



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR – 721 302

No. IIT/CIC/UPS-10KVA/2017-18/32

Date: 31st October 2017

SUB : PROCUREMENT OF 1 x 10 KVA UPS SYSTEM

Indian Institute of Technology Kharagpur, an Institute of National Importance, invites sealed quotations from reputed Original Equipment Manufacturers for the Computer & Informatics Centre of IIT Kharagpur.

Interested vendors are requested to send their sealed bids under a **two cover system** as per requirement mentioned in tender document, along with the Technical Specifications & Compliance Certificate (as mentioned in **Annexures – I**) of the tender document.

Details are also mentioned in the Institute website **www.iitkgp.ac.in** [link: tenders & quotations].

The final quotation for consideration is to be sent in a sealed packet, containing two separate sealed envelopes (**Technical Bid** and **Price Bid**) duly superscripted with Reference Number (**Tender Notice No. dated** to the Office of the Head, Computer and Informatics Center, Indian Institute of Technology, Kharagpur, P.O. Kharagpur Technology, PIN: 721 302 **on or before November 22th 2017 (Wednesday) at 3:00 pm.**

The **technical bids will be opened on November 22th 2017 (Wednesday) at 3:30 pm. in the Office of the Head, Computer & Informatics Centre, IIT Kharagpur** in the presence of the vendors/ or their authorized representatives and price bids will be opened (to be notified separately), only of those firms, who will be found technically qualified/short listed, after evaluation of their technical bids.

Yours sincerely,

Encl: **Annexure – I, II & III**

**Head,CIC
IIT Kharagpur**

Copy to:

- 1. Notice Board**
- 2. Institute website**

TECHNICAL SPECIFICATIONS FOR 10 KVA ONLINE UPS

SL.Nos.	Parameters	Minimum Specification
1	UPS Technology	IGBT Based Rectifier
2	Isolation Transformer	Inbuilt Isolation Transformer
Input		
3	Input Voltage	415 VAC
4	Phase	Three phase with Ground + neutral
5	Input Frequency	50 Hz
6	Frequency Tolerance	+/- 5%
7	Input Power Factor	0.95 or higher @ 100% load
8	Input Current THD	6% or less with full load
Output		
9	Output Power Capacity	8000 W / 10000 VA or higher
10	Nominal Output Voltage	230 VAC, Single-phase
11	Frequency	50 Hz
12	Efficiency at full load	90% or more
13	Freq. tolerance at battery mode	± 0.1%
14	Waveform	Pure Sine-wave
15	Current Crest Factor	3:1
Battery Charger		
16	Supported Battery Types	12V Sealed Lead Acid Maintenance Free
17	Battery Make	Exide Power Safe/ Amara Raja Quanta/ Panasonic
18	Backup Time	60 Minutes
19	Battery Bank Voltage	Minimum 192 VDC or higher
20	Battery Bank	No. of batteries and each battery AH rating should be specified.
21	Recharge Time	6-8 Hrs.
Bypass		
22	Bypass Type	Internal Automatic Bypass Capability
23	Bypass Input Voltage	230 VAC, Single-phase
24	Rated Frequency	50 Hz
Display and Alarm		
25	LED/LCD Panel Status	LCD display for Input & Output-Voltage, Current & frequency, Battery- Voltage & Current
26	Audible Alarm	Main Failure, Low Battery , UPS Warning, Overload, Fault & Bypass Mode etc.
Environmental		
27	Operating Temp	0 to 40 Deg C
28	Humidity	Upto 95% RH, non-condensing
29	Noise Level	75 dB or less @ 1 Meter
Certification & Warranty		
30	Certification	Should be ISO 9001,14001 (Copy must be attached)
31	Warranty	Should be 5 years for UPS & 2 years for batteries On-site Comprehensive OEM Warranty

GENERAL TERMS & CONDITIONS

Sealed quotations are invited from the OEM or their authorized distributors to Computer & Informatics Centre, IIT Kharagpur for procurement of 1 Nos. 10 KVA UPS System to meet the power requirement of the critical servers in CIC.

