

**DEPARTMENT OF METALLURGY AND MATERIALS ENGINEERING**  
**Indian Institute of Engineering Science and Technology, Shibpur**  
**Howrah-711 103**

Enquiry No. 06/MET/IIEST/2017-18

Date: August 3, 2017

To,  
 All the Enlisted Suppliers/Dealers/Manufacturers

Sealed quotations are invited for supply of the following Equipment for the Dept. of Metallurgy and Materials Engineering. The sealed quotations should be addressed to the Head of the Department indicating enquiry no. with date on the top of the sealed envelope. The sealed quotations should be submitted at the office of the department on any of the working day up to 18/08/2017 till 5.00 P.M.

**FUME HOOD**

External Size (W*D*H)	Approx. 100x75x230cm	
Internal Size (W*D*H)	80x60x75cm	
Work Surface Height	85-90 cm	
Max Opening	45-50cm	
Air Velocity	In the range of 0.3-0.8m/s	
Protection Class	Class I	
Protection Type	IP 20	
Noise	<60Db	
Exhaust Duct	PVC, Standard length: 4 meters. φ300mm	
Pipe Strap	1 pc	
Fluorescent Lamp	20W*1	
UV Lamp (Optional)	Emission of 253.7 nanometers for most efficient decontamination	
Blower	Built-in centrifugal blower; Speed adjustable.	
Front Window	5mm toughened glass; Motorized; Height adjustable.	
Power Supply	110/220V±10%, 60/50Hz; three/Single phase 220/440 volt line (preferred)	
Consumption	400W	
Material	Exterior	Cold-rolled steel with anti-bacteria powder coating.
	Interior	High grade melamine board with good acid and alkali resistance function
	Work Table	Solid chemical resistant physiochemical board
Standard Accessory	UV lamp*2, Fluorescent lamp, Water tap, Gas tap, Water sink, Base cabinet Total load of 2 waterproof sockets: 1000W 4-meter PVC exhaust duct, pipe strap	
Optional Accessory	Active carbon filter or HEPA filter	

*Prof. Ghosh*  
 03/08/2017

(Prof. Sumit Ghosh)  
 Head

**Prof. Sumit Ghosh**  
 Head  
 Dept. Of Met. & Mat. Engg.  
 Indian Institute of Engineering  
 Science and Technology, Shibpur  
 Howrah-711 103

Copy forwarded for information to:

Institute Website, IIEST, Shibpur, Howrah-711 103

For details the vendors may contact Dr. Sukumar Kundu (Mobile No. 8334043609) during working hours.