

INDIAN INSTITUTE OF TECHNOLOGY
ENVIRONMENTAL ENGINEERING AND MANAGEMENT PROGRAMME

Enquiry letter for purchase of High Resolution Time-of-Flight Aerosol Mass Spectrometer (HR-TOF-AMS) system

Sub: Quotation for supply of High Resolution Time-of-Flight Aerosol Mass Spectrometer (HR-TOF-AMS) system for sub-micron aerosol sizing and chemical analysis

Reference: IITK/EEMP/2012_021

Dated 12.01.2012

Sir / Madam,

With reference to the subject mentioned above, you are invited to submit the quotation in a sealed cover. Configuration/Specification are given below:

1. **Application:** Sub-micron aerosol sizing and chemical analysis
2. **Mass Spectrometer System type:** High Resolution Time-of-Flight Aerosol Mass Spectrometer, high vacuum system (24VDC operation) and suitable Aerosol sampling lens with associated time-of-flight mass spectrometer system
3. **Aerosol sampling inlet:** 40 nm – 1 micro m transmission range.
4. **Mass Range:** 0-1200amu
5. **Mass resolving power (m/delta m):** 2000-5000.
6. **Data acquisition system:** PC and Flat screen to be provided.
7. **Software:** For data acquisition and instrument control and Data analysis.
8. **System rack:** To be provided for the integrated instrument/electronics.
9. **Training:** One week Technical training for two IIT staff at manufacturers site
10. **Electric Power:** 600 W; 220VAC/50Hz
11. **Warranty:** One year warranty and free software upgrades during warranty

Terms and condition:-

1. Sealed Quotation must reach to us till 28.01.2012 before 5.00PM
2. Prices should be in USD and CIF Delhi.

Best regards,

Sincerely,

Dr. S.N. Tripathi, Associate Professor