

2. Tender Notice

E-Tenders are invited from the reputed firms for Supply and Installation of various equipment (**Storage - 5 TB, Tripod, Web Camera and 5KVA UPS**) for the Onscreen Evaluation in connection with the Student Life Cycle Management (SLCM) System, University of Kerala, Senate House Campus, Palayam, as per the minimum specification and terms of condition mentioned in the document.

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

1.	Name of work /Items	Supply and Installation of various equipment (Storage - 5 TB, Tripod, Web Camera and 5KVA UPS) for the Onscreen Evaluation in connection with the Student Life Cycle Management (SLCM) System, University of Kerala, Senate House Campus, Palayam
2.	Tender No.	No. 38382/Ad B IV A/2023/UOK
3.	Cost of tender form/ Tender Submission Fee	Rs. 2,500/-
4.	Earnest Money Deposit	Rs. 7,500/-
5.	Period of Completion of supply of items	15 days
6.	Start Date of issue	20.09.2023
7.	Last Date of receipt of Tender/ Bid closing	09.10.2023 5.00 P.M.
8.	Date and time of Opening of tender	11.10.2023 10.00 A.M.

3. General Tender Terms & Conditions for technical verification

1. Bidders who are black listed by State / Central Government departments and organizations are not eligible to participate in this tender and such bids will be summarily rejected.

2. The bidder should have registered office/Own service centre in Kerala preferably in Thiruvananthapuram.



3 . Compliance Statement should be submitted separately that includes all parameters including Make and Model of the quoted item, as in specification.

4. Detailed equipment data sheet should be submitted

5. All the items must have a warranty period, as mentioned in the specification.

4. Technical Specification and compliance statement

1. Storage (5 TB) - 2 Nos.

Specify Make/Model:			
Sl. No.	Specification	Compliance (Yes/No)	Remarks
1.	External Hard Disk with 3 year warranty, USB 3,0 or above, 5TB, compatible with Ubuntu Operating system.		

2. Tripod - 20 Nos.

Specify Make/Model:			
Sl. No.	Specification	Compliance (Yes/No)	Remarks
1.	BROLAVIYA or equivalent overhead video mobile stand with RGB colour 10 inch ring light with accessories to connect Mobile/Webcam/Digital camera etc.		

3. Web Camera - 20 Nos.

Specify Make/Model:			
Sl. No.	Specification	Compliance (Yes/No)	Remarks
1.	Logitech C922 Pro Stream Webcam or equivalent		

4. UPS 5KVA (1Phase-1Phase) Backup for 1 HR - 2 Nos.

Specify Make/Model:				
Description				
Sl. No.	Parameter	Specification	Compliance (Yes/No)	Remarks
1.	Phase	Single Phase In and Single phase Out		
2.	Type	Online Double Conversion		



3.	Minimum Backup Time	Minimum 1 hour backup on full load, Battery Calculation chart needed		
4.	Battery	Battery Bank should be of suitable size of 12V Sealed Maintenance Free, VRLA batteries in suitable numbers and ampere hour capacity for 5 kVA UPS for providing 1 hour back up time at full load with interconnecting cables, mounting racks/stands for stacking the batteries, along with standard accessories etc.		
5.	Battery Make	Exide /Quanta/Panasonic/HBL.		
Input				
6.	Input Voltage Range	230 VAC (-20% to + 20%)		
7.	Input Frequency Range (Hz)	50 Hz+/- 5%		
8.	Power Factor	0.95 or better		
Output				
9.	Voltage	230 V +/- 1% V		
10.	Voltage Regulation	+ /- 1%		
11.	Frequency (Synchronized range)	45-55 Hz		
12.	Frequency (Battery or free running mode)	50 Hz +/- 1 Hz.		
13.	Output Waveform	Sine wave		
14.	Crest Factor	3:1		
15.	Efficiency (AC - AC)	90% or above.		
16.	Power Factor	0.8 or better		
17.	Isolation	Isolation Transformer - inbuilt		
18.	Overload capacity	110% for 3 Min, 120% for 1 Min.		
19.	Transfer Time (Mains to Battery)	0 ms		
20.	Bypass	Static bypass		
21.	Display	LCD		



22.	Communication Interface	Internal SNMP Card with required interface		
23.	Protection	Over Load, Surge protection, Input fault, Output short circuit, Charging Current protection, Inverter over temperature		
24.	Noise Level	<55 dB at 1 meter.		
25.	Operating Temperature	0 to 50 degrees		
26.	Warranty	2 years for UPS and battery		

5. Terms and conditions

1. The Bidder shall quote price in clear terms. The rates quoted must be inclusive of all taxes, cost of supply at site, warranty and installation charges etc...
2. The price should be quoted only in Indian rupees. The bid shall be typed and signed by the bidder.
3. All the documents mentioned shall be submitted without fail.
4. All the documents must be typed and clear.
5. Detailed specifications of the items together with quantity required are available within the BOQ appended to the tender notification.
6. Item Wise Technical/Financial Evaluation is applicable to this tender.
7. **Validity:-** The Bid will be valid for 180 days from its date of opening. Further extension can be done by mutual consent.
8. **Delivery :-** The item should be delivered at the Examination Store, University of Kerala, Senate House Campus, Palayam.
9. **Installation :-** The items shall be installed at the office of Senate House Campus, University of Kerala, Palayam.
10. **Period of Completion:-** The supply and installation shall be completed within a period 15 days from date of placing the Supply Order.
11. **Payment: -** The Full payment will be made only after successful completion of the supply and the installation of items and advance payment will not be allowed under any circumstances. No part payments shall be made.
12. Complaints if any with the items supplied should be rectified/replaced to the satisfaction of the University by the suppliers at their own cost.
13. The undersigned reserves the right to reject or accept any or all the tenders received



fully or partly without assigning any reason thereof.

14. General rules relating to purchase of materials/equipment will also applicable to this tender.

Prof. (Dr.) K S Anil Kumar
Registrar

