

**Indian Institute of Technology Kanpur
Centre for Environmental Science and Engineering**

Inquiry No- IITK/CESE/DP/08-2013/04

27 August, 2013

Sub: Quotation for supply of HF Resistant Fume Hood and related accessories as mentioned below.

With reference to the subject mentioned above, you are invited to submit quotation in a sealed cover on or before September 3, 2013 to the address mentioned below.

The prospective suppliers are required to send quotation in two parts, both in sealed envelopes, clearly marked as "**Technical Bid**" and "**Financial Bid**". The Technical Bid should contain detailed technical specification of the product being offered and should not mention any prices. The Financial Bid should include the detailed price quotation clearly including the cost of the equipment, taxes, service charges if any, shipping and handling charges.

Terms and Conditions:

1. Maximum education discount, if any should be offered
2. Validity of quotation should be at least for 60 days
3. Prices should be on CIF and FOB separately (if imported)
4. Prices should include the installation and training cost
5. Warrantee must be one year or more
6. Normal payment terms for the Institute will be applicable (90% on delivery of the items and the remaining 10% after satisfactory installation/ inspection)
7. Quotation should carry proper certifications like agency certificate, proprietary certificate, etc.
8. Delivery should be made within 3 months.

Technical Specifications for HF Resistant Fume Hood and related accessories:

Overall Dimensions: 1400mm(L) X 1250mm(D) X 2075mm(Ht)

Effective Work area: 1220mm(L) X 680mm(D) X 600mm(Ht.)

Air discharge Filter: HEPA filters, 0.3 micron, 99.97% efficiency, Class-100.

Vertical air flow: 100% exhaust though PP duct.

In clean filter condition: Air Velocity at HEPA filter discharge- 0.45 mtrs./sec.+0.01.

Exhaust Blower Motor: 1.5 HP

Air Volume: Supply to working area 1050CMH and Exhaust- 1700CMH.

Construction details: Main body- CRCA sheet steel, stove enamel painted and interior of working area coated with PP.

Table top: PP/FRP with 18mm back-up MDF board.

Front shutter: Made from polycarbonate to prevent hydrofluoric acid fume etching.

Counter weight with SS rope for the front shutter.

Power supply: 230VAC, Power consumption- 1300 watts.

Exhaust ducting, flanges and bends, and other accessories as required for fume hood.

Electrical items: CFL light, sockets and switches, MCB, Indicating lamp with wiring internally.

Sanjiv Gupta
c/o Dr. Debajyoti Paul
Western Lab Extension, room WLE 202
Department of Civil Engineering
I.I.T. Kanpur PIN 208016