

**INDIAN INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING**

Enquiry letter for purchase of Cascade Impactor

Sub: Quotation for supply of Cascade Impactor (Nos. 2)

Reference: IITK/CE/2017-18/0278

Dated: March 27, 2018

Sir/Madam,

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

Specification for Cascade Impactor

1. Principle - Aerodynamic size classification based on Inertial Impaction
2. No of size classes – 5-8 stages
3. Flow rate - 25-50 lpm
4. Cut off sizes - down to at least 0.5 μ m
5. Vacuum pump of sufficient flow rate compatible with the classifier.
6. Back up filter holder to collect particle below min cutoff size.
7. Neoprene O-rings – 1 set
8. SS collection plates- 1 set
9. Mass flow totalizer; Rotameter for checking the sampling flow rate.
10. Carry case to hold the impactor and accessories.
11. Operating temp - 10 - 40 °C
12. Operating RH - 10-95% Non condensing
13. Operating voltage - 230 V/50 Hz

The quotation should have the following details:

1. Cost of the item and accessories and installation charges, if any
2. Technical specifications in detail
3. Warranty period
4. Educational discount considering end use for research and teaching
5. Please submit single bid quotation

Terms and condition:-

1. Sealed Quotation must reach the undersigned on or **April 17, 2018**.
2. Prices should be in INR.
3. Payment will be 90% after delivery and 10% after installation.

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