

Environmental Engineering Laboratory
Department of Civil Engineering

Notice Inviting Quotations for "Portable Weather Monitor"

Indian Institute of Technology Delhi invites sealed tender offers in two bid format (Technical bid and Commercial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer for supply, installation & integration of **Portable Weather Monitor (No of Unit = 1)** with one year on site comprehensive warranty from the date of receipt of the material as per terms & conditions specified in the tender document.

The quotation should reach latest by **5:00 P.M. on 12th September 2014 (Friday)**. Quotations should be addressed and submitted to

Prof. Mukesh Khare,
Block IV, Room No:220, Department of Civil Engineering,
Indian Institute of Technology Delhi,
Hauz Khas, New Delhi -110016.

Technical Specifications for Portable Weather Monitor

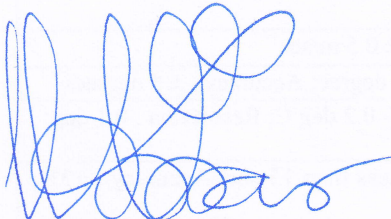
1. Sensors	
a. Wind Speed	Range 0.5 to 100km/hr; Accuracy : ± 0.5 m/sec
b. Wind Direction	Range 0-360 degrees; Resolution : 1 degree; Accuracy : ± 5 degrees
c. Temperature	Range : 0 to 60 deg C; Accuracy : ± 0.2 deg C; Resolution : 0.1 deg C
d. Relative Humidity	Range : 0-100%; Response time : Less than 15 sec; Accuracy : $\pm 3\%$; Resolution : 0.1%
e. Solar Radiation	High stability silicon photovoltaic detector; accuracy: $\pm 5\%$
f. Barometric Pressure	Range: 500 to 1100 hPa; Resolution: 0.1 hPa; Accuracy: ± 1.0 hPa; Long Term Stability: ± 1.0 hPa in 1 year
g. Rainfall	Range 0 to 50 mm/hr; Accuracy : 1mm of rainfall; Resolution : 0.5 mm of rainfall
2. Power supply	220 V, Single Phase, 50Hz AC mains supply. Solar Panel operated will be preferred
3. Working conditions	Sampler should work at ambient temperature up to 55°C and relative humidity up to 90%
4. Data Logger	Should record all parameters in non-volatile flash memory for minimum thirty days
5. Calibration Facility	Bidder must have Calibration Facility in India and should provide details on the Calibration facility available with them
6. Bidder Credibility	The Bidder should be a reputed manufacturer with minimum 10 years of experience in air quality monitoring/sampling instruments and they have Exclusive/Authorized Agent in India since last 2 years or more.

Warranty: Minimum one year onsite comprehensive warranty is must without which the quotation will not be considered.

IMPORTANT NOTE: Continuously logging of the data during the monitoring is mandatory, without these arrangements your quotation will not be considered further.

Terms and Conditions

1. Validity of the quotation should be for minimum three months.
2. Payment mode should be clearly mentioned. Preferred payment mode is within 30 days of successful installation.
3. All bank charges outside India shall be on Beneficiary's account and within India shall be on opener's account, in case of imported items.
4. Proprietary certificate may be enclosed in case of proprietary item.
5. In case of imported items, **Agency Certificate** from the Principals/manufacturer should be enclosed.
6. Educational Institution discount should be given.
7. Dealership certificate should be provided by the bidder along with the details of the installation of this equipment at any other institutes/industries.
8. The Institute reserves the right to accept or reject any/all of the quotations without assigning any reasons thereof.



Prof. Mukesh Khare