

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

No. Phy/NITK/2017/131 / 269

Dated: 17/01/18


M/s Institute website

**Sub: INVITATION OF QUOTATIONS FOR MEMS CANTILEVER BASED SENSING INSTRUMENT.**

1. You are invited to submit your most competitive quotation for the following goods:

Sr.No.	Brief Description & Specifications of Goods	Quantity
1.	MEMS Cantilever Based Sensing Instrument  (Detailed Specifications are attached)	01 Nos.

2. Necessary literature of the goods may please be sent to facilitate to take decision.
3. All duties taxes and other levies payable by the Institute shall be included in the total price. This Institute does not issue Form C or D.
4. Payment will be made Online through RTGS/NEFT within 30 days after receipt of material in good condition and according to specifications. The Bank detail for making online payment may be indicated in the quotation.
5. The supplier shall deposit Earnest Money alongwith the Quotation amounting to Rs. 30000 /- in shape of Accounts Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee from any commercial Bank in favour of the Director, National Institute of Technology, Kurukshetra. The Quotations without Earnest Money shall be rejected, the EMD will remain valid for a period of 45 days beyond the final validity period of quotation.
6. Performance Security @ 05% of the total value of the equipment may be furnished in shape of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any Commercial Bank in favour of the Director, NIT Kurukshetra valid upto 60 days after the date of completion of warranty .
7. The items must be supplied within delivery period or delivery period extended by the Institute on the request of the supplier on genuine grounds otherwise the penalty for delayed period @ 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%..
8. The goods are required exclusively for Research Purpose. The Duties are not payable by the Institute.
9. The quotation should remain valid for a period not less than 60 days from the date of submission.
10. The firm must have got **GST No.** printing on their quotation
11. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.
12. The due date for receipt of quotation is **01.02.2018** and will be opened on next working day. Please quote on the top of the envelope our Ref. No. and due date of opening.

  
Consultant (Stores)

### Specification for MEMS Cantilever based Sensing Instrument

- Integrated MFC's Flow Rate: 1-100 ml/min - Calibrated for N2
- Temperature Control: Room Temperature to 80 °C (Head Space Vial and Reaction Chamber)
- Temperature Resolution: 0.1 °C
- Inbuilt Graphical LCD Display: 5.7"
- Internal memory for data logging (CSV format)
- Keypad based User Interface
- Standalone and software controlled mode with necessary software
- 3 to 4 channel cantilever sensor- piezoresistive and functionizable

#### Inclusions:

- 10 Cantilevers dies mounted on PCB
- User and Lab Manual (1 nos. each)
- Software CD with demo video (1 nos.)
- Vials e. Flight Case (1 nos.)
- Installation & Training Charges
- Warranty: 1 year

*Handwritten signature and date: 13/9/17*

*Dr. R. P. Chauhan*  
13/9/2017

*Dr. C. R. Masiappan*

*Dr. Ashwani Kumar*

6. Performance Security of 10% of the total value of the equipment may be furnished in shape of Demand Draft, Bank Cheque, Bank Guarantee from any Commercial Bank in favour of the Institute. The Contractor shall deposit the same within 30 days after the date of completion of warranty.
7. The contractor shall supply within delivery period or delivery period extended by the Institute on the request of the Institute on genuine grounds otherwise the penalty for delayed period of 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%.
8. The price is not subject to change for research purpose. The Duties are not payable by the Institute.
9. The quotation should remain valid for a period not less than 60 days from the date of submission.
10. The firm will have to give 50% printing on their quotation.
11. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.
12. The due date for receipt of quotation is 01.02.2018 and will be opened on next working day. Please quote on the top of the envelope our Ref No. and the date of opening.

*Consultant (Stores)*