

**PONDICHERRY UNIVERSITY  
ELECTRICAL WING**

SCHEDULE OF WORK

Name of Work: Replacement of Solar Photovoltaic Street Lighting Accessories in the University Campus.

S. No	Description	Qty	Unit	Rate	Amount
1	<p>Supplying, installation, testing and commissioning of MNRE approved following capacity Monocrystal Solar Photovoltaic panel complying the following specification in the existing street light pole including fasteners etc. as required.</p> <p>PV Panel wattage : 74 Wp Panel Voltage at mpp : &gt; 17V Fill Factor : &gt; 70%</p>	3 nos.	Each		
2	<p>Supplying, testing and commissioning of Solar Street light fitting in the existing street light pole with inverter kit of pulse width modulator type suitable for 11 W CFL/LED, CFL holder, reflector, LDR, LED indicators for battery charging low or high, battery over charge cut off, battery low voltage cut off, protection fuse unit housed in an enclosure made of ABS plastic including supply of 11 Watt Philips make 4 pin type CFL/LED, suitable high quality multistrand lead coated wire to connect battery , inverter circuit and lighting, making connection etc. as required.</p>	30 nos.	Each		
3	<p>Supplying, installation of battery box of made of ABS Plastic (Acrylonitrile Butadiene Styrene) reinforced suitably to accomodate battery ( Exide 6LMS 40 L) in the existing steel pole with locking arrangement including welding works, supply of clamps, supporting angle, fasteners and 5 lever godrej brass lock etc. as required. Battery box size : 425mm L x 200mm Width x 300mm height</p>	30 nos.	Each		
4	<p>Supplying, testing and commissioning low maintenance tubler lead acid type battery of following capacity. Capacity: of 12V, 40AH Make: Exide ; Model: 6LMS 40 L</p>	30 nos.	Each		
<b>Total</b>					

CONTRACTOR / SUPPLIER

ASSISTANT ENGINEER(E)