



PONDICHERRY UNIVERSITY
ELECTRICAL WING

V.MOUROUGAVELOU
ASSISTANT ENGINEER(E)

R.V. NAGAR, KALAPET,
PUDUCHERRY 14.

Ref: PU/ELW/Solar/14-15/


12/01/2015

To

Sir,

Sub: Supply, installing, testing and commissioning of 75Wp solar panel and 850KVA/12V solar hybrid grid UPS for use in Gate-I room at Pondicherry University campus - Reg.

Your quotation is hereby invited in sealed cover for Supply, installing, testing and commissioning of 75Wp solar panel and 850KVA/12V solar hybrid grid UPS for use in Gate-I room at Pondicherry University campus as mentioned in the schedule enclosed. The sealed quotations have to be placed in the Tender box kept in the Reception Counter at Administrative block on or before 29/01/2015 at 3.00pm and it will be opened on the same day at 3.30Pm.


Assistant Engineer(E)
13/1/15

Encl : As stated

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Schedule of Work

Name of Work: Supply, installing, testing and commissioning of 75Wp solar panel and 850KVA/12V solar hybrid grid UPS for use in Gate-I room at Pondicherry University Campus.

Sl. No.	Description	Qty	Unit	Rate	Amount
1.	Supply installing testing and commissioning of 75Wp Monocrystal solar photovoltaic panel with self supporting steel angle to install it on steel pole/floor complying the following specification, Rated power (P_{max}) -75Wp Rated Voltage (V_{max}) - 17V Rated Current (I_{max}) - 3.95A Open circuit voltage (V_{oc}) - 21V Short circuit current (I_{sc}) - 4.22A Fill Factor - > 70%	4 nos.	each		
2.	Supply installing testing and commissioning of 850VA/12V solar hybrid grid connected UPS with following specification, i) The solar hybrid UPS should be operated on both solar power as well as grid power. ii) Should be integrated with an in-built 15A solar charge controller that should enable the conversion of solar power to electricity. iii) The UPS should always give preference to solar power while charging the battery. iv) Display: The UPS should have informative LCD display for use and to understand the functionalities of the system. The following function has to be displayed in the LCD display. Battery charging system on/off, battery charging level, output load in percentage and various other	1 no.	each		

	system status. v) Certificates: It should be MNRE approved and IE certificate.				
3.	Supply installing testing and commissioning of 100Ah/12VSMF battery. Make:i) Exide model:6SGL100 ii)Amaraon Quanta model:12SL100.	1 no.	each		
				TOTAL	

Terms and Conditions

- 1) The solar panel should carry minimum warranty of 5years warranty certificate UPS should have one year warranty MNRE and IE approved certificate should be submitted along with supply of accessories.
- 2) The peripherals should be supplied and installed within 15 days from the date of receipt of work order.
- 3) The payment will be made only after supply installing and commissioning of the system.
- 4) 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.
- 5) The materials rates quoted shall be inclusive of all charges on Freight, Excise duty, Sales Tax etc.,

Name and signature of the Firm/Agencies
with Seal.


ASSISTANT ENGINEER(E)