Office of the Dean Research and Development
Indian Institute of Engineering Science & Technology (IIEST), Shibpur
Howrah-711 103

Project Code: DRC/ADPL-OTH/CEGESS/HS/004/16-17

Centre of Excellence for Green Energy & Sensor Systems
Indian Institute of Engineering Science & Technology (IIEST), Shibpur
Howrah-711 103

Notice Inviting Quotations

Sealed quotations are invited for the supply of

Item 1. Solar PV Module for charging 48V Battery Bank in three wheeler Electric Rickshaw.

as per the following technical specification. The technical specification can be downloaded from the website. The document can be also obtained from the Centre of Excellence for Green Energy & Sensor Systems (contact: Prof. H. Saha) between 10.00 a.m. and 6.00 p.m. on all working days. The invitation is valid for 7 working days from the date of publication of this notice.

Dean (R & D)

(A. Code DRC-T095/17-18)

SECTION I: <u>TERMS & CONDITIONS</u>

1. The last date of receipt of quotation is valid **for 7 working days** from the date of publication of this notice**.** Quotations received later will not be entertained under any circumstances.

2. Potential supplier are to submit the quotations in Sealed Cover to the Centre of Excellence for Green Energy & Sensor Systems in the following address:

   Prof. H. Saha
   CEGESS
   IIEST, Shibpur
   Howrah-711103, India

3. Item name must be mentioned on cover.

4. The price quoted should be inclusive of all Taxes in INR, duties and levies. Inclusion of Tax/Levy at a latter stage will not be accepted. Freight, Insurance charges should be clearly indicated. If GST is chargeable then price quoted should be inclusive of GST in INR.

5. Vendor should have proven track record of supply in IIEST, IIT, NIT, IISc.

6. Commercial Papers duly signed & must be attached.

SECTION II: TECHNICAL SPECIFICATIONS :-

Item 1.

Solar PV Module for charging 48V Battery Bank in three wheeler Electric Rickshaw

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Power - 300 Wpeak
Open Circuit Voltage (Voc)- 70V
MPP Voltage (Vmp) - 65V
Short Circuit Current (Isc) - 5A
MPP Current (Imp) - 4.5A
Efficiency = 15%

All parameters at standard test condition Solar insolation = 1000W/sq-m, temperature = 25 degree Celsius

No. of pieces - 5 (five) NOS.