

**PONDICHERRY UNIVERSITY  
ELECTRICAL WING**

**SCHEDULE**

Name of the Work : Installation of High Mast Light in Silver Jubilee Campus at  
Pondicherry University.

Sl. No.	Description of Materials	Qty.	Unit	Rate	Amount
1.	Supply of hot dip galvanized flange mounted type polygonal tapered type high mast of 16 mts mounting height in 2/3 piece construction without any circumferential weld, complete with 2/3 point suspension system, head frame canopy, stainless steel wire rope to carry up to 6 nos, of luminaries, mounting brackets and accessories, 1 unit winch 2 length 8cX2.5 sq.mm flat electric cable, complete with foundation bolts / nuts / washer and anchor plate, template. Non-flame proof power tool complete with held control panel and 3 phase reversible motor. <b>(As per specification enclosed) - make : Bajaj / Philips / CG.</b>	1 no.	Each		
2.	Supply and fixing of hot dip galvanized lightening arrester including 25wCFL aviation light.	1 no.	Each		
3.	Assembly, installation and erection supervision of 16 mts, high mast suitable for 6 nos. of luminaries including wiring, fixing of luminaries, CG box aviation light and lightening arrester etc.,	1 no.	Each		
4.	Design of foundation for 16 mts high mast suitable for 6 nos. of luminaries - Earth work excavation - 9.26 Cum; PCC-0.66Cum; Reinforced (steel) 12mm mat-59.67 Kg, 10mm mat-41.46Kg, for column 16mm dia - 36.95 Kg, 24mm dia - 25.57Kg, 8mm-21.8 Kg, PCC (1:2:4) - 4.13 cum; sand filling - 4.47 Cum, C/S for column - 9.36 Cum with 1 no. 50mm dia cable entry G.I pipe of 1.5m long.	1 no.	Each		
5.	Earthing with G.I earth plate 600mmX600mmX6mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc., with charcoal /coke and salt as required.	2 set	Set		
6.	Providing and laying G.I tape 32mmX 6mm from earth electrode directly in ground as required.	40 mtr	Mtr		

7.	Supply and fixing of heavy duty asymmetrical beam flood luminaries with rear opening, suitable for elliptical / tubular up to 2 X 400W metal halide fitting suitable for Twin lamp, consisting of cast aluminium housing painted black, anodized aluminium faceted reflector assembly, toughened clear glass cover with stone enameled mounting bracket and aiming disc, with control gear box and twin lamp - <b>make : Bajaj / Philips / CG.</b>	6 nos.	Each		
8.	Supplying of 1.1KV grade PVC sheathed aluminum conductor armored cable of size 4 core X 25 sq.mm with ISI marks - <b>make : Universal / Finolex / Polycab / Havells</b>	350 mtr	Mtr		
9.	Laying of one number PVC insulated and PVC sheathed XLPE power cable of 1.1 KV grade, size not exceeding 25 sq.mm direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc., as required.	300 mtr	Mtr		
10.	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size exceeding 25 sq. mm but not exceeding 400sq.mm in the existing RCC/HUME/STONEWEAR/METAL/ON SURFACE as required	50 mtr	Mtr		
11.	Supplying and making end termination with brass compression gland and aluminium lugs for 4X25sq.mm size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1KV grade as required.	2 nos.	Each		
12.	Supply, Errection and testing of cubicle floormounting out door feeder pillar box (IP55) for high mast with following component in built forward/reverse bush button station arrangement for motor operation aluminium bus bar arrangement provided for incoming cable and outgoing Elmex connector provided panel shell made out of 14 swg/16swg CRCA sheet with powder coating panel dimension 1575mm(high) X 500mm (Breadth) X 250MM Dept. Note single line diagram and Technical features will be given inside the panel for reference.	1 set	Set		
<b>TOTAL</b>					

Name of the Firm / Supplier with seal

Assistant Engineer(E)

