

 <p>Estd. 1962 "A++" Accredited by NAAC(2021) With CGPA 3.52</p>	<p align="center">SCHOOL OF ENGINEERING AND TECHNOLOGY (Department of Technology) SHIVAJI UNIVERSITY, KOLHAPUR -416004 (MAHARASHTRA) अभियांत्रिकी व तंत्रज्ञान प्रशाळा (तंत्रज्ञान अधिविभाग) शिवाजी विद्यापीठ, कोल्हापूर -४१६००४ (महाराष्ट्र) दुरध्वनी 0231-2609424, 2609414 web-site : http://unishivaji.ac.in E-mail : director.tech@unishivaji.ac.in</p>		
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No. SUK/SET/ETC/

Date: 07/03/2026

To,

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Sub. : Request to send the quotations for 5KVA On Line UPS System

Dear Sir,

We are going to purchase a **5KVA On Line UPS System** in the School of Engineering and Technology, (DOT) Shivaji University, Kolhapur as per the following specifications.

Sr. No.	Name of the Item	Qty
1	5KVA On Line UPS System (Technical Specifications as per enclosed list)	03 (01for ETC Branch and 02 for Mech.Engg.)

So, kindly request you to send the quotations for the **5KVA On Line UPS System** as per the specifications including supply, installation, commissioning and other charges **up to 13/03/2026**. Quotation Cover must be sealed and superscripted "Quotation **5KVA On Line UPS System** " and bear the address of **Director, School of Engineering and Technology, (DOT), Shivaji University, Kolhapur to Inward Section, Room No.138, Shivaji University, Kolhapur**

Yours faithfully,

TERMS AND CONDITIONS

1. While indication the make of a product, the name of manufactures may be clearly specified to us to consider your offer and expedite orders. Supplies are to be made in the manufactures packing only. Your quotation should accordingly be adjusted to the nearest size of the original packing of the manufactures.
2. The price may be as indicated below in clause (a) for outstation firms and (b) local firms
 - a) F.O.R. Destination/dispatching station by goods/passenger train.
 - b) For free delivery at the School of Engineering and Technology, (DOT), Shivaji University, Kolhapur 416 004**
3. Your rates are assumed to include packing and forwarding charges, unless separately stated. The Goods should be insured against theft, loss or breakages during transits and insurance charges should not exceed 3 of the cost of materials supplied.
4. The rate of Sales Tax, GST, CST and excise duty may be clearly indicated wherever chargeable, in the absence of which it will be deemed that no taxes are payable by us.
5. A.P. form for Sales Tax Concession will be sent to you after execution of order for claiming concession in payment of Sales Tax in Maharashtra State.
6.
 - a) Specification information is required as to whether the items have been offered ex-stock or will have to be imported, as also how much time will be required for delivery after placing of the order.
 - b) Your offer should be kept open for at least 2 months from the date of opening of the quotation/tender.
7. **The quotation must be submitted in two separate envelopes, one for Technical (Specifications, GST certificate, Registration Certificate, and PAN card details) and the second for commercial (price and other relevant information)**
8. The outer cover must be sealed and superscripted **“Quotation for 5KVA On Line UPS System ”** Your No. Date ” **up to 13/03/2026.** In addition the outer cover may bear only the address of **Director, School of Engineering and Technology, (DOT), Shivaji University, Kolhapur to Inward Section, Room No.138, Shivaji University, Kolhapur**
9. Offers made on conditions like “subject to prior sale” ‘subject to availability of stores’ taxes as applicable or with similar other vague conditions are liable to be ignored.
10. In the case of supply order for the scientific equipment /apparatus/Glassware/Chemicals, the date of delivery should be strictly adhered; otherwise the supply order is liable to cancelled.
11. Department reserves to all rights to change or cancel the quotation without assigning reason.

TECHNICAL SPECIFICATIONS
(For Department of Technology)
5 KVA TRUE ON-LINE UPS SYSTEM

Technology	IGBT Based PWM.
Capacity	5000VA
D. C. Voltage	144Volt
Input voltage	170VAC to 270VAC, Frequency 50 Hz, Single Phase
Input power factor	0.85 to Unity.
Galvanic Isolation	Output Isolation Transformer must be provided.
Output voltage	230VAC +/-1% 50 Hz
Output power factor	0.8 lagging
Output waveform	Pure Sine wave. THD Less than 3% on Linear Load.
Inverter Efficiency	More than 87%
Rectifier	IGBT based PFC Type (Should charge battery bank of 40 Ah Battery)
Facility Required	Manual Bypass Switch, Input MCB, Battery MCB
Protections	Output Overload, Output short circuit, Battery low trip, DC over voltage, Output under voltage / over voltage.
Indications	Mains on, Inverter On, battery Low, Over Load
Audible Alarm	Battery low pre-alarm at 80% of battery discharge.
Digital Metering and Fault Indications	Display- Input voltage, O/P - Voltage, Load Current, % Load, Charging Current, Battery Voltage, % Battery Charge. Fault indications - Mains Off, Inverter Off, O/P under voltage / over voltage, battery Low pre-alarm & Trip, DC Over voltage, Output Overload.
Ambient Temp.	40° C
Relative Humidity	Maximum 100% Minimum 70%
Enclosure	M.S. powder coated with castor wheels.