

**Indian Institute of Technology Kanpur**  
**Department of Mechanical Engineering**

Enquiry No: Enq/IITK/ME/JB/08

Opening Date: 22/11/2016

Closing Date: 02/12/2016 (5pm)

Sealed quotations (in two separate envelopes marked separately as "Technical Bid" and as 'Financial bid') are invited for the solar data logger kit as per the specifications and terms and conditions listed below.

**Specifications for solar data logger kit:**

- Kit should include Pyranometer & Input Leads, data logger, fused voltage input leads, DC current probe sensor with clamp/CT, USB lead, 12Vdc Power Supply Unit, associated software, calibration authorized certificate of all input equipments and a carrying case.
- Parameters to be measurement- Irradiance, DC Voltage & DC Current
- Minimum and maximum time resolution- 20ms
- Measurement range of pyranometer- up to 1500W/m<sup>2</sup>
- Irradiance measurement of fine accuracy (within  $\pm 1$  W/m<sup>2</sup>)
- Voltage measurement range: 1 to 300Vdc
- Voltage (DC) measurement accuracy: 100 mV
- Current measurement range: 0-30 Amp
- Current measurement accuracy: 5 mA
- Memory storage type- Memory stored in PC
- Communications Interface type- USB

**Terms and Conditions:**

1. Quotation must be valid for 60 days.
2. All parts corresponding to the quotation should be from a single manufacturer for compatibility and maintenance.
3. Vendor should clearly mention type of services i.e. preventive/breakdown.
4. Any compliance claimed should be supported with the necessary data sheet.
5. Free warranty period and also extra cost if any required for attaining 3 years warranty from the time of installation should be mentioned.
6. The Unit Prices should be quoted for every component and the prices can be in INR or in valid foreign currencies (e.g. US Dollar, Euro, GBP etc) whichever is minimum. For INR quotations, delivery should preferably be up to IIT Kanpur. For foreign currency quotations rates must be for CIF New Delhi. Sales Tax, VAT and any other applicable charges should be mentioned.

7. Installation and maintenance charges should be mentioned. This should not be bundled in product pricing.
8. Delivery should be at IIT Kanpur and period should not be more than 8 weeks.
9. IIT Kanpur is exempted from excise duty.
10. IIT Kanpur is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%).
11. Quotation should be made in two parts: Technical bid and Financial bid separately in sealed envelopes. Financial bids for products whose technical bid is not acceptable will not be opened. Any quote where the financial bid is included in the technical bid will be summarily rejected. The sealed envelopes with the quotes should be super scribed with the Inquiry number and whether it is a technical or financial bid. Any technical bid wherein only the above specified points are copied and no details about the suppliers own system are given will be summarily rejected. The supplier should necessarily give all the specifications of their own system with pictures and technical literature about their system. If the product is proprietary, a proper certification from the recognized authorization to that effect must be made. Authorization certificate from the Principal manufacturer should accompany the technical bid.

Please send your quotations (Technical and Financial) to the following address.

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India

Indenter:  
Jishnu Bhattacharya  
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