

**PONDICHERRY UNIVERSITY
ELECTRICAL WING**

Schedule of Work

Name of the Work: Providing 6 nos. of 10mtr High Mast pole with LED flood lighting in Silver Jubilee Entrance Roundana at Pondicherry University.

Sl. No.	Description of Items	Qty	Unit	Rate	Amount
1.	Supply of hot dip galvanized swaged tubular pole of thick 4.5mm with ring arrangements, without any circumferential weld, high mast of 10mtr height. Suitable for fixing 6 nos. LED fittings, base plate, inbuilt terminal box foundation plate/bolts etc as required. High mast pole specification.(mm) 193.7 x 4.5 x 3000 165.1 x 4.5 x 2750 139.7 x 4.5 x 4250 Bracket 48.3 x 3.25 x Ring arrangement Base plate 350mm x 350mm x 16mm Foundation bolt 25mm dia rod x 750mm x 4nos.	1 set	Each		
2.	Design of foundation for 10mtr high mast suitable for 6nos. of luminaries- Earth work excavation - 3Cum; PCC-0.15Cum; Reinforced (steel) 10mm dia for mat-12Kg, for column 12mm dia -16Kg, 8mm -7Kg, PCC (1:2:4)-0.65Cum; with foundation bolts/nuts/washer and anchor plate, template suitable for existing 10mtr high mast.	1 job	job		
3.	Supplying, installation, testing and commissioning of 230V, 140W LED flood light fitting (IP 65) in the existing high mast. Make:Philips, Bajaj, Havells.	6 nos.	Each		
4.	Installation, erection and commissioning of 10mtr high mast, 6 nos. of LED fittings including 4 core 2.5sqmm flexible wiring , fixing of luminaries, MCB, lighting arrester etc.,	1 job	job		
5.	Earthing with G.I earth plate 600mm x 600mm x 6mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc., with charcoal/coke and salt as required.	2 nos.	Each		

6.	Providing and laying G.I tape 32mm x 6mm thick from earth electrode directly in ground as required.	25 mtr	mtr		
7.	Supplying and laying in the existing HDPE pipe of 1.1KV grade XLPE PVC sheathed aluminium conductor armored cable of size 4 core x 16sqmm with ISI mark. Make:Polycab/Havells/Universal/Finolex.	50 mtr	mtr		
8.	Supplying and laying of 50mm OD, (2.9 wall thick) double wall corrugated HDPE pipe in ground complete with end couplers including trenching (upto 75 cm deep) and refilling and making good surface to the original finish complete etc., as required.	50 mtr	mtr		
9.	Supplying and making end termination with brass compress gland and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1KV grade as required. a) 4 x 16 sq.mm	2 nos.	Each		
				Total	

Terms & Conditions:

1. The work shall be carried out strictly in accordance with CPWD General Specifications for the Electrical works as amended up to date.
2. Prior approval of the Engineer in charge is required for all the materials to be used on works. Non- standard quality materials shall not be acceptable.
3. Bad workmanship shall not be accepted. Such work is liable for rejection and shall be rectified by the contractor at his own risk and cost.
4. Payment will be arranged after satisfactory completion of the work.
5. Amount will be arrived on the actual works done basis.
6. The work should be carried out immediately on receipts of this work order.
7. The rate for each item of work to be quoted in the enclosed schedule of work format only otherwise, the quotation in any other format is considered as invalid quotation.
8. The work should be completed within one month from the date of issue of the work order.
9. **Your quotation shall be accompanied with tender document Rs.500/- and EMD for an amount of Rs.3,500/- in the form of a DD drawn infavour of "Finance officer, Pondicherry University" payable at Pondicherry.**

**Name and signature of the Firm/
Contractor with Seal.**

ASSISTANT ENGINEER(E)