

Environmental Engineering Laboratory
Department of Civil Engineering
Notice Inviting Quotation Fabrication of a Part of Hygroscopic Tandem Differential Mobility Analyzer (HTDMA)

Date: 01/08/2017

Sealed quotation are invited for a “**Fabrication of a part Hygroscopic Tandem Differential Mobility Analyzer (HTDMA)**”, for hygroscopic measurement, as per the Specifications describes below on or before **18/08/2017, 17:00 Hours**. Two bids (separate quotation for technical and financial bid) put together in a common outer envelope subscribing “**Quotations for Fabrication Hygroscopic Tandem Differential Mobility Analyzer (HTDMA)**” should be Addressed and submitted to:

Dr. Gazala Habib

Block IV, Room No: 303 Environmental Engineering
Department of Civil Engineering, Indian Institute of Technology Delhi,
Hauz Khas, New Delhi – 110016

Technical Specification “Hygroscopic Tandem Differential Mobility Analyzer (HTDMA)”

S.No	Quantity	Technical Specifications:
1	01	PID-Controller: to control the Temperature and Humidity upto 50°C and 90%RH with accuracy of 1°C and 1% RH.
2	01	PD Series Gas Dryer: PD- 50T-12MKS 50 Tubes, 12” length, molded PVDF fitting, stainless Steel Shell.
3	01	Air Pump: Flow rate of 15 – 20 LPM
4	01	Temperature Sensor: 0° to 100° C
5	01	Water Atomizer: Ultrasonic atomizer with stable output of polydisperse aerosol
6	01	Water Bath: 5ltr with option to attach sensors probe and tubing.
7	01	Water Heater: Temperature upto 60°C

Note:

- Comprehensive onsite 1-year warranty.
- The vendors will provide details of organization/Institutes where they are distributing last 5-10 years.
- The vendor should provide authorization Certificate from manufacturer.
- The decision of departmental purchase finalization committee for selection or rejection of any bid will be final.

DR.GAZALA HABIB

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