KANNUR UNIVERSITY

(PURCHASE & INVENTORY CONTROL OFFICE 'B' SECTION)

TENDER NOTICE

PLD/PICO B4/9518/2024 Dated 24.01.2026

Sealed tenders with superscription "Supply and Installation, of 3 KVA Solar Inverter with Battery " are invited from eligible, reputed, and bonafide agencies for supply and Installation of 3 KVA Solar Inverter with Battery at the Ladies Hostel, Dharmasala Campus, Kannur University as per the technical specifications and schedule given below. The rate quoted should be inclusive of all taxes, installation charges and other charges. The Registrar, Kannur University reserves the right to accept or reject the tenders without assigning any reason thereof.

TENDER SCHEDULE

TENDER NOTICE NO	**PLD/PICO B4/9518/2024**
NAME OF WORK	Supply and Installation of 3 KVA Solar Inverter with Battery at the Ladies Hostel, Dharmasala Campus
TENDER SUBMISSION FEE	Rs.500/- + 18% GST
E.M.D.	Rs.2700/-
MODE OF PAYMENT	Demand Draft
BID SUBMISSION END DATE AND TIME	**09/02/2026 at 2.00 pm**
BID OPENING DATE AND TIME	**09/02/2026 at 3.00 pm**

TECHNICAL SPECIFICATIONS

SPECIFICATION		
Sl. No	*Technical Specifications*	
1	Rated output power of Integrated Offline SPV UPS in KVA.	3
2	Sequence of power drawing	(Solar/Battery/Grid)
3	Conversion technology (Switching medium).	IGBT
4	No. of Phase (in Nos.).	1
5	Inverter output wave form.	Pure sine wave
6	Whether inverter MPPT based.	Yes
7	No. of MPPT (in Nos.).	1

8	Operating Voltage Range, DC, Solar Input	180V-400V DC
9	Cooling medium for Integrated online SPV UPS.	AC fan cooling
10	Manual switch for disconnecting Solar DC supply.	Yes
11	Integrated offline SPV inverter mounting type.	Floor Mount
12	Power Rating of Convertor AC in Watts	3 KW
13	Input Voltage Range converter AC.	100-280 V AC 1 PHASE
14	Frequency range AC input.	50Hz+/- 3%
15	Type of Invertor Output (AC/DC)	AC
16	Invertor Output Voltage and Power.	230 V AC, 3000 W
17	Frequency range output.	50 Hz +/-1
18	Type of Battery.	EXIDE EL Series
19	Warranty of Solar Photovoltaic Panels in Years.	20
20	Output over current protection.	Yes
21	Output over voltage protection.	Yes
22	Short circuit protection.	Yes
23	Battery low warning	Yes
24	Battery low trip	Yes
25	Controls	Programmed microcontroller based
26	THD (in %).	<3%
27	Power factor at rated output power.	1
28	Material of mounting structure.	Galvanized steel
29	Cable size for input side (PV Module to Inverter, DC) (in Sq. mm) / Conductor material / No. of core.	As per IS:694 16 Sq. Mm / Copper / Single core
30	Cabling work at input side for each system	With PVC Conduit pipe with necessary clamps and screws
31	Lightning Protection as per Electrical Standards.	As per Electrical Standards

TERMS AND CONDITIONS

Tender form and General Conditions can be downloaded from University Website www.kannuruniversity.ac.in.

The acceptance of Tenders will be subject to the following conditions:

1. A sum of Rs.500/- + 18% GST towards tender fee and Rs.2,700/- as EMD should be remitted by way of Demand Draft drawn in favour of the Finance Office, Kannur University, payable at Kannur.
2. The rate tendered should be inclusive of all taxes and charges for delivery,

installation, testing and commissioning of items at the department. Nothing extra covers and above the quoted rate should be allowed.

3. The bidders shall keep their rate of the firm for a period of two months.
4. The bidder should have GST registration and the copy of the certificate shall invariably be attached with the tender documents.
5. The successful bidder shall, before signing the agreement and within the period specified in the letter of acceptance of his tender, deposit a sum equivalent to 5% of the value of the contract.

REGISTRAR

To

1. The Web manager for posting on website
2. Notice Board