

INDIAN INSTITUTE OF TECHNOLOGY DELHI
Department of Civil Engineering
Notice Inviting Quotations

NIQ No. IITD/Civil (Store)/2014-15/GZH005

February 11th, 2015

Deadline: February 23th, 2015 (5:00PM)

Department of Civil Engineering wishes to purchase **Personal Cascade Impactor (1 Units)** as per the specifications given below.

Technical & Financial bids (in two separate sealed envelopes) clearly labeled with note as “**Quotation for Purchasing of 1 units of Personal Cascade Impactor with compatible pump**” should reach the following address on or before **February 23th, 2015 by 5:00 PM.**

Technical Specifications:

One unit of portable compatible pump operated personal cascade Impactor for ambient aerosol sampling and personal exposure studies with following specifications and features:

A. Specifications of Personal Cascade Impactor (No of unit =1):

S. No.	Specifications	Requirement
1.	Type	Personal Cascade Impactor (≥ 10 stages)
2.	Collection of Particle of Cutoff Diameters (d_{50})	Impactor should collect size fractionated particles between 60 nm to 10 μm at different stages with minimum 5 stages to collect particle of aerodynamic diameter less than 1.0 micrometer.
3.	Design flow rate	2-10 LPM
4.	Essential features	<ul style="list-style-type: none">• Body of the sampler should be made of anodized aluminum or metal of high strength• All stages should have Sharp cutoff at fixed design flow rate between 2 to 10 LPM.• Compact and light weight (≤ 350 gm)• Should have collar clip or mounting screw for tripods.
5.	Compatible filter paper size	47mm/half circle or 37mm/half circle, Substrate media i.e. Teflon or Quartz or aluminum foil.
6.	Operating Temperature	Can work at a temperature 0-50 $^{\circ}\text{C}$
7.	Compatible Pump	Compatible light weight pump ≤ 1 Kg with 10 to 20 hrs. power backup
8.	Necessary Accessories and Tool-kit	All the necessary accessories and tools are required for preparation of substrate media for particle collection including punches to cut foils, screw driver, forceps, AC adapter for pump etc.
9.	Bidder Credibility	The Bidder should be a reputed manufacturer with minimum 10 years of experience and they have Authorized Agent in India.

For any queries, please do not hesitate to contact undersigned.

Terms & Conditions:

- **The technical and financial bids should be sealed in separate envelopes with proper labeling before putting them together in the sealed cover.**
- Detailed specifications, catalogue/literature and authorization certificate of all items quoted should be supplied with quotation.
- Bidder must specify Customs Tariff Code and Custom Duty applicable for IIT Delhi in their quotation.
- If the items quoted are proprietary in nature, please enclose proprietary certificate from the principals stating “Certified that ----- is a proprietary item of M/s ----- and no other manufacture make these items”.
- Please quote prices at FOB basis in case of prices in foreign currency
- Price in Indian rupees shall be quoted on FOR IIT Delhi Basis.
- Quotation should clearly mention installation & delivery charges. Clearly indicate whether the prices are inclusive of all taxes. Otherwise indicate all taxes separately.
- **Special discounts/rebate wherever admissible keeping in the view that supplies are being made for an Educational institute may be indicated in the offer.**
- Supplier shall fully warrant that all the materials supplied under the order shall be new and first quality.
- Quotation should be valid for three months from due date.
- A minimum of 1 year’s comprehensive warranty of the equipment is required.
- Payment in Foreign currency will be made by Letter of credit or after successful installation and demonstration as per Institute’s rules.
- Payment in Indian currency will be released after installation as per Institute’s rules.
- Delivery period should be clearly indicated in the quotation.
- Order must be delivered and installed within 6 weeks of receipt of order.
- Incomplete and conditional submitted tenders would be summarily rejected.
- Institute Reserves the right to accept/Reject any or all quotation without assigning any reason.

Name and Address for quotations:

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B. Compliance Table

S. No.	Specifications	Complying (please write the specifications of quoted instrument)
1.	Type	
2.	Collection of Particle of Cutoff Diameters (d_{50})	
3.	Design flow rate	
4.	Essential features	
5.	Compatible filter paper size	
6.	Operating Temperature	
7.	Compatible Pump	
8.	Necessary Accessories and Tool-kit	
9.	Bidder Credibility	