



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND
RESEARCH THIRUVANANTHAPURAM (IISERTVM)
(Govt. of India, Ministry of H.R.D)**

MARUTHAMALAP.O VITHURA, THIRUVANANTHAPURAM - 695 551

PH: 0471-2778019

FAX: 0471-2597427

EMAIL: PURCHASESTORES@IISERTVM.AC.IN

Date: 13/03/2018

INVITATION TO TENDER

No: IISER/PUR/SHFT/456/09/592

Due Date: 28th March 2018 [04.00 P.M]

Dear Sirs,

SUB: Dismantling, relocation, refurbishing and reinstallation of 17 fume cupboards

Seventeen fume cupboards presently installed in the transit campus of IISER TVM at CET, Sreekaryam have to be dismantled and relocated to the permanent campus of the institute at Vithura. The hoods have to be refurbished and either reinstalled or stored in anticipation of installation soon as listed in the detailed description of works attached.

Scope of Work

- Dismantling of the fume cupboards including exhaust system at Transit Campus
- Packing (including packing material)
- Unpacking at New location.
- Refurbishing of the fume cupboards and exhaust system including supply of necessary spare parts, additional components etc.
- Reconfiguration of exhaust system and reinstallation of fume cupboards with exhaust in new locations

If your firm can arrange for transportation, loading & unloading please quote for the same separately.

Yours Faithfully

Officer In Charge
[Purchase & Stores]

Detailed Specification of work

P.S. CATALOGUE/LEAFLET FEATURING ALL TECHNICAL SPECS/INFORMATION SHALL ACCOMPANY THE OFFER.

IISER-TVM, Govt. of India, Ministry of H.R.D.

The Seventeen fume cupboards were originally supplied by M/s Steelcase India Ltd in 2010-11. Sixteen of them are located in Room 321 (opposite cabins 321A and 321B) of the transit campus of the institute at the computer science block of the College of Engineering TVM. The remaining fume cupboard is in Room 320 (opposite cabin 320G). Shop drawing of a typical fume cupboard is given as Annexure 1. Note that some of the hoods may be larger and some smaller.

1. The fume cupboards are to be uninstalled from their respective locations in the transit campus and dismantled to the extent possible for transportation.
2. The exhaust system including ducting, blowers, baffles, controllers, wiring etc. are to be uninstalled and dismantled.
3. The fume cupboards and all other components are to be packed with suitable protective packing materials like cardboard, polythene sheets, thermocol, Styrofoam etc. and readied for moving.
4. Transportation may be done either by IISER TVM through its contractor or by the vendor. The vendor may quote optionally for transportation inclusive loading/unloading, union labor and all other charges.
5. Once transported to the permanent campus at Vithura, the fume cupboards are to be refurbished. Refurbishing involves
 - a. Repair/replacement of worktop, side panels, baffles, airfoil, sash, service connections, electrical points, light fixtures, valves, etc. as required.
 - b. Repair/repainting etc. of the understructure, frame etc. including welding, patching, painting etc.
 - c. Repair and reconditioning of the blowers that were supplied along with the fume cupboards including supply of necessary spares etc.
6. Seven out of the sixteen hoods have to be reinstalled after refurbishing in various labs at the permanent campus of the institute at Vithura as listed in table below:

Room Number	Number of Fume Cupboards
CSB 3202 and CSB 3210	3
CSB 2207	1
BSB B9	1
BSB B17	1
PSB 1214	1

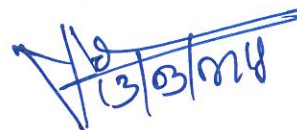
7. Available, usable components of the exhaust system augmented with new components supplied by the vendor has to be used for reinstallation.

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8. The remaining fume cupboards are to be kept in storage in the Central Instrumentation facility of the institute (basement)

