

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

**Tender Document**

**Sub: ENQUIRY LETTER FOR FLOWMETER**

Tender Enquiry Number: IITK/ME/KMD/2023-24/01

Enquiry Date: 18.12.2023

Closing Date: 29.12.2023

Opening Date: 30.12.2023

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

**Flowmeter (Qty:01)**

1. Measuring method: ultrasound.
2. Clamp-on sensor, dry coupling, no couplant should be required.
3. Sensor should be able to work with various kinds of plastic tubes.
4. Flow range: 0 –12 lit/min.
5. Tube diameter: 11±1 mm ID, 15 mm±1 OD.
6. Operating pressure: up to 2 bar absolute.
7. Response time: 10 ms or lower.
8. Accuracy: ±2% of the reading or better at flow rates greater than 1.2 lit/min.
9. Working fluid: water, water+glycerin+xanthan gum solution.
10. Operable in ambient temperature 15°C to 50°C.
11. Output: 0-10 V DC or 4-20 mA desirable.
12. Calibration data for the mentioned working fluids must be provided. The exact composition of the working fluid will be shared with the supplier for calibration purposes.
13. All accessories such as cables, power supply, adapters, signal conditioner, etc. must be supplied.

**Note: The Quotation should reach the undersigned on or before 5 Pm on 29<sup>th</sup> December, 2023.**

**Terms and Conditions:**

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

*K Muralidhar*

18-12

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