

**Centre for Biomedical Engineering
Indian Institute of Technology
Hauz Khas, New Delhi-110 016**

NOTICE INVITING QUOTATIONS

Dated : 1/07/2015

Tender No:

Subject: **Purchase of Class 100 Laminar Flow Bench**

Invitation for Tender Offers

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 **Class 100 Laminar Flow Bench** with 1 years 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 to Dr. Sandeep Kumar Jha, Centre for Biomedical Engineering IIT Delhi, Hauz Khas, New Delhi – 110016 latest by 12:00 P.M. on 15/07/2015.

Technical Specifications:

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| 1 | Class 100 Laminar Flow Bench – Cleanliness As per the specification of U.S. Federal Std. 209 E (Class 100) |
| 2 | Custom working space size of 72” x 30” x 36” (W x D x H) is required; Height of worktable from ground —36” |
| 3 | Working Table should be made of 304 Grade stainless steel |
| 4 | Direction of flow — Vertical downwards with 90 ± 20 fpm Approx |
| 5 | Floor area requirement: - 76” x 36” (Approx.) |
| 6 | Front Door of Polycarbonate Sheet in two sections with hinges |
| 7 | There should be in-built Drawers or Cabinets below the worktable |
| 8 | Main Filters: - Efficiency better than 99.97% down to 0.3 μ. air filtration. HEPA Filters made with HNV (USA) Filtering Media |
| 9 | Pre-filter — Cleanable 90% efficiency down to 10 μ. air filtration |
| 10 | Should have Pre & Hepa Filters, Air Blower Assemblies & protective meshes etc. |
| 11 | Air Blower Assemblies: - Branded motor blowers to be used. Preferably with statically & dynamically balanced blowers, suspended on springs for less vibration |

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| 12 | Electricals - 2 x 40 watts White FL tubes and One tube with yellow light. Built-in extension board with atleast 5 x 16A electrical points |
| 13 | Additional accessories: Dwyer Magehelic Gauge to measure Static pressure and Level adjustment gauge |
| 14 | One hole and fitting for gas (Oxygen or nitrogen from cylinder) flow on the side wall of workarea |

Terms & Conditions

1. **Class 100 Validation has to done at site after satisfactory installation & demonstration.**
2. **Vendor should be MSME, (SSI), NSIC & ISO registered organisation.**
3. Supplier should be accredited by any Govt. organization for making these hoods.
4. Please attach all the technical literature and a list of similar installations done in India. **A minimum of five successful instalments in India is a prerequisite. Details of end users with email ID and phone no. should be provided.**
5. Please submit two bids: Technical and Financial separately in sealed envelopes. Technical bids should not contain any financial information
6. Technical bid should contain compliance chart based on specifications as per NIQ.
7. The quotations should be in the currency of the country of origin and should be valid for at least three months. It should include insurance and air freight charges and delivery period.
8. The product(s) will be used for educational purposes. Any applicable academic institution discounts should be offered and stated.
9. The warranty on the equipment should be clearly specified.
10. In case the items are proprietary products of a company, a proprietary item certificate must be provided.
11. If the quote is being submitted by the representative of the Principals/manufacturer themselves, a valid Agency ship/Dealership Certificate authorizing the agent to quote to IIT Delhi on behalf of the Principals should be enclosed.
12. Complete set of manuals for the operation of equipment should be given.
13. The institute reserves the right to accept or reject any / all the quotations without assigning any reasons thereof.
14. Free Installation & training should be provided.