

**Indian Institute of Technology - Kanpur**  
**Department of Biological Sciences & Bioengineering**

Enquiry Number:: IITK/BSBE/2016-17/AK/NC 03; Dated: 01-08-2016

**Sub.: Inquiry for the supply of: “Turbidity Meter”**

Opening date: August 1, 2016 at 3:00 PM

Closing date: August 8, 2016 at 5:00 PM

Sealed quotes are invited for the above mentioned laboratory products as per the specifications given in the next page.

Your quote should mention/include the following:

- Maximum discount if any should be offered and mentioned.
- Quoted price should include the cost for installation, warranty and required accessories (see below).
- Validity of the quote at least for 60 days.
- FOB (indicating port of shipment) and CIF (New Delhi) values should be quoted separately if import is required. For quotes in INR, the price quote should be for delivery at Kanpur.
- The quote should cover insurance for transport up to Kanpur.
- Indian agency commission if applicable (should be certified by the principal if no agency commission is applicable) in case of import.
- Authorization certificate from the principal if you are a local agent.
- Terms and conditions for the payment, including the banker’s name of the principal and the account number, if any, for electronic transfer.
- Include proprietary item certificate if applicable.
- Technical literature to support your product

**Note: Offers should quote for all components of this facility (see next page for details).**

**Quotes that do not offer all components will be disqualified.**

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**Department of Biological Sciences & Bioengineering**  
**Indian Institute of Technology – Kanpur**

**TURBIDITY METER must possess the following specifications:**

It should have following Features:

Range: 0 to 2000 NTU

**Automatic Range Selection** should be available.

**Resolution** 0.01 NTU

**Accuracy** < 0.1 NTU

**Response Time** < 6 secs

**Sample Volume** 10 ml

**Light Source** IR

**Calibration Standards** 0.02 NTU, 20.0 NTU, 100 NTU, 800 NTU

**Certifications** FCC part 15 class A, TUV 3 in 1, CE, RoHS

Should have provision for custom calibration

Should have provision for optimizing sample turbidity.

IP67 Waterproof and Dustproof

Automatic Push-Button Calibration of at least 4 points

Carrying Kit with 4 calibration standards, 3 empty cuvettes, power source

Large Easy-to-Read Display

Should comply ISO 7027 (DIN EN 27027) method

Optional computer interface to record kinetics, results and graphical analysis.