

ESTIMATE

Name of Work: Providing repair & maintenance to Street light on Existing Pole And High Mast at Palasgaon
Amadi L.I.S. Dist.- Chandrapur

Sr. No.	Qty	CSR No	Description of Item	Rate	Unit	Amount
1	120	7-1-29.	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 16 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	232.10	Mtr.	27852.00
2	40	7-1-28.	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	199.10	Mtr.	7964.00
3	16	2-4-16.	Supplying and erecting integrated LED flood light fitting Max. 120W IP65 & IK07 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, 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.	10830.60	Each	173289.60
4	3	2-4-14.	Supplying and erecting integrated LED flood light fitting Max. 70W IP65 & IK07 class having pressure die-cast aluminium housing, having system lumens output of Min. 8400 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.	6430.60	Each	19291.80
5	130	16-1-2.	Making trench of suitable width and depth in hard murum / tarroad for laying provided LT cable up to and including 16 sq. Mm complete as per specification no. CW-EXN-CTR.	218.90	Mtr.	28457.00
6	5	16-3-3.	Making cement concrete foundation including excavation (60 x 60 x 150) cm deep in 1:3:6 cement concrete 20 x 25 mm stone metal, (45 x 45 x 45) cm /45 cm dia. x 45 cm height plinth duly plastered, with necessary curing and finishing complete. (above 6 m to 9 m poles) CSR Item No.16-3-3	2236.30		11181.50
7	5	9-1-4.	Providing pipe type earthing with 40mm. dia. G.I. pipe or 20 mm dia. G.I. Rod complete with all materials as per specification no. EA-EP.	1650.00		8250.00

8	8	7-9-1.	Supplying & erecting crimping type copper lugs for cable up to 16 sq mm complete as per specification No. CB-CL/CU	25.30	Mtr	202.40
9	50	1-3-2.	Supplying and erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	68.20	Mtr	3410.00
10	20	5-3-1.	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/MCB	275.00	No.	5500.00
11	63	16-4-3.	Painting of steel tubular / rail / RSJ pole above 6.0 m length along with street light pole brackets, clamps etc by scrapping the existing paint complete. Specification no CW -PTG/PTP. CSR Item No.16-4-3	92.40	Mtr.	5821.20
			Total			291219.50
			Add 18 % Contingency GST			52419.51
			Gross Total			343639.01
				(I)Total Rs.		343639
In Words: Three Lac Fourty Three Thousand Six Hundred And Thirty Nine rupees only						

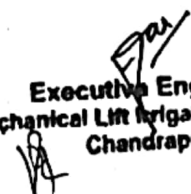
(B) Credit for Dismantaling

1	19	19-1-20	Dismantle Street/flood light fittings	61	Each	1159
2	20	19-1-2	PVC armoured/unarmoured cables and wires (Copper)	19	kg	380
			(II)Total Rs.			1539.00
			Net Total Rs.(I-II)			342100.01
			Say Amount			342100



Deputy Engineer
Lift Irrigt.Mech.& Elect.Sub
Division No.2., Chandrapur

Sanctioned Estimate No. 138 Year 22-23 Dt. 31/03/2023
Amount Rs. 343639.01 In Words Three lacs forty three thousand six hundred & thirty nine only,


Executive Engineer
Mechanical Lift Irrigation Dn No. 2
Chandrapur