

School of Medical Science and Technology

INDIAN INSTITUTE OF TECHNOLOGY

KHARAGPUR-721302.

Enquiry No. IIT/SMST//ENQ-11/JC/2019 –2020, **Date:** 20.08.2019

Time and date for opening 11.00 AM, Dated 12.09.2019

Dear Sirs,

We intend to purchase the commodities specified below and invite quotations in accordance with the terms and conditions detailed on attached sheet. Interested parties may submit their sealed bids under **Two- Bid system** as per **Technical Specifications** given at **Annexure I**, and **General Terms & Conditions** and **Special instructions** given at **Annexure II and Annexure III**. Kindly refer to the Institute

website www.iitkgp.ac.in [link: Tenders] for complete tender details.

The tender be sent in a sealed packet, containing two separate sealed envelopes (one each for **Technical Bid** and **Price Bid**. The technical bid should not have any price indication. The technical bid will be evaluated first and price bids will be opened in respect of those OEMs/Vendors, who are found technically qualified after evaluation of Technical bids. Bids that are not following two-bid system will be cancelled.

If you are interested, kindly send your offer with precise and complete terms **on or before 10.30 AM, 12th September, 2019**. Two Bid Tender Document (Technical Bid and Financial Bid separately). **Tender opening will be done on 11.00 AM, 12th September, 2019 at Committee Room, Department of SMST.**

Yours faithfully

HEAD OF THE DEPARTMENT

Copy To:

1. Institute Website
2. CPPP (<https://eprocure.gov.in/epublish/app>)

Item No.	Description	Quantity
1	<p align="center">10 KVA UPS With 30 Minutes BACKUP</p> <p align="center">Note: 10kVA UPS with 65AH/12 Volts Batter</p> <p align="center">3 nos. buyback</p>	1

TECHNICAL SPECIFICATION FORM 10 KVA UPS WITH 30 Minutes BACKUP

Parameters		Specification
Technology		Microprocessor controlled IGBT based double conversion PWM True On-line UPS
		Built-in Isolation Transformer on the Inverted output
		Input & Output EMI filter
Input	Rated Voltage	380 VAC three-phase + N
	Voltage Range	±20%
	Frequency Range	60/50Hz ± 5%
	PF	>0.97
Battery	Type	Sealed Maintenance Free lead –Acid
	Make	Amara Raja Quanta/Exide Power Safe
	Backup Time	30 Minutes
	Total VAH	Minimum 8064 VAH
	Recharge Time	4-6 Hrs.
Output	Number of phase	Single Phase
	Voltage	230 V ±1%
	Frequency	50Hz
	Power Factor	0.8
	Freq. Stability	±0.05% (without AC input from mains)
	THD	<3% for linear load & <4% for non – linear load
	Crest factor	3:1
	Waveform	Pure Sine wave
	Overload capacity	125% for 10 mins., 150 for 30 seconds.
	Efficiency	AC to AC
Transfer time	Power cut or Power on	No break (0ms)
Environmental	Operating temp.	0-40°C
	Relative humidity	<90% non condensing
	Noise	<50dB at 1m
Indications	LCD Display	Input –Output Voltage & Freq., temp., charging & discharging current, load current percentage.
	LED light	Fault indicator, Load indicator, Bypass indicator, inverter Indicator, Battery Indicator.

	Mimic Display	Mimic diagram should be provided to know the status of the rectifier, inverter, battery and output.
Alarm	Utility disconnect battery exhausted Overload	Buzzer beeps once every 4 seconds Buzzer beeps once every one second Buzzer continuously beeps
Protection	Advanced Electronics protection for devices safety backed with MCB's / MCCB's , fast acting fuses, Short Circuit Protection etc.	
Fault Indication	In the event of an UPS fault, UPS should enters fault operation mode, the buzzer should beeps continuously and the data information area should shows fault code.	
Self Diagnostics	The system should provide “ EVENT RECORDING” FACILITY THROUGH SOFTWARE. The System should store at least last 300 events.	
Comm. Software	RS232/RS485	UPS monitoring & auto shutdown software
Generator Compatibility	UPS should be Generator compatible	
Misc.	Neutral and Ground should be having the same potential and this should be achieved with proper circuitry / PCB	
General & safety Standards	The system complies with the following safety & International standards:	
Certification	ISO 9001: 2015; ISO 14001:2004; ISO 50001: 2011 & OHSAS 18001:2007	

Note: 10kVA UPS with 65AH/12 Volts Batter 3 nos. buyback

Annexure II :GENERAL TERMS & CONDITIONS FOR SUPPLY OF THE STORES IN IIT KHARAGPUR

Please specifically indicate the following points in your quotations and comply the terms as mentioned hereunder :-

1. Tenders are invited complying the requirement for tender as detailed in the tender specification to be submitted in the Company's / Firms Letterhead neatly printed/ typed duly signed by authorized person with the seal of the bidders. All envelopes containing the tender should be properly sealed. Separate sealed envelopes should be used for Technical and Price Bid and indication to their effect may please be superscribed on the envelop.
2. Technical Catalogue/Leaflet should be enclosed without fail.
3. Please confirm whether you are authorized to quote on behalf of your principals and if so, please enclose a copy of such authorizations with your quotation.
4. Price Bids: Prices are to be quoted for door delivery at IIT Kharagpur, clearly showing the GST Rate. All prices should be quoted only in Indian rupees.

