



**University of Calcutta**  
**Department of Electronic Science**

**NOTICE INVITING TENDER**

**Tender No: ES/EQ/AK/07/2018 Dated 16/01/2018**

**Name of ITEM: Fume Hood**

**Tenderers will have to submit sealed tenders in two parts (Technical + Financial) in the office of the Department of Electronic Science (Ground Floor, Meghnad Saha Bhavan: 92, APC Road, Kolkata-700009) within 01/02/2018 (up to 14:00 Hrs). The Technical bid will be opened on 01/02/2018 at 15:00 Hrs and the Financial bid will be opened on 02/02/2018 at 14:00 Hrs. Please enclose the copy of the Trade License, PAN Card and GST Registration along with the tender, wherever necessary.**

**Technical Specifications**

Specifications:

- The system should have double-layer with appropriate inside metal finished with acid/alkaline protector
- Interior walls should have proper chemical resistant material
- Available free interior working space (2.5 - 3.0) ft x 2 ft
- External Size within 3.5 ft x 3 ft
- Working surface height should be laboratory table working height
- Motor –controlled adjustable height front glass
- The system should have appropriate low noise for working in the lab
- Motorable fan within 6-9 levels
- Exhaust Air velocity min 0.3m/s
- Electric power supply 110/220V±10%, 60/50Hz
- Power consumption ≤500w
- Fluorescent lamp 12W\*1-14W\*1
- UV lamp emission of ≤300nm
- Additional in-built power accessory are preferable
- Exhaust system with adjustable speed should be provided with required length with PVC exhaust duct
- The system must have Microprocessor control system and LED display
- The instruments should be equipped with compatible water (one) and gas (one) inside
- Appropriate cabinet for chemical storage space
- The tender must be CE certified
- The company should have at least 3 yrs of experience for dealing such systems and should provide appropriate documentary evidence
- The company must have local technical supports as and when required
- The company should submit the appropriate evidence of supplying such system in India and West Bengal
- The user list should be attached with the tender.

Head of the Department of  
Electronic Science