- (1) **Last Date of Submission of Sealed Bids: *November 22th 2017 (Wednesday) at 3:00 pm.***
- (2) **Date of opening of Sealed Bids: *November 22th 2017 (Wednesday) at 3:30 pm.***
- (3) If the bidder is not OEM, Letter of authorization from the OEM is to be submitted.
- (4) **Payment Terms:** After successful installation and commissioning, duly certified by the concerned Head of the Department/Centre. Vendor should submit the Bill along with Warranty Certificate duly sealed and signed.
- (5) **Warranty and Guarantee:** 5 (five) years on-site comprehensive OEM warranty on UPS and 2 (two) years on-site comprehensive warranty on Battery from the date of successful installation and commissioning.
- (6) **Service Engineer:** The UPS will support critical servers in CIC. The bidder should have at least one qualified service engineer posted near Kharagpur (within West Midnapur district) to attend any service call immediately. Any service call must be attended within 4 (four) hours from the time of reporting the problem. Name and address of all the Customer Support Engineers with their contact numbers along with escalation matrix, who will provide service support during the warranty period (without any financial involvement) be provided.
- (7) **Delivery of the Store Item:** Store item should be delivered within 30 days from the date of issue of the purchase order.
- (8) **Bidder should be ISO 9001:2000 Certified Company.** The relevant certificate with up-to-date validity should be enclosed in the bid.
- (9) **Price :** Price Should be **quoted only in Indian Rupees** on free delivery at site basis showing clearly the following break up :-
 - (a) Ex-works Price
 - (b) Packing & Forwarding
 - (c) Freight & Insurance
 - (d) Incidentals
 - (e) Taxes payable by the Institute.
- (10) **Conditional Offer** will not be accepted. No advance is payable against supply of stores.
- (11) **Period of Validity:** Bids shall remain valid for acceptance, at least for a period of 90 days from the date of opening of the price bid.
- (12) **Past Performance of the Vendors will be judged at the time of Technical Evaluation.**

- (13) **The Institute does not bind** itself to offer any explanation to those bidders whose technical bids have not been found acceptable by the Evaluation Committee of the Institute.
- (14) **Bidders should** enclose the following documents:-
- (i) Detail credentials of the Company
 - (ii) Current Income Tax & Sales Tax Clearance certificate GST and PAN No.
 - (iii) Summary of Audited Statement of Accounts and turn over for the last two years
 - (v) Name and address of minimum three clients to whom such equipment have been supplied.
- (15) The bid should also contain a signed “**compliance certificate**” **duly signed by the manufacturer** to the effect that items offered meet the tender specifications of the Institute.
- (16) **All tenders are to** be submitted over to the office of the Head, CIC, IIT Kharagpur, P.O.-Kharagpur Technology-721302 before the due date and time and acknowledgement to be obtained. In case due date happens to be a holiday, the tender will be accepted on the next working day.
- (17) **The person/officer signing** the tender/bid documents should be delegated with an appropriate Power of Attorney (duly endorsed by a Notary Public) by the Chief Executive Officer/MD of the Company to sign such documents.
- (18) **IMPORTANT**
- (i) The Director, IIT Kharagpur, may accept or reject any or all the bids in part or in full without assigning any reason and does not bind himself to accept the lowest bid.
 - (ii) The Institute at its discretion may change the quantity/upgrade the criteria/drop any item or part thereof, at any time before placing the Purchase Order. Institute at its discretion also reserves the right to verify information submitted and inspect the manufacturer facilities, if required to confirm their capabilities.
 - (iii) In case of any dispute, the decision of the Director, IIT Kharagpur shall be final and binding on the bidders.
 - (iv) For any query pertaining to this Bid document, correspondence may be addressed to :
- Head, Computer & Informatics Center.**
Indian Institute of Technology
Kharagpur - 721 302 (W.B)
Telephone: (03222) 282362
Email:head@cc.iitkgp.ernet.in

N.B.: Please Note that the Institute remains closed during Saturdays & Sundays.

ANNEXURE III

UPS QUOTATION FORMAT

NAME OF VENDOR _____

S N	Item Description	Rate Per Unit of UPS (Rs)	Rate Per Battery Set (Rs)	Total Cost per Unit with Battery (Rs)	Taxes if any (Rs)	Total Cost for One Unit of UPS (Including Taxes) Rs
1.	1 X 10 KVA Online UPS with 60 Minutes backup					