

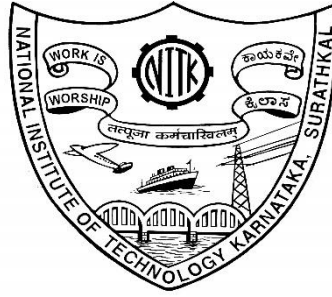
# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

## CENTRAL RESEARCH FACILITY

POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)  
A DEEMED UNIVERSITY

Phone: (0824) 2474000.  
E- mail: [info@nitk.ac.in](mailto:info@nitk.ac.in)

Fax: (0824) 2474033  
Website: <http://www.nitk.ac.in>



## NOTICE INVITING QUOTATION

Quotation Notification No. NITK/CRF/OC/UPS/04

Date: 06/06/2022

Name of Goods	5 KVA UPS System
Estimated Amount	Rs. 57,000.00 (Inclusive of GST)
Time for Supply of item after release of Purchase order	3 days
Document Download / Sale Start Date	06/06/2022 @ 9.00 a. m.
Clarification Start Date	NA
Clarification End Date	NA
Bid Submission Start Date	06/06/2022 @ 9.00 a. m.
Last Date for submission of bids	13/06/2022 before 11.00 a. m.
Bid Opening Date	13/06/2022 @ 12.00 noon
Address for Submission of bids	DR. Keyur Raval, CRF, NITK, Surathkal, Mangaluru. Contact No.: +91 9342421444, Email: <a href="mailto:keyurnraval@nitk.edu.in">keyurnraval@nitk.edu.in</a>



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**Quotation Notification No. NITK/CRF/OC/UPS/04**

**Date: 06/06/2022**

**NOTICE INVITING QUOTATION (NIQ)**

The National Institute of Technology Karnataka, Surathkal (in short – NITK, Surathkal) is an Institute Of National Importance Under Ministry of Education Govt of India, imparting Technical Education and engaged in Research Activities. It is proposed to procure the items for the departmental academic/research activities.

Sealed Quotations as per the Price Schedule given in this NIQ are invited for the following items subject to the terms and conditions, from the reputed manufacturers or its authorised dealers so as to reach on or before scheduled date and time. The quotations in the firm's Business letter head should be address to the "Director, NITK, Surathkal". The envelope shall be superscribed with the Quotation Notification Number and the Name of the Goods for which quotation is submitted.

<b>Name of Goods</b>	5 KVA UPS System
<b>Estimated Amount:</b>	Rs. 57,000.00 (Inclusive of GST)
<b>Time for Supply of item after release of Purchase order</b>	3 days
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**Sd/-**  
**Chairman**  
**Central Research Facility**  
**NITK, Surathkal**

Note: Institute shall not be responsible for any postal delay about non-receipt /non-delivery of the bids or due to wrong addressee.

**SECTION-1**  
**Terms and Conditions**

1. The rates should be quoted for preferably FOR destination from supply within India.
2. The bidder shall indicate the excise duty exemption for the goods if applicable.
3. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any. The rate should be quoted in INR only
4. Rate quoted should be inclusive of Testing, commissioning and Installation of equipment and Training.
5. Payment: No advance payment will be made. Payment will be made only after the supply of the item in good and satisfactory condition and receipt of performance security by supplier.
6. Guarantee/Warranty period should be specified for the complete period should be specified in section 3 of this tender document.
7. Period requirement for the supply and installation of item should be specified in section 3 of this tender document.
8. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.
9. **The buying organization is under the 5% GST Concessional category & Payment will be made with 5% GST on the Taxable amount (base rate).**

## SECTION-2

### **SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS**

[ To be filled up by the Department / Centre of NITK, Surathkal ]

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Item(s) Name to be Procured : **5 KVA UPS System**

Brief Specifications of the Item(s) : Annexure 1

(Attach Additional Sheet if necessary)

Quantity : One

Any other details / requirement : -

Warranty Period required : 1 Year

Delivery Schedule expected  
after placement of Purchase order  
(in Weeks) : 3 days

**SECTION 3  
PRICE SCHEDULE**

[ To be used by the bidder for submission of the quotation]

- 
1. Item Name :
  2. Specifications  
(Conforming to Schedule of requirements  
Enclose additional sheets if necessary) :
  3. Currency and Unit Price :
  4. Quantity :
  5. Item Cost (Sl No. 3 \* Sl. No. 4 ) :
  6. Taxes and Other Charges :  
(i) Specify the type of taxes and duties  
in percentages and also in figures.  
(ii) Specify Other Charges in figures.
  7. **Warranty Period** :  
**(Conforming to the Schedule of requirements)**
  8. Delivery Schedule :  
(Conforming to the Schedule of requirements)
  9. Name and address of the Firm for  
placing purchase order :
  10. Name and address of Indian authorized  
agent ( in case of imports only) :

**Signature of the Bidder:** \_\_\_\_\_

**Name and Designation:** \_\_\_\_\_

**Business Address** : \_\_\_\_\_

\_\_\_\_\_

**Place:**

**Date:**

**Seal of the Bidder's Firm**

**SECTION 4**  
**CONTRACT FORM**

[ To be provided by the bidder in the business letter head]

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1. (Name of the Supplier's Firm) hereby abide by the delivery schedule mentioned in this document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in this document without any defect and deviations.
3. Warranty will be given for the period mentioned in this document and service will be rendered to the satisfaction of NITK, Surathkal during this period.

**Signature of the Bidder:** \_\_\_\_\_

**Name** : \_\_\_\_\_

**Business Address** : \_\_\_\_\_

\_\_\_\_\_

**Place :**

**Date :**

**Seal of the Bidder's Firm**

# Annexure 1

## TECHNICAL SPECIFICATIONS FOR UPS

5KVA (120VDC) on line UPS 1- phase input and 1-phase output with Inbuilt Isolation Transformer. Following are the detailed specifications,

Description	Specification
Rating	5KVA, 230V, 50Hz, 1Phase AC Supply
Technology	Electronic controlled Microprocessor based On line IGBT UPS
AC input Range	180 V AC – 270V AC,1 phase Input
Input Frequency Range	46 to 54 Hz
Power Factor	> 0.88
Output Voltage	230V AC ( 190/240 selectable) 1phase Input
Output Frequency	50Hz +/- 0.5 better
Output waveform	Pure sine wave
Harmonic Distortion	< 3%
Isolation	In Built Isolation Transformer
Efficiency	>90%
Power Factor	0.7 to unity
Crest Factor	3:1
Cooling system	Air cooling
Protection	Input over/Under voltage, Output over/under voltage, Output over load, Battery Low, Over temperature.
Monitoring / Metering (Digital)	Input/output Voltage, Output frequency, Battery Voltage, Load current.
LED Indications	Mains on, Mains High/Low, Charger on, Inverter on, Output high/