

**Indian Institute of Technology Delhi
(Nanoscale Research Facility)**

Notice Inviting Quotation (NIQ)

Date: 05/08/2013

Last date for submission of Quotation 26/08/2013

NIQ Ref. No.: IITD/NRF/2013-14/Wet Bench

We are in the process of buying a **Class 100 Poly-propylene Wet Bench with Exhaust, Storage & Sink**, the technical specifications of which are given below:

1. The total footprint of the wet bench: 1500 mm (L) \pm 100 mm, 900 mm (D) \pm 100 mm and 1900 mm (H) \pm 100 mm.
2. Vertical Laminar flow hood with a 99.99% filter suitable for class 100 clean room and should be equipped with electrical and yellow light illumination fittings. The hood should have a thickness of at least 10 mm.
3. In order to avoid chemical splash, a shield should be provided. The shield should either be hanging from the Vertical Laminar flow hood or extending outwards from the wet bench control towards the front. The shield should be flexible, sliding or hinged in order to provide access to the wet bench.
4. At least 10 mm thick natural poly-propylene structure for the wet bench with suitable metal reinforcement.
5. Perforated sheet of natural poly-propylene as the working station.
6. Storage shelves or slots where chemicals, beakers and tubes can be stored.
7. Storage cabinet below the working station with sliding doors.
8. Clear acrylic two fold type door provided to the work bench.
9. Natural poly-propylene Sink of inner dimension of 600 (L) mm x 450 (W) mm x 450 (H) mm (\pm 50 mm) with Goose Neck tap.
10. Sink should be positioned on the RHS of the working station.
11. Drawers at the bottom with wheel movement in forward and backward direction.
12. Illumination should have fluorescent appearance.
13. The filter/fan unit should generate minimum 650 CFM of air for continuous operation.
14. For entire line natural PP fume exhaust hood from the back should be provided with PVC pipeline and fittings. Fume section blower should be supplied. All utilities should connect from the rear side of the wet bench.
15. N₂ and De-ionized (DI) gun of PFA material should be provided.
16. Separate drains for sink and plenum.
17. 15 A plug points within the workbench.
18. Mains input at 230 V, single phase 50 Hz.

TERMS and CONDITIONS:

1. The quotation, in sealed envelope marked as “**Ref: IITD/NRF/2013-14/Wet Bench**” should reach the undersigned on or before **5:00 pm on 26th Aug. 2013.**
2. Technical and financial bids should be enclosed in separate sealed envelopes and clearly marked.
3. A technical compliance chart for the item quoted for could be provided in the technical bid.
4. Institute reserves the right to accept/ reject all/ any quotation without assigning any reason thereof.
5. The delivery period should be clearly indicated in the quotation.
6. Submitted quotations should clearly mention the validity period, preferably for a minimum of 3 months.
7. Incomplete and conditional submitted tenders would be summarily rejected.
8. The mode of payment should be clearly indicated. The preferred mode of payment will be after satisfactory installation and inspection.
9. All installation to be done by the vendor.
10. Necessary certificate should be enclosed by the vendor in case of proprietary nature of the quoted items.
11. In case the quotation is being submitted by authorized agent of the principal manufacturing company, the **AUTHORISED SALES AGENCYSHIP** certificate from the **PRINCIPALS** should be furnished along with the quotation. Quotations without this authorization certificate will be rejected.
12. The quotation should include comprehensive warranty for at least 1 year.
13. Special discount/rebate wherever admissible keeping in view that items are being procured for educational purpose in respect of Public Institution of national importance may please be indicated.

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