

**Indian Institute of Technology Kanpur**  
**Department of Mechanical Engineering**  
Enquiry letter for  
**'Impedance Tube System for Acoustic Material Testing'**

Enquiry number: SB/ME/2016-17/01

Date: 17/08/2016

Sealed Quotations from prospective vendors are invited by Department of Mechanical Engineering, IIT Kanpur for **Impedance tube system for sound transmission loss measurement.**

The impedance tube must have the following specifications. The details of requirement are mentioned below. The rate should include all taxes, accessories, spares and initial calibrations.

Sl. No.	Component	Specifications	Quantity
1	Impedance tube	100 mm dia.	1
2	Power Amplifier	50 W	1
3	1/4" Microphone with preamplifier	1/4" pressure-field	4
4	DAQ card	With 4 ICP input channels and 2 signal output channels	
5	BNC to BNC cables	5 m	1
6	BNC to SMB cables	5 m	1
7	cable of banana connectors	2m	1
8	Microphone calibrator	1000Hz, 114dB calibrator, Type 2, with adaptor for 1/2" and 1/4" microphones	1
9	DAQ software	For measurement of sound absorption and transmission loss.	Single user

**Terms& Conditions:**

1. All quotation must reach undersigned by August 22, 2016, 5 P. M.
2. Supplier/Vendors should submit technical and financial bid together in separately sealed envelopes.
3. Only Manufacturer/Authorized Suppliers may quote.
4. Quotation should carry proper certification like agency and/or proprietary certificate, etc.
5. Evaluation will be done on the basis of technical specifications format provided as per our tender notice.
6. Financial bid will be open only for those, who meet T&C and tender technical specification.

7. The format for specification is same as provided in tender sheet for supplier/vendors for submitting technical specification in their own letter heads.
8. Please do mention tender number clearly on envelope.
9. Please send the name and contact details of the person to whom company had supplied similar systems. Committee may ask for the feedback.
10. The supplier must have supplied systems to institutions of national and/or international repute.
11. Normal payment terms for the Institute will be applicable (90% on delivery of the items and remaining 10% after satisfactory installation/inspection)
12. Warranty/Guarantee should be clearly mentioned. The warranty must start from the date of installation at IITK.
13. Quotation should carry proper authorization certificate from manufacturer.
14. Validity of quotation should be at least for 60 days.
15. Maximum educational discounts should be applied.
16. The delivery period should be specifically stated. Earlier delivery may be preferred.
17. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

*After Sales Service:*

1. For providing after sales service for the impedance tube systems. The vendor should have quick service support for IIT Kanpur with adequate service persons, spares & all required accessories.
2. Single point of contact for support: Vender has to provide details of single point of contact viz. designation, address, email address, and telephone/mobile no.

Kindly send the quotation in sealed envelope latest by dated 22/08/2016 to the following address:

**To,**  
**Dr. Shantanu Bhattacharya**  
**Northern Lab**  
**Professor, Department of Mechanical Engineering**  
**Indian Institute of Technology, Kanpur-208016 (U.P.) India.**  
**Phone: +91-512-2596056(Office)**  
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