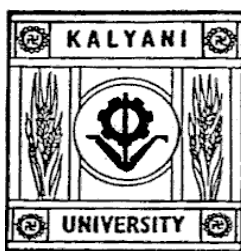


# UNIVERSITY OF KALYANI



## NOTICE INVITING TENDER

**Tender Ref. No.: NIT/KU/CIRM/OnUPS/2025-26**

**Dated: July 10, 2025**

Sealed Tender is invited by the University of Kalyani for **Purchase of 10 KVA Online UPS**, University of Kalyani.

Interested bidders may follow the instructions as given below for submission of their tender. Tender documents may be downloaded from the University website [www.klyuniv.ac.in](http://www.klyuniv.ac.in) and the same after filled up must be submitted in a sealed envelope addressed to **the CIRM Office, University of Kalyani**.

<b>Last date of receiving tender document: 25/07/2025 up to 4 p.m.</b>
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- For specification of items please refer **Annexure-A** of the Tender Documents
- For furnishing basic information about the bidder, please refer **Annexure- B** of the Tender Document
- For submission of Quotation, Bidder must follow the Price Bid Format vide **Annexure – C** of the Tender Document.
- For Terms and Conditions, Bidder must follow **Annexure-D** of the Tender Document.

Sd/-

**System-in-Charge  
University of Kalyani  
Kalyani, Nadia-741235**

## Technical Specification:

	Rating	10KVA/10kw ( 1 ph i/p -1Ph O/p / 3 Ph i/p -1 phase o/p )
<b>System parameter</b>	Technology	IGBT based Double conversion PWM based online UPS
	Parallel mode	The UPS should have a provision of connecting upto 4 (N+1) units
	Installation mode	Rack mount or Tower
<b>Input</b>	Rated voltage	400VAC 3-phase,4-wire
	Volatge Range	Three phase 175VAC -498VAC
	Rated Frequency	50Hz/60Hz
	Frequency Range	40Hz ~ 70Hz
	Power factor	0.95 for Three Phase
<b>OUTPUT</b>	Rated power	10KVA/10kw
	Voltage	230vac Single phase
	Frequency synchronization range	Rated frequency $\pm$ 3Hz. Configurable range: $\pm$ 0.5Hz ~ $\pm$ 5Hz
	Rated Power Factor	Unity
	Crest Factor	03:01
	Voltage harmonic distortion	< 2% (linear load)
	Voltage Regulation	1%
	Dynamic response recovery time	60ms
	Inverter Overload Capability on utility mode	At 25°C: 105% ~ 125%- 10min; 125% ~ 150%-1min; 150%- more than 200ms
	Programmable Outlet	Should be available for critical load
	Inverter Overload Capability on battery mode	At 25°C :105% ~125%-60~ 30 s; >125%- more than 200ms
<b>Bypass</b>	Seperate bypass	Should be available
	Static bypass	Inbuilt
<b>Efficiency</b>	ECO Mode	99%
	Online mode (AC-AC)	> 95%
	Inverter Efficiency(DC-AC)	>92%
<b>Transfer Time</b>	Mains - Battery	0ms
	Inverter-Bypass	Synchronous transfer: $\leq$ 0ms
		Asynchronous transfer (default): $\leq$ 20ms
	Transient Response	on 0 to 100% transient response should be less than or equal to +/- 30% for 5ms duration (Prove test certificate required from any Govt. authorized lab)
<b>Noise</b>		<65db or better
<b>Panel display mode</b>	Display type	The UPS should have Gravity sense LCD Display for work on RACK mount or Floor mount installation as per requirement.
	No of events stored	Max 256
<b>Environmental parameter</b>	Operating temperature	0°C ~ 50°C
	Storage temperature	-40°C ~ +70°C (battery excluded); -25°C ~ +55°C (battery included)
	Relative humidity	5%RH ~ 95%RH, non-condensing
	Altitude	$\leq$ 3000m; derating when higher than 3000m (prove high efficiency circuit breaker characteristics)
	Seismic proof design	Yes
	Lightning and Surge Protection	The UPS should have inbuilt transient voltage surge suppression device.
<b>Mechanical parameter</b>	Ventilation	Forced -air cooled
	Ingress protection level	IP20
	Color	Powder coated Black Texture finish
	Cable entry	Rear
<b>Network Management</b>	Smart RS232/USB	The UPS should have inbuilt SNMP RS232 interface for Power management from SNMP manager and web browser (Prove test certificate required from any Govt. authorized lab).
	Webpage Monitoring	Should be Inbuilt for web monitoring
	Optional SNMP	Power management from SNMP manager and web browser
	Dry contacts	Inbuilt
	Modbus	Should be Inbuilt via multifunction port
<b>Certifications</b>	Safety (CE)	IEC/EN62040-1-1
	Electromagnetic Compatibility(EMC)	IEC/EN62040-2, IEC/EN61000-3-11, IEC/EN61000-3-12
	Surge Protection	IEC/EN62040-2, meeting IEC/EN61000-4-5

	ROHS	Yes
	Quality standard	IS 9001-2015
	Environment standard	ISO 14001
	OSHAS	ISO 45001
	IT security management	ISO 27001
<b>Test report / MAF</b>	NABL Approved Government lab test report	Mandatory
	Manufacturer's Authorization	Tender specific MAF is mandatory.

