

ABSTRACT

Name of Work: - Supplying & Erecting LED Street Light Fitting on Existing Tubular Pole
(@ Popatkhed Project Distt. Akola.

Sr. No	Description	Qty.	Rate (Rs.)	Amount (Rs.)
1.	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.	20 Nos.	8559.60	171192.00
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.	950 Mtr	190.05	180547.50
3.	Supplying & erecting mains with 2x2.5 sq.mm FRLS copper PVC insulated wire laid in provided conduit /Trunking / inside pole/bus bars or any other places as per specification no WG-MA/BW. CSR Item. No. 1-3-2.	250 Mtr	65.10	16275.00
4.	Supplying and erecting street light bracket made from 40 mm dia B class G I pipe, 0.6 m in length along with pole cap of 300 mm length and 80 mm dia duly welded with provided leads as per specification No FG-BKT/BPC. CSR Item. No. 2-7-2.	20 Nos.	772.80	15456.00
5.	Making trench in hard murum/ tar road having 0.75 m depth and minimum 0.3 mtr width as per IS for laying provided cable up to voltage level 1.1 kv cable complete as per specification no CW-EXN-CTR. CSR Item. No. 16-1-2.	850 Mtr	208.95	177607.50
6.	Supplying , erecting & marking SPN MCB 0.5 A to 5 A, C Series with rated short circuit breaking capacity (Icn) 10 Ka in provided distribution board as per specification no SW-SWR / MCB. CSR Item. No. 5-3-1.	40 Nos.	262.50	10500.00
7.	Supplying & erecting ISI mark G I Pipe 50 mm dia C Class at position with accessories complete specification No CW-PLB/ GP. CSR Item.No.16-5-12.	80 Mtr	847.35	67788.00
8.	Making M 20 grade reinforced cement concrete foundation by considering the safe soil bearing capacity at site as 10 T/ sq m at 1.5 m depth including supply of steel, concrete, excavation and fixing provided nut bolts with the help of template, duly plastered as per design complete (for 9 m & 10 m high octagonal /conical GI pole). CSR Item. No. 16-3-10.	15 Nos.	5149.20	77238.00
9.	Supplying & erecting Water tight terminal box of cast iron of size 200 x 150 x 150 mm complete on pole as per specification No CBSB. CSR Item. No. 7-8-5.	20 Nos.	631.05	12621.00

10.	Painting of pipe pole up to 6 m length along with street light pole brackets , clamps etc by scrapping the existing paint complete as per specification No CW-PTG / PTP. CSR Item.No.16-4-2.	60 Mtr	65.10	3906.00
11	Painting of steel tubular/ rail / RSJ pole above 6 m length along with street light pole brackets , clamps etc by scrapping the existing paint complete as per specification No CW-PTG / PTP. CSR Item.No.16-4-3.	180 Mtr	88.20	15876.00
12.	Providing pipe type earthing with 40 mm dia G I Pipe or 20 mm dia G I Rod complete with all materials as per specification No EA-EP. CSR Item. No. 9-1-4.	20 Nos.	1575.00	31500.00
	Total		Rs.	780507.00
	Add GST 18 %			140491.26
			Total	920998.26
			Say Rs.	9,20,998/-

(Rs. Nine Lac Twenty Thousand Nine Hundred & Ninety Eight Only)

Prepared by



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Technically Checked & found correct


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lakh twenty thousand nine
hundred ninety eight only)


Executive Engineer
Mechanical Division
Akola