✓
Add GST 18 %				98296.82 ✓
			Total	644390.27 ✓
			Say Rs.	6,44,390/- ✓

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

Prepared by

B.V.Thakare.

Sectional Engineer.

(Electrical)

Technically Checked & found correct

(R.G.Vaidya)

Deputy Engineer

Lift Irrigation Mechanical & Electrical
Sub-Div No.1, Bhandara.

(S.V.Nirkhe)

Deputy Engineer

Gate Mfg. & Erection

Sub-Division No.1, Akola.

Estimate No. **37**
EE/IAK20 **6-27** Dt. **13/07/2026**

Sanctioned for Rs. **6,44,390/-**

Amount Six Lac Fourty Four

Thousand Three hundred ninety only.

Executive Engineer
Mechanical Division, Akola