

UNIVERSITY OF KERALA

Thiruvananthapuram, Kerala, India – 695034

(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala State Legislative Assembly)
(Re-accredited by NAAC with 'A⁺⁺' Grade)

60906/Ad BIV A/2024/UOK

09.02.2025

E-TENDER NOTICE

Competitive E-Tenders are invited from the Original Equipment Manufacturers or their Authorised Dealers within Kerala for the supply and installation of **3 numbers of 10KVA UPS with 60 numbers of 65Ah SMF-VRLA type Batteries**, on the **buy back of two numbers of Hykon make 2KVA online UPS, one number of Igatech make 3KVA Online UPS and two numbers of Igatech make 5KVA online UPS**, for the Department of Computer Science, University of Kerala, Kariavattom, as per the minimum specification and terms of condition mentioned in this Tender Document.

1.	Name of the Work/Items	Supply & Installation of three numbers of 10KVA UPS with 60 numbers of 65Ah SMF-VRLA type Batteries, on the buy back of two numbers of Hykon make 2KVA online UPS, one number of Igatech make 3KVA Online UPS and two numbers of Igatech make 5KVA online UPS, for the Department of Computer Science, University of Kerala, Kariavattom
2.	Bid Submission Start Date	14.02.2025
3.	Last date & time for the submission of Tender online	03.03.2025 05.00 p.m.
4.	Date & Time of opening of the Bid	05.03.2025 11.30 a.m.
5.	Tender Reference No.	60906/Ad BIV A/2024/UOK
6.	Cost of Tender Form/Tender Submission Fee	Rs. 1,770/-
7.	Earnest Money Deposit	Rs. 7,500/-
8.	For Technical Details contact	1. Head of the Department Department of Computer Science University of Kerala, Kariavattom Trivandrum - 695 581 Phone : 9446100484 2. The Scientific Officer



The Tender form can be downloaded from : www.etender.kerala.gov.in. The cost of Tender Form and EMD prescribed above should be remitted online through www.etender.kerala.gov.in. The cost of Tender Form will not be refunded.

Terms and Conditions

1. The Bidder should be a manufacturer or their dealer specifically authorised by the manufacturer to quote on their behalf for this tender as per Manufacturer Authorisation Form and Indian agents of foreign principals, if any. Equipment must be of the most recent series/models incorporating the latest improvements in design. The models should be in successful operation for at least one year as on date of Bid Opening.
2. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.
3. The price should be inclusive of all taxes, duties, transportation, installation, etc. Nothing extra will be paid in addition to the quoted rate.
4. **Validity of tender:** Tender submitted shall remain valid at least for 180 days from the date of opening the tender. Validity beyond six months from the date of opening of the tender shall be by mutual consent.
5. **Delivery and installation:** Proposed delivery schedule should be mentioned clearly. Delivery and installation should be made at Department of Computer Science, University of Kerala, Kariavattom campus, Trivandrum 695581, without any extra cost. Complete installation, testing and demonstration of the system and day-to-day maintenance are to be provided at site.
6. **Service Facility:** Supplier should mention their details of service setup and manpower in Trivandrum, who are responsible for after sales support.
7. The model number, make and a printed literature of the product shall submit positively.
8. In case of any dispute, the decision of the University authority shall be final and binding on the bidders.
9. The undersigned reserves the right to reject any or all of the Tenders received without assigning any reason thereof.
10. Every Tenderer should submit a Tender Fee of Rs. 1,770/-.
11. Every Tenderer should submit an Earnest Money Deposit (EMD) of Rs. 7,500/-.



12. Full payment will be made only after satisfactory completion of the supply& installation of the items at the Department of Computer Science, University of Kerala, Kariavattom and advance payment will not be allowed under any circumstances.

13. No part payment shall be made.

14. Compliance Statement should be submitted that includes all parametres as in specification.

15. Complaints if any with the items supplied should be rectified/replaced to the satisfaction of the Department by the suppliers at their own cost.

16. Detailed Financial Bids should be separately submitted (in pdf format).

17. Payment will be made only after the items are actually verified and taken into stock. The Bidder will produce stamped pre-receipted invoices for the release on the payment.

18. All the documents mentioned shall be submitted without fail.

19. All the documents must be typed & clear.

20. **Period of Completion:-** The supply shall be completed at the proposed site within a period of 7 days from the date of placing the Supply Orders.

21. General rules relating to purchase of materials/equipment will also applicable to this Tender.

Documents to be uploaded

1. Signed Compliance Matrix
2. Detailed Technical Brochure
3. BoQ
4. Detailed Financial Bid in pdf format

TECHNICAL SPECIFICATIONS & COMPLIANCE STATEMENT

Name of the Item: 10 KVA Online UPS Quantity: 3 Nos.				
Sl. No	Parts	Description of Requirement	Compliance Yes/No	Remarks
1.	Capacity/Rating	10KVA		
2.	Technology	High frequency switching double conversion, IGBT based, true on line with built in isolation		
3.	Waveform	Pure Sine Wave		
4.	Input Voltage	110 - 270V		
5.	Input Power Factor	>0.90		
6.	Output Voltage	208V/220/230/240VAC		
7.	Output Power Factor	0.9 or better		
8.	Inverter Efficiency	>92%		



9.	Crest Factor	3:1		
10.	Overload on Batteries	125% for at least 10 min.		
11.	By Pass Switches	Built in Static/Automatic Bi-Directional Type		
12.	Protection	Input Over/Under Voltage, Output Overload, Short Circuit, Battery Low/High, Battery reversed polarity, Protection for IGBT & Thermal overload		
13.	Display	LCD		
14.	Alarms	Audible Alarms should be provided for Mains Fail, Battery Low and Fault Conditions.		
15.	Operating Conditions	0-40 degC, 0-90% RH maximum, non-condensing audible Noise - 50dB at front 1 meter or better		
16.	Cooling	Air forced type		
17.	Batteries	65Ah, SMF - VRLA type (Total 60 Batteries for three numbers of 10 KVA UPS)		
18.	Additional Accessories	Battery Rack, Connecting Cables		
19.	Make of Batteries	EXIDE/AMARON/HBL/PANASONIC		
20.	Regulations	Surge - IEC 61000-4-5 Level 4, CE Marked, BIS		
21.	Warranty	Minimum 4 year for UPS and 3 year for Batteries		

Items to be Buy backed		
Sl. No.	Name of the Item	Quantity
1.	2 KVA Online UPS (Hykon)	2 Nos. (without Battery)
2.	3 KVA Online UPS (Igatech)	1 No. (without Battery)
3.	5 KVA Online UPS (Igatech)	2 Nos. (without Battery)

REGISTRAR

The document is digitally approved. Hence signature is not needed.

