

GOVERNMENT OF INDIA  
MINISTRY OF HEALTH & FAMILY WELFARE  
DEPTT. Of AYUSH  
**HOMOEOPATHIC PHARMACOPOEIA LABORATORY**

Kamla Nehru Nagar, Near N.T. H  
Ghaziabad – 201002 (U.P.)  
Ph.No.2789923

Ref. No. HPL/ A-11037/10-11/ .....

Dated

**Sub :- Tender Notice to be placed on HPL website [www.hplism.nic.in](http://www.hplism.nic.in)**

Sir,

I am to request that your lowest rates for equipment / furniture as per the specifications mentioned in the enclosed list / sheet may be furnished to the undersigned **latest by 30.09.2010**

• QUOTATION SHOULD BE IN SEALED ENVELOP with clear marking on the top of the envelop as "QUOTATION FOR FUME HOOD due on 30.09.2010."

Please note the rates quoted should be those applicable to Government supplies, F. O. R. Ghaziabad by Rail, otherwise ex- Laboratory Sales Tax, if admissible, will be paid against Form – 'D' as applicable.

Quotations received after due date will not be considered.

SUBJECT OF ENQUIRY IS WITHOUT ANY COMMITMENT ON OUR PART.

Yours faithfully

(Dr. D.R. Lohar)  
Director

Encl : pleas find

## Technical Specs of Fume Hood

### FUME HOOD FOR GENERAL CHEMISTRY: (5 feet Standard ABP model)

Fume Hood will consist of following features:

Overall Dimensions with base cabinet:	1500 mm W X 1000 mm D X 2400 mm H
Fume Hood dimensions:	1500 mm W X 1000 mm D X 1600 mm H
Base Cabinet dimensions:	1500 mm W X 700 mm D X 800 mm H
Inside Fume Hood working volume:	1220 mm W X 750 mm D X 1155 mm H
Bed size:	1220 mm W X 750 mm D
Height of worktop from Ground level:	850 mm

Sr. No	Specification	Description
1	Design Structure	Aerodynamic, Floor mounted
2	Airflow Type	<b>Auto Bypass Type (for non-AC labs)</b>
3	Construction (Exterior)	Powder coated (70 to 80 microns) durable, attractive Grey & Blue 1.5mm & 1.2mm heavy duty CRCA (as per IS: 513) sheets with rigid structure.
4	Front Top Panel	Easily openable hinged Top Panel for easy access to Flow Control Valve and Electrical Lighting fixtures for maintenance.
5	Corner Post	Triangular Profiled Corner Post made of Highly chemical resistant Polyurethane Powder coated (70 to 80 microns) durable, attractive Grey color, 1.5mm thick heavy duty CRCA sheet. It is placed on Left and Right Hand Side of the Fume hood and it houses the utility line fittings and electrical receptacles.
6	Construction (Interior)	Chemical & Heat Resistant, Fire Retardant, Smooth Finish, Easily Cleanable Panels Made out of durable special material integral work walls. (6 mm thick). ASTM flame spread index < 25
7	Baffle arrangement	<u>Interstitial</u> 3-point suction system (for light, normal & heavy fumes) with baffle to ensure smooth and immediate exhaust of fumes.
8	Airfoil	Aerodynamic Design, Horizontal airfoil mounted on the worktop.
9	Worktop	Chemical resistant splash & spillage proof dished ' <b>Jet black Granite</b> ' worktop. (18 to 20mm thick)
10	Sink, Water tap with drain arrangement	Worktop will have oval/round shaped 100 mm X 200 mm sink for drainage with water tap on left side of worktop.
11	Sash (Shutter)	Vertical rising counter-balanced sash. Toughened Float Glass sash (6 mm thick). Smooth and light sash operation. Clear openable height = 750 mm. Impact Resistance of the sash (Toughened Glass) is four times higher than other sash materials (like Safety Glass and Polycarbonate). Breaking Stress value for fully toughened glass (Tempered Glass) = 24,000 psi.
12	Wet & Dry Service fittings	Remotely operated colour coded Needle Valves for fine control over utilities (as per DIN 12920 norms) <b>total 3 nos.</b> service valves with PU plumbing with 6mm internal dia, <b>withstands up to 15 kgf pressure</b> and brass fittings for gas connections. <ul style="list-style-type: none"> <li>• 1L for Water above the sink</li> <li>• 1L for Nitrogen</li> <li>• 1L for Vacuum</li> </ul> <p style="text-align: right;">Located in the corner post on left hand side of the Fume hood. The</p>

