

# ABSTRACT

Work :- Supply and erection of street light arrangement to Akola mechanical division and workshop campus Akola.

Sr No	Description	Unit	Qty	Rate	Amount
1	Supplying and erecting integrated LED street light fitting 70-75W IP65 & IK08 class having single piece pressure die-cast aluminium housing, having system lumens output of Min. 7700 Lumens, min. efficacy of 110 lumen/W, CRI>70, CCT upto 6500K, THD<10%, p.f. >0.95, operating 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-TLS2	Each	8	5945.00	47560.00
2	Supplying and erecting PVC insulated PVC round sheathed 2.5sq mm (50 no x 0.25 mm dia.) 3 core flexible multi stranded copper Industrial cable for voltage grade up to 1.1 kV	Mtr.	80	96.00	7680.00
3	Supplying & erecting FRP box of size 150 mm x 125 mm x 100 mm, 2.7 mm thick complete on pole wall as per specification No. CB-SB	Each	8	496.00	3968.00
4	Supplying, erecting & marking SPMCB 0.5A to 5A, C-series with rated short circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/NCB	Each	36	250.00	9000.00
5	Supplying, erecting & terminating FR XLPE insulated, galvanised 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	Mtr.	180	181.00	32580.00
6	Supplying and erecting ISI mark GI pipe 25 mm. dia. 'B' class at position with accessories complete as per specification no. CW-PLB/GP	Mtr.	15	339.00	5085.00
7	Making trench in Hard murum/Tar road having 0.75 m depth and minimum 0.3mtr width as per IS for laying provided cables up to voltage level 1.1Kv cable complete as per specification No. CW-EXN-CTR	Mtr.	180	199.00	35820.00
8	Supplying, erecting & marking DPMCB 40A to 63A, C-series with rated short circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/NCB	Each	8	713.00	5704.00
9	Supplying and erecting integrated LED flood light fitting Max. 100W IP65 & IK07 class having pressure die-cast aluminium housing, having system lumens output of Min. 12000 Lumens, min. efficacy of 120 lumen/W, CRI>70, CCT upto 6500K, THD<10%, p.f. >0.90, operating 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	Each	28	8246.00	230888.00
10	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V 2 core 4 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	Mtr.	90	113.00	10170.00
				Total Rs.	388455.00
				Add 18% GST Rs	69921.90
				Total Rs.	458376.90
				Say Rs	458377.00

(In Word Rs. Four lakh fifty eight thousand three hundred seventy seven only.)

Prepared By




S. S. Wankhade  
Sectional Engineer (Elect)

Checked By



(R.V. Pastapure)  
Deputy Engineer  
Regional Workshop  
Sub Division No1 Akola

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

Sanctioned Estimate no. -

EE/MD/AK/2015-16

Sanctioned for Rs. 458377/- (Four lakh fifty eight thousand three hundred seventy seven only.)

Executive Engineer,  
Mechanical Division,  
AKOLA