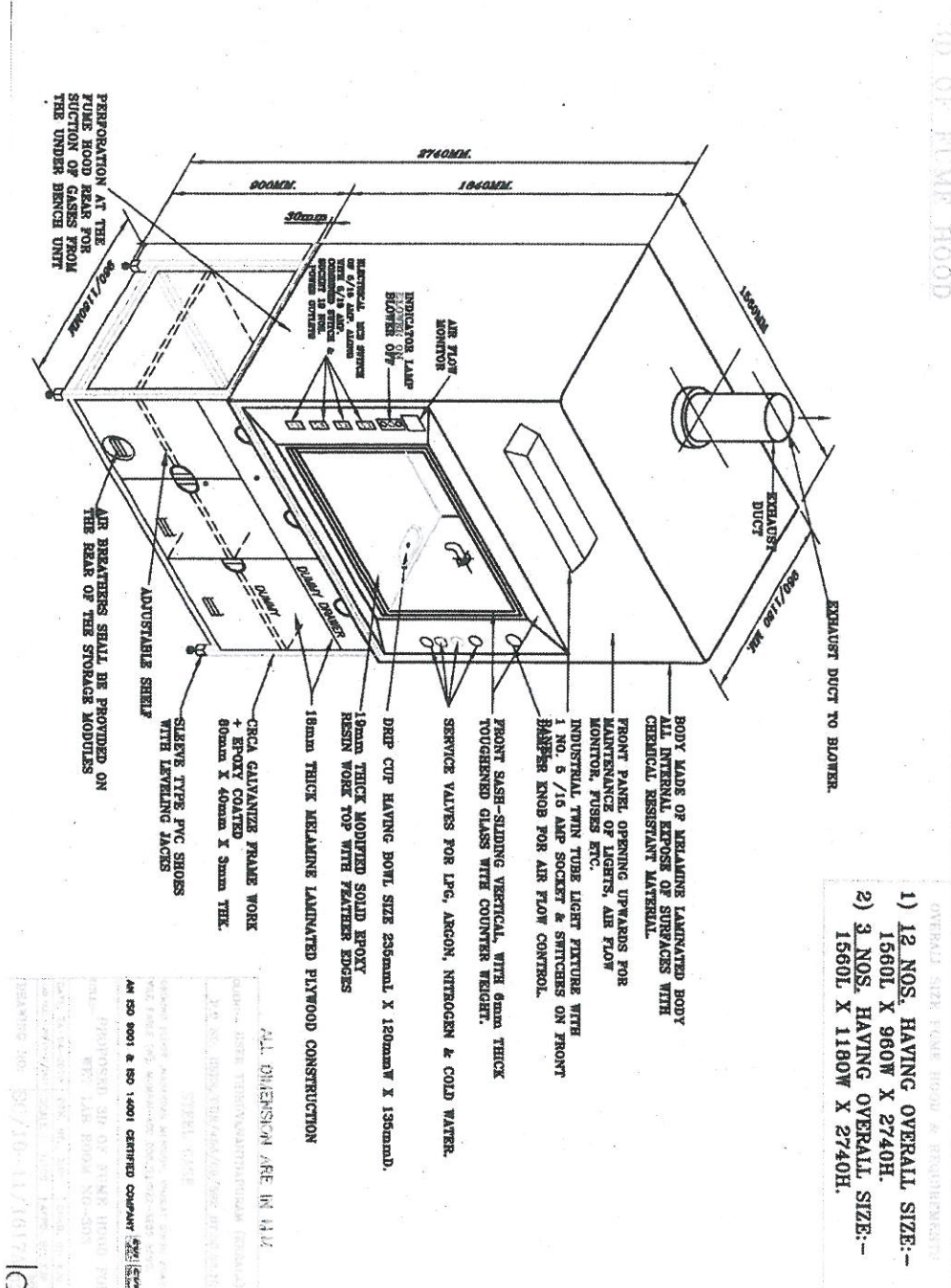
General conditions

1. The vendors should have experience in installation of laboratory fume cupboards in research or teaching labs previously. Documentary evidence for the same to be produced in terms of purchase order copies, completion certificates etc.
2. Prospective vendors must visit both the transit campus as well as the installation sites in the permanent campus for estimating the quantities of reusable material as well as the items which will have to be supplied for refurbishment and reinstallation.
3. Vendors have to quote a total lump-sum amount all inclusive considering labor, parts, packing and other requirements.
4. An optional quote for transportation of the packed items alone inclusive of all charges may be included separately.
5. A defect liability period of one calendar year applies to the refurbished fume cupboards and exhaust system reckoned from the date of commissioning and acceptance of the same at the permanent campus.
6. For any queries at the time of site visit at the transit campus please contact Mr. Ashin Raj (JE-Civil) at 0471-2778041 and for any queries regarding routing of exhaust tubes etc. at the permanent campus please contact Mr. Praveen Peter (JE-Civil) at 0471-2778039.

A handwritten signature in blue ink, followed by the date '13/03/24' written in blue ink.

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Annexure 1: Typical dimensions of the fume cupboards



Handwritten signature and date: 13/03/17

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