**BASIC INFORMATION FOR BIDDER**  
(To be furnished in the Company's official letter pad)

1	Name of the Bidder	:	
2	Address for Communication	:	
3	Contact Number(s)	:	
4	E-mail ID	:	
5	Trade License No. (Please enclose copy of Trade License)	:	
6	PAN (Please enclose copy of PAN Card)	:	
7	GST Registration No.(Please enclose copy of GST Registration Certificate)	:	
8	Do you have previous experience for doing similar nature of Items at Educational Institute of Higher Learning (Please enclose copy of Purchase order, if yes)	:	Yes/No (Please put tick mark)
9	Annual Turnover as per Audited Statement of Accounts	:	2022-23: Rs..... 2023-24: Rs..... 2024-25: Rs.....  Average Annual Turnover: Rs.....
10	Full Address of the Office in Kolkata or its surrounding area with contact person & contact no.	:	

I hereby declare that the above information is true and correct to the best of my Knowledge and belief. In case of any false/wrong/misleading information, I shall be bound to take the decision taken by the University.

**Signature of the Bidder**  
**(With Seal)**

## Annexure – C

**PRICE BID FORMAT (To be prepared in Letter Head/Official Pad of the bidder)**

Sl. No.	Item	Quantity	Basic Price of quoted materials In INR	Discount, if any, in INR	GST @ 18% on Basic Price after Discount in INR	Other Costs, if any, in INR	Total Cost in INR
	<b>Annexure A</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6=2-3+4+5</b>
1.	10 KVA Online UPS	01 No.					
2.	Buyback 20 KVA Online UPS	01 No.					
3	Integration and Installation with existing setup	LUMSUM					
<b>Total Cost ( Including GST)</b>							

**Signature of the Bidder  
(With Seal)**

## **TERMS AND CONDITIONS**

### **1. Bid Price:**

- a) Bid must be submitted properly. Corrections, if any, shall be made by crossing out accompanied with initial of the bidder and re writing.
- b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price but should be indicated separately in the price bid.
- c) The rate quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- d) Bidder must mention the name of manufacturer and model number for each of the item.
- e) Bidder must quote for all the items. Partial quotation will not be accepted and tender will be rejected in that

**2. Date of Submission:** Last date for submission on 25th July, 2025 up to 4 p.m.

3. Evaluation of Quotation: The Purchaser will evaluate and compare the quotations determined to be substantially responsive.

4. Award of Contract: The purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive both technically and commercially. Purchaser reserves the right to reject any or all the tender, wholly or partly, without assigning any reason thereof and shall not be bound to accept the lowest bid.

5. Document in support of Manufacturer/Dealer and Service Provider has to be submitted along with the tender paper.

6. Documents of previous experience for similar trade, at least for last 2 years, must be submitted along with the tender.

7. Bidder must have adequate documents relating to Trade License and updated returns for Income Tax, Professional Tax, and GST.

8. Time Schedule: The supply must be completed within 15 days from the date of receipt of the purchase order.

**9. Validity of offer:** A bidder should spell out in the tender that it shall remain valid for a minimum period of six(6) months from the date of opening of the tender and during this period, the bidder shall not be entitled to revoke or cancel its offer.

**10. Make & Model:** Bidder must mention Make and Model and must submit the product details/catalogue/brochure along with complete technical specifications.

11. Bidder must enclose Technical Compliance Sheet.

**12. Place of delivery:** Centre for Information Resource Management (CIRM), University of Kalyani, Kalyani, Nadia-741 235, West Bengal.

**13. Warranty:** The equipment covered under the purchase order, when installed, shall be warranted for the quality, workmanship, trouble free operation and performance for a period as stated in the technical specification from the date of putting the system into operation at the CIRM, University of Kalyani.

14. In case of any dispute, the University's decision will be treated as the final and conclusive. All legal actions are subject to Kolkata jurisdiction only.

15. Quotation must be submitted through official pad of the bidder duly signed with seal and contact numbers of the respective person of the bidder concern.
16. University may take decision about non-purchase of the said items even after selection of vendor due to its fund constraints.
17. University of Kalyani reserves the right to relax any clause as stated hereinabove for Selection of suitable vender.
18. Bidder must complete the entire work within 10 working days from the date of issuing Work Order. Payment in advance will not be made. Payment will be made after successful supply and installation of work in full.
19. In case of incomplete work on the part of the bidder due to the reason not caused for University administration, bidder should solely be liable to complete the work. Abnormal delay will cause penalty @10% on the value of work certified by the University if the work is actually completed. Otherwise, the cost for completion of the work by another vendor will be deducted from the payable amount of the bidder along with penalty charges @ 10% of the value of work certified by the University for the incomplete work will be applicable.
- 20. Technical Compliance:** Bidder must provide Technical Compliance Sheet duly certified by OEM as per the Tender Specification. Any non-compliance will lead to rejection of tender.
- 21. Manufacturer's Authorisation:** Bidder must provide Tender specific OEM Authorisation for Online UPS.
- 22. Credentials:** Documents of supplying similar items in last five financial years in an Institute of Higher Learning must be submitted along with the tender. Bidder must submit User List with copy of Purchase Order ensuring sale of similar items in reputed institutes/offices in last five financial years.
- 23. Adequate support service facility:** The bidder/manufacturer should have adequate service and accessories support center in Kolkata/Kalyani or around 80 KM radius distance from University premises for any emergency breakdown/fault offering facility within 48 hours and should be agreeable to provide AMC facility after the warranty period. Organization along with dedicated Toll Free no & Escalation matrix, Service ISO Certificate and Calibration certificate need to attach.

Sd/-

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