

**PONDICHERRY UNIVERSITY
ELECTRICAL WING**

SCHEDULE OF WORK

Name of the Work: Replacing the damaged street light fittings and poles in the Pondicherry University campus.

Sl. No	Description of Items	Qty	Unit	Rate	Amount
1.	Supplying and replacing the existing fitting from the 30feet street light pole with SV lamp, including connection, installation, testing and commissioning the fitting etc., as required.(SV lamp fitting shall be of Phillips cat no. SGP325 1XSONT250W FG 1 x SON-T250W, Crompton Greaves cat no.SSGP 250W HPSV (T), Bajaj cat no. BGEST 250 SV IP66 LH WOB HPSV T 250W)	200nos	Each		
2.	Supplying and replacing the existing fitting from the 20feet street light pole with SV lamp, including connection, installation, testing and commissioning the fitting etc., as required. (SV lamp fitting shall be of Phillips cat no. SGP401 1xSONT-150W 1xSONT150W, Crompton Greaves cat no. SSGT1115IH/G 150W HPSV, Bajaj BGEST 150SV IP66 FFG complet.).	60nos.	Each		
3.	Supply of 9.5mtr M.S steel Tubular swaged street light poles (6" x 5" x 4") including 50mm single arm bracket at top as suitable for fixing street light fitting and square plate of size 300mm x 300mm welded at the bottom including one coat of zinc chromate primer and two coat of aluminium paint with suitable arrangement for cable looping box fixing and providing holes for wiring as required (<u>As per drawing shown</u>). - FIGURE 1	10nos.	Each		
4.	Supply of 6mtr length and 3" dia M.S steel Tubular street light poles including 40mm single arm bracket at top as suitable for fixing street light fitting and square plate of size 300mm x 300mm welded at the bottom including one coat of zinc chromate primer and two coat of aluminium paint with suitable arrangement for cable looping box fixing and providing holes for wiring as required (<u>As per drawing shown</u>). FIGURE 2	10nos.	Each		
5.	Erection of metallic street light pole of following length in cement concrete1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required. Above 8.0 metre and upto 10.0 metre	20nos.	Each		
6.	Providing and making steel pole collar with cement concrete (1cement: 3 coarse sand: 6 stone aggregate 20mm) of specified size and	10cum	cum		

	shape including form work, plastering if required, curing etc as required. (Volume of pole/ pipe not to be deducted)				
7.	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the street light pole from fitting to looping box as required. Wire Make: Polycap / RR Kable. a. 2 x 2.5sq mm	2000m	mtr		
8.	Supplying and fixing SMC cable looping box of size 300mm x 200mm x 100mm depth with 2nos. 4 way SMC terminal blocks and 2 no. 16A porcelain Kit-kat fuse unit as required. Make: Sintex, Devi.	25nos.	Each		
9.	Supply of following size of XLPE insulated, sheathed armoured UG aluminium conductor power cable 1.1 KV grade as required. (make: Polycab, Havells) a. 4 x 25 sq mm.	500mtr	mtr		
10.	Laying of one number PVC insulated and PVC sheathed armored aluminum conductor power cable 1.1 KV grade of size 4 x 25 sq mm direct in ground i/c excavation sand cushioning protective covering and refilling the trench etc as reqd.	250mtr	mtr		
11.	Excavation the loose cable under the street light pole for end termination and laying the loose cable with sand cushioning protective covering and refilling the trench etc as required.	100mtr	mtr		
12.	Supplying and making end termination with brass compress gland and aluminum lugs for following size of PVC insulated and PVC sheathed/XLPE alu conductor cable of 1.1kv grade as required. a. 4 x 25 sq mm.	100nos.	Each		
13.	Supplying and making cable route marker with cement concrete 1:2:4(1 cement: 2 coarse sand: 4 Graded stone aggregate 20 mm nominal size) of size 30cm x 30cm at the bottom with 35mm x 35mm x 6mm iron angle 60 cm long and 10cm x 10cm x 6mm thick GI plate mark of (PU LT CABLE) fixed in the iron angle as required.	100nos.	Each		
		Total			

