

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Enquiry No: SB/PHY/NC/05122017

Tender Enquiry for Liquid nitrogen level sensor with measuring meter

Separate Technical and financial quotes for liquid nitrogen level sensor with meter is invited from suppliers.

The technical and financial bids have to be supplied in two separate sealed envelopes.

The liquid Nitrogen level sensor desired should have the following specifications.

Active sensing length required: 1150 mm

Supplier should provide detailed drawings of the sensor indicating all lengths and dimension

OD of sensing tube : ¼ inch or ½ inch preferable (if not possible only then 3/8th inch)

Material : Stainless steel

Accuracy of level sensing : 1mm or better

Alarm option: Alarm should be available for setting for low and high liquid levels

The level sensing should be fairly rapid in order to detect rapid boil off in the cryostat. Some numbers should be provided to indicate how fast changes in the liquid level are sensed by the sensor.

Interface : GPIB

Suitable termination on the sensor rod should be provide at a later stage for mounting the sensor into the cryostat at no extra charge. This should also be specified in the tender document. The sensor will be mounted on a flange of a cryostat containing liquid Nitrogen.

Cable length : 3- 5 feet.

Meter should be rugged design and should handle 220 – 240 V, 50 Hz input AC power.

Provide a list of upto 10 contacts (with email ID's) where the item has been supplied (national preferred and international only if necessary).

Any disclosure of price in the technical bid will lead to disqualification of the bid.

Reputed firms and firms who are the primary suppliers will be considered favorably.

Terms and Condition:

* Financial bid should show price break up.

*All the taxes need to be clearly specified in the quotation

*Transportation conditions such as FOR/Ex-works/To & Fro charges should be clearly mentioned in the quotation

- *Delivery period should be clearly mentioned
- *Price Quotation should be valid upto 31st August 2017

Since we are an academic institution, your offer must consider Institutional/Educational discount. Please send sealed offers latest by 31st May.2017 in favour of Prof. Satyajit Banerjee, Department of Physics, IIT Kanpur. Kanpur – 208016, Uttar Pradesh.

Please mention the tender number and the item being quoted for on the top of the envelope.