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,  
Hauzkhhas, 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:
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,  
Hauzkhas, 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: 1 ppm or better

2. **Carbon Monoxide Sensor**
   - Working principle: Electrochemical oxidation devices or any other  
   - Measuring range: 0 to 50 ppm or better  
   - Resolution: 1 ppm 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:**