



भारतीय प्रौद्योगिकी संस्थान कानपुर
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
संगणक केन्द्र
COMPUTER CENTRE

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Head

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CC/IITK/09/2010
February 3, 2015

Sealed quotations are invited for the following items.

Sr. No.	Item Description	Qty
1	5 KVA ONLINE UPS with two hour battery backup on full load. The detail technical specification of the UPS is given in annexure I. Make: Numeric/ GE/ Eaton/ Socomec/ Emerson/ APC/ Delta/ Uniline/ APLAB/ Hi-Rel Battery VAH should be minimum 16000 VAH. Make of battery should be Panasonic/ rocket/ Exide/ Amara Raja	16

After Sales Service:

1. For providing after sales service for the UPS, the vendor should have proper service support at Kanpur/ Lucknow with adequate service persons, spares & standby UPS facility.
2. Single point of contact for Support: Vendor has to provide details of single point of contact viz. designation, address, email address, telephone /mobile No. Escalation matrix for support should also be provided with full details .

Terms & Conditions:

1. All quotations must reach undersigned by February 25, 2015, 5 P.M.
2. Quotation must be valid till 30/04/2015
3. Quotation shall be submitted in two parts.
 - Part-I (Technical) should contain all technical details and specification of the offered UPS along with technical compliance sheet, Battery details (like make, AH, total number), warranty and applicable tax rate (like VAT etc.)
 - Part-II (Financial) should contain the price of the offered UPS alongwith commercial terms and conditions. The price should not be quoted in the technical bid.
4. **Warranty: three years on UPS and battery.**
5. The vendor (if not OEM) should have valid authorization for this tender enquiry from the OEM company.
6. Quantity may increase or decrease.
7. Payment terms: 90% on delivery and 10% after satisfactory installation.


03/2/15
(Ashish Dutta)

Annexure I

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	0.80 Lag
Output Waveform	PWM Sine Wave
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

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