

**Department of Mechanical Engineering**  
**Indian Institute of Technology Delhi, New Delhi**  
**Purchase of Flexible heat flux sensors and digital display**

Dated: 30/9/2011

Quotations are invited for the purchase of a flexible heat flux sensor and a digital display which converts voltage signal to heat flux. The technical requirements and terms and conditions are given below:

**Heat flux sensor:**

1. Heat flux sensor should be very flexible and should be able to place on curved surface.
2. Heat flux measurement range: 1 to 10 kW/m<sup>2</sup>
3. Thickness of the heat flux sensor should not be more than 0.1mm.
4. The maximum size of the heat flux sensor should not exceed 30 mm x 30mm (width x length).
5. Calibration certificate should be provided.
6. Heat flux sensor should be able to withstand up to 300°C.
7. Accuracy of the measurement of should be within  $\pm 1$  %
8. Sensitivity: up to 2mV/(W/cm<sup>2</sup>)

**Digital display:**

The digital display should display the heat flux value.

**Terms and conditions:**

1. Please quote prices at CIF IIT Delhi inclusive of all taxes, freight, delivery, installation and onsite training charges.
2. Delivery period: within 2 weeks from the date of supply order.
3. **Warranty: at least 1 years**
4. Technical document and customer support to be provided free of charges.
5. The quotations must have validity of at least three months.
6. The products will be used for educational purposes. Any applicable academic institution discounts should be offered and stated.
7. If the bidder is an authorized dealer of any manufacturer, the authorized Indian dealership certificate from the principles should be enclosed. Similarly, proprietary certificate for proprietary items should be provided.
8. Authorities of IIT Delhi reserve the right to reject any or all quotations without assigning any reasons.
9. The quotation should provide the total price of the system including all taxes and transportation charges.

Kindly submit your bids on or before 9.10.2011 to the address given below or may send the bids to the e-mail id: **prem@mech.iitd.ac.in**

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