

Environmental Engineering Laboratory  
Department of Civil Engineering

**Notice Inviting Quotations for "Indoor Air Quality Monitor"**

Sealed quotations are invited in two bids (separate quotations for technical and financial bid in separate sealed covers and put together in a common outer envelope subscribing NIQ for **Indoor Air Quality Monitor** ) for the requirement of **Indoor Air Quality Monitor** as per the specifications described below on or before 29/12/2011, 1700 hrs. Quotations should be addressed and submitted to

Prof. Mukesh Khare  
Department of Civil Engineering  
Indian Institute of Technology Delhi,  
Hauz khas, New Delhi -110016, 1700 hrs

**Technical Specifications for Digital Burette**

- 1. Carbon Dioxide Sensor:**  
Working principle: NDIR technology  
Measuring range: 0 to 5000 ppm preferably  
Resolution: 1ppm or better
  
- 2. Carbon Monoxide Sensor**  
Working principle: Electrochemical oxidation devices or any other  
Measuring range: 0 to 50 ppm or better  
Resolution: 1ppm or better
  
- 3. Temperature Sensor**  
Working principle: Termistor or any other better technology  
Measuring range: 0 to 40°C or better  
Resolution: 1°C or better
  
- 4. Humidity Sensor**  
Working principle: Polymer capacitor technology or any other  
Measuring range: 0 to 95% RH, non-condensing preferably  
Resolution: 0.1% RH
  
- 5. Power Supply:** Can run with power and battery both. The battery should be NiMH or any better one which should be sufficient for at least continuous 24 h monitoring.
  
- 6. Data logger:** Should be sufficient to store more at least 25000 data point with usb connector to transfer the data from instrument to PC.
  
- 7. Warranty:** **Minimum three years onsite comprehensive warranty is must without which the quotation will not be considered.**  
**Terms and Conditions:**

  
14/12/11

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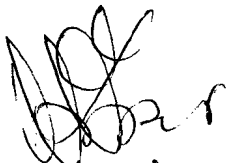
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