



e-Tender for Power Backup System

Educational Multimedia Research Centre (EMRC), University of Kashmir, Hazratbal, Srinagar, invites e-tender **for SITC for Power Backup System**, from OEM's or their authorized bidders in two-bids system on e-procurement portal **www.jktenders.gov.in**. The Bidding documents consisting of qualifying information, eligibility criteria, specifications, Drawings, bill of quantities (B.O.Q), Set of terms and conditions of contract and other details can be seen/downloaded from the departmental website or www.jktenders.gov.in as per schedule of dates given below:

1	Date of Issue of Tender Notice	26.12.2025
2	Period of downloading of bidding documents	27.12.2025 10 AM
3	Bid submission Start Date	28.12.2025 10 AM
4	Bid submission End Date	15.12.2025 5 PM
5	Date & time of opening of Technical Bid (Online)	16.12.2025 at 11AM
6	Date & time of opening of Financial Bid (Online)	To be Communicated

Terms & Conditions:

1. The bidders shall inspect and examine the site and shall satisfy himself before submitting this tender, no extra shall be payable for non-awareness of the site /equipment condition and constraints thereof. **The work includes dismantling of existing UPS with Battery Bank** including cabling etc.
2. All bidders shall upload Copies of original documents defining constitution/ legal status, place of registration and principal place of Business with Cell No. & correspondence address. Bidders must have functional Service Centre in the UT of J&K.
3. All bidders shall upload Scanned copy of GSTIN registration and latest clearance certificate FORM GST-3B of the last quarter/preceding Month to the Issuance of NIT.
4. The Lowest bidder L1 also called the successful Bidder has to produce a performance security amount equal to 3% of the contract value in the shape of PBG pledged to Director, EMRC, University of Kashmir immediately after the opening of financial bids, but prior to fixation of contract. The same shall be released after the successful completion of the Defect Liability Period (DLP). However the EMD/CDR shall be released after issuance of formal PO. The DLP shall be Calculated from date of certified completion of work and period shall be 6 months.
5. The registered bidders have to submit EMD/CDR of **Rs 15000/-** and Tender Document Fee of **Rs 500/-**. The Date of Tender document fee and EMD/CDR must be

between the date of start of bid and Bid Submission end date. Hardcopies must be submitted within the bid-closing period.

6. The bids for the work shall remain valid for a period of 90 days from the date of opening of Technical bids.
7. The bidder must mention Make/Model clearly in the bid and compliance with this tender document.
8. The Centre already has 125KVA, 3 Phase, 174 Amps isolation transformer installed, bidders need to quote the UPS **without** isolation transformer. However Cabling from Electrical Panel of the Isolation Transformer and to UPS & Battery bank will be the responsibility of the bidder.
9. Proposal should be for a complete system from OEM registered & authorized suppliers only. OEM Authorization certificate MAF need to be submitted.
10. The rates quoted by the bidder shall be firm and final and inclusive of all taxes and duties. Nothing shall be paid extra. No escalation of whatsoever nature shall be payable.
11. The copy of the proof for having carried out similar works for the last three financial years in the business of dealing sales/service of UPS of Branded make should be enclosed with the tender.
12. If any accident takes place at the site during the routine and preventive maintenance, it will be the responsibility of the contractor to indemnify the department of any losses arising out of such accidents/ losses theft etc.
13. On acceptance of tender and its communication to the successful bidder, the same shall be binding upon the party.
14. In case the agency fails to execute the work, the performance security in the shape of CDR/FDR/BG and normal deposit shall be liable for forfeiture besides initiating other punitive actions against the defaulter without serving any notice.
15. EMRC reserves the right to either increase or decrease the quantity of any or all the items. Also, EMRC reserves the right to alter/modify the scope of work mentioned in this RFP document at any state of the bidding process and contract as per the requirements on site.
16. EMRC also reserves the right to negotiate with potential bidder/s so that its best interest to fulfill the need of project is served.
17. Transportation of the Materiel on site and taking away of batteries under buyback shall be the responsibility of the bidder.
18. UPS & Batteries shall be under standard warranty as per OEM.
19. Bidders are requested to quote their best possible prices with minimum profit margin & offer special discount on quoted price, as the setup is strictly required for educational purpose only. The tenderer should certify the completeness of the system in all respect.

