

Indian Institute of Technology, Kanpur
Department of Mechanical Engineering

Tender Document

Sub: ENQUIRY LETTER FOR HOT-FILM SENSORS

Tender Enquiry Number: IITK/ME/PRJ/2022-23/03

Enquiry Date: 2.03.2022

Closing Date: 15.03.2022

Opening Date: 16.03.2022

Quotations are invited for the above-mentioned subject as per the technical specifications given below:

Specifications

1. A hot-film sensor that works with a constant-temperature hot-wire anemometer is required for measurement of wall shear stress.
2. The sensor should have provision to mount it flush with a wall.
3. Working fluid: water, water+glycerine, or similar non-corrosive liquids,
4. Bandwidth: the sensor should be able to respond to wall shear stress fluctuations in 0-5 kHz or wider frequency range.
5. Probe cold resistance: 5-15 Ohm,
6. Sensor material: Nickel or similar,
7. Sensor dimension: smaller than 1 mm desirable,
8. Operating temperature range: 0° to 50°C,
9. Operating pressure: 0.5 bar to 5 bar (absolute),
10. All accessories must be included.
11. Quantity: two sensors.

Note: The Quotation should reach the undersigned on or Before 5 Pm on 15th March 2022.

Indentor Details:

Dr. Pranav Joshi,
Assistant Professor,
Department of Mechanical Engineering
Indian Institute of Technology, Kanpur-208016
Contact: 0512 259 2023, Email: jpranavr@iitk.ac.in

Terms and Conditions:

1. Quotation should be offered through email (jpranavr@iitk.ac.in)
2. Maximum discount should be offered.
3. Quotations should be valid for minimum 90 days
4. Delivery period will be 6-8 weeks after receipt of purchase order.

5. IIT Kanpur is fully exempted from payment of GST on Imported Goods against our DSIR certificate.
6. IIT Kanpur is partially exempted from payment of Customs Duty (We will provide Custom Duty Exemption Certificate, CD applicable is 5.5%).
7. Manufacturer authorization certificate from principal company is required if you are a local supplier
8. Include Preparatory Item Certificate if applicable.
9. The Institute reserves the right of accepting or rejecting any quotation or bid without assigning any reason thereof.
10. All prices should be mentioned F.O.B/CIP/CIF New Delhi or Destination at IIT Kanpur.
11. Payment Terms: 100% after supply of the materials.
12. Bidder must clearly mention their contact details with address and email ID.



Signature

Dr. Pranav Joshi