



**OFFICE OF THE FINANCE OFFICER**  
**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR**  
(formerly Bengal Engineering and Science University, Shibpur)  
**HOWRAH – 711 103**

No. SIF/2016-17/022

Date : 24.05.2016

**Notice Inviting Quotation**

Sealed quotations are invited from the bonafide Vendors in their official letterhead for supply of the item as indicated below. The sealed quotation should be dropped in the Tender box at the Office of the Finance Officer between 11.00 a.m. and 3.30 p. m. on or before 03.06.2016. The quotations will be opened on 03.06.2016 at 4.00 p.m. in the Office of the Finance Officer. The detailed technical specification is enclosed herewith.


Sl. No.	Item Description	Quantity
1.	5 KVA ONLINE UPS with two hour battery backup on full load. The detailed technical specification of the UPS is given in Annexure-I. Make : Numeric / GE / Eaton / Socomec / Emerson / APC  Battery VAH should be minimum 16000 VAH. <b>Make</b> of battery should be Panasonic / Rocket	1 No.

**After Sales Service :**

For providing after sales services for the UPS, the vendor should have proper service support at Howrah / Kolkata with adequate service persons, spares & standby UPS facility.

**Terms & Conditions :**

1. All rates quoted should be inclusive of all taxes, levies & duties. The rate should be quoted both in figures and words.
2. A Demand Draft of Rs.1,000/- as EMD drawn in favour of 'The Registrar, IEST, Shibpur' to be submitted with the application.
2. Transportation, packing, forwarding and insurance charges, if any, should also be inclusive.
3. The materials are to be supplied/delivered at the Institute Campus between 10.30 a.m. and 4.00 p.m. on all working days.
4. **Warranty : Three years on UPS and Battery**
5. No advance payment can be made.
6. The Order no is to be noted on both challan & Bill.
7. Payment will be made on submission of proper bill, challan etc by A/C payee cheque, no cash payment will be made under any circumstances after successful installation.
8. Copies of the PAN Card, VAT Registration Certificate, Trade Licence and Professional Tax Certificate should be attached with the quotation.

  
25/5/16  
**Finance Officer (Actg.)**

### Technical Specifications – ONLINE 5 KVA UPS

Feature	Specification
Capacity	5 KVA Online
Technology	IGBT Based Rectifier
Input Voltage Range	230V $\pm$ 20% AC, Single Phase
Input Frequency Range	50Hz $\pm$ 10%
Input Power factor	>0.95
Output Voltage	230V AC $\pm$ 1%, Single Phase
Output Frequency	50Hz $\pm$ 0.5%
Output Power Factor	0.90 Lag
Output Waveform	PWM Sine Wave
Isolation	Inbuilt Output Isolation Transformer
Protection	Input and Output Over and Under Voltage, Output Overload, Output Short Circuit, Battery Low Trip etc. If the UPS shuts down after permissible or deep discharge, it should switch on automatically after mains power restoration
Indications	Mains On, Inverter On, Battery Low, Over Load etc.
Alarm	Mains Failure, Battery Low, Trip conditions etc.
LCD Display	Input Voltage, Output Voltage, Output Current, Battery Charge etc.
Battery	12 V Lead Acid Sealed Maintenance Free Batteries
Backup	2 Hour Backup on Full Load. Battery VAH should be minimum 16000 VAH.
Bypass	Automatic Static Bypass Switch
Remote Monitoring	SNMP Support
Ambient Temperature	0 - 50 DegC
Enclosure	M. S. Powder Coated with Caster Wheels for UPS and Batteries
Warranty	3 Years on UPS and Battery

*Handwritten signature*  
25/5/16