20. Courts of J&K shall have the exclusive jurisdiction.

Evaluation Criteria:

The broad guidelines for evaluation of Bids will be as follows:

- i. Only those Bids will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the Bid/ATC, both technically and commercially.
- ii. The technical bids forwarded by the Bidders will be evaluated by the Buyer with reference to the technical specifications of the equipment/items/services and terms & conditions as mentioned in the Bid. The compliance of Technical Bids would clear the technical evaluation.
- iii. The Lowest Bid will be decided upon the lowest price of overall contract value quoted by the particular Bidder including GST
- iv. The Lowest Acceptable Bid will be considered further for placement of contract/ services after complete clarification and price negotiations as decided by the Buyer.

Bill of Materiel:

S.No	Item	Qty	Unit
1	SITC of 10KVA UPS With 12 No. of SMF Batteries (100Ah, 12V)	1	Job
2	SITC of 100 Ah, 12V SMF Batteries for 40KVA UPS with minimum 2 Year Warranty	30	Nos
3	Buyback of 40 SMF Batteries 100 AH, 12 Volt (30 Batteries Make Exide, 10 Batteries Make Rocket) and 1 No. 150Ah, 12 Volts Generator Battery (Amaron Hiway)	41	Nos

Please note rate for item No. 2 in the BOQ should be equal to (Item 2 cost – Item 3 buy back cost of the old batteries)

Specifications:

	Rating	Min. 10KVA/10kw (3 in-1 out)
System parameter	Technology	IGBT based Double conversion PWM based online UPS or better
	Installation mode	Tower
Input	Rated voltage	400VAC 3-phase,4-wire
	Volatge Range	Three phase 175VAC -498VAC
	Rated Frequency	50Hz
	Frequency Range	Within 40Hz ~ 70Hz
	I/p phase reversal protection and correction	Yes
	Power factor	>=0.99 for Single Phase/0.95 for Three Phase
OUTPUT	Rated power	10KVA/10kw
	Voltage	Single Phase 230/220 Vac.
	Frequency synchronization range	Rated frequency±3Hz. Configurable range: ±0.5Hz ~ ±5Hz
	Rated Power Factor	Unity
	Crest Factor	3:1'

	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
	Inverter Overload Capability on battery mode	At 25°C :105% ~125%-60~ 30 s; >125%- more than 200ms
	Isolation transformer	Inbuilt at o/p side
Bypass	Separate bypass	Yes
	Maintenance Bypass	Inbuilt
	Static bypass	Inbuilt
Efficiency	ECO Mode	94% or better
	Online mode (AC-AC)	> 91% or better
	Inverter Efficiency(DC-AC)	>88% or better
BATTERY	Type	SMF
	Number of batteries	12 along with Battery Interconnecting Wires (Battery Rack Available)
	Battery charging capacity	8A
Transfer Time	Mains - Battery	0 ms
	Inverter-Bypass	Synchronous transfer: ≤0ms
		Asynchronous transfer (default): ≤20ms
Noise		<65db
Panel display	Display type	Graphical LCD display or better
Environmental parameter	Operating temperature	-10°C ~ 40°C
	Storage temperature	-40°C ~ +70°C (battery excluded); -25°C ~ +55°C (battery included)
	Relative humidity	5%RH ~ 95%RH, non-condensing
	Altitude	≤3000m; derating when higher than 3000m
Mechanical parameter	W*D*H (mm)	Min. 500 X 600 X 700
	Weight (Kg)	Min. 130
	Ventilation	Forced -air cooled or better
	Ingress protection level	IP20 or better
	Color	Powder coated Black Texture finish
	Cable entry	Rear
	Castor Wheels	Available for mobility
Network Management	Smart RS232/USB	Supports Windows 2000/2003/XP/Vista/2008,Windows 7,Linux, unix and MAC
	SNMP	Inbuilt for web monitoring
	Optional SNMP	Power management from SNMP manager and web browser
	Management software	Site monitor
	Dry Contacts	Inbuilt
	Modbus	Inbuilt via multifunction port
Complying Standards	Safety (CE)	IEC/EN62040-1-, (1Set of Rubber Gloves (Stanley or better) have to be supplied along with UPS)
	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 Compliant	Yes
	NABL Approved government lab test report .	Certificate Attached

The tender/bid is liable to rejection if it does not fulfill the requirements as laid down in NIT. Further details can be obtained from the office of the undersigned on any working day.

Sd/-
Dr. Salima Jan
Director

No.3/EMRC/KU/UPS/2025-26

Dated: 26-11-2025

Copy to:

- ❖ **Public Relation Officer, University of Kashmir, for wide publicity through press;**
- ❖ **Director, IT&SS, with the request to please put it on the University website;**
- ❖ **EMRC website;**
- ❖ **Master/Office file**