5. Period of Validity: Bids shall remain valid for acceptance for a period of 120 days from the date of opening.
6. Scope of supply: Should include Free Installation and Commissioning.
7. Payment Terms:
 - A) 100% payment shall be made after receipt of store in good order and condition and successful installation and thereafter certificate from the Concerned Head of the Department.
 - B) Ensure Mentioning
 - i) Bank Details of the Beneficiary and Pan Number.
 - ii) Full Name and Address of the Beneficiary on whom order has to be placed.
8. Whether any Export Licence is required from your Government, if so, please confirm with details.
9. Country of origin of the goods is to be mentioned.
10. The Custom Duty Exemption (51/96) Certificate will be provided by the Institute on request by the vendor.
11. Liquidated Damages: The stores should be delivered/ dispatched to destination and ready for operation not later than the delivery date specified. If the supplier fails to deliver any or all the stores or perform the service by the specified date, liquidated damages at 1% per month or part thereof in respect of the value of stores will be deducted from the contract price subject to a maximum of 5%. Alternatively, the order will be cancelled and the undelivered stores purchased from elsewhere at the risk and expense of supplier.
12. Patent Rights: The supplier shall indemnify the purchase against all third party claims of infringement of patent, trademark or Industrial Design Rights arising from use of the goods or any part thereof in India.
13. Only those Bidders who's Bids have been technically found acceptable will be invited for participation in the Price Bid.
14. Those Bidders who do not receive any communication for participation in Price Bid opening meeting may presume that their Bid has not been accepted by the Institute.
15. Conditional offer will not be accepted.

16. Late Tenders received after the due date and time of submission as mentioned above shall not be accepted.
17. Bidders to enclose the following documents:-
- A) Current Income Tax and Sales Tax Clearance Certificates and Pan No.
 - B) Customer Satisfaction Certificate from one such organization is to be attached with Technical Bid.
 - C) Name and Address of minimum three clients to whom such equipment have been supplied in the last three years should be mentioned.
18. Warranty / Guarantee: This comprehensive onsite Warranty / Guarantee shall remain valid for **1 years for machine**, after the goods (or any portion thereof as the case may be) have been delivered and commissioned to the final destination indicated in the contract.
19. Delivery Period: The stores should be supplied within 4-6 weeks from the date of issue of the Purchase Order.
20. The Institute does not bind itself to offer any explanation to those bidders whose Technical Bid has not been found acceptable by the Evaluation Committee of the Institute.
21. All Tenders (unless otherwise specified) are to be submitted / handed over to the Head, School of Medical Science and Technology, IIT, Kharagpur-721302

IMPORTANT

- (a) IIT Kharagpur authority may accept or reject any or all the Bids in part or in full without assigning any reason and does not bind itself to accept the Lowest Bid. 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.
- (b) Promptly make arrangements for repair and / or replacement of any damaged item (s) irrespective of settlement of claim.
- (c) In case of any dispute, the decision of the Institute authority shall be final and binding on the bidders.
- (d) For any query pertaining to this Bid Document correspondence may be addressed to Prof. J. Chatterjee (Head,SMST), School of Medical Science and Technology, IIT Kharagpur.

LAST DATE FOR SUBMISSION OF SEALED BIDS: 12-09-2019 at 10-30 AM

- 1) Please Note that the Institute remains closed during Saturdays & Sundays and all specified Institute Holidays.
- 2) Fax, e-mail Tender will not be accepted.
- 3) The General Terms and Conditions as stated above relate to supply of stores/ equipment assets etc. and for specific service other terms and conditions of the Institute will apply.

Opening of Technical Bids:

12st September, 2019 at 11.00 AM.

Annexure III

FORMAT FOR PRICE BID

Format to be filled up by the Agency

Tender No. : _____ Dated: _____

1. Name of Tender: _____

2. Name of Firm/ Bidder : _____

3. Address : _____

4. Phone / Fax/ Mobile / E-mail : _____

Sl. No.	Description	Unit Basic Price (inRs.)	GST	Total (All Inclusive) (in Rs.) (=+)
1.	<p>_____</p> <p>_____</p> <p>Brand :</p> <p>Model:</p>			

Signature of the Bidder

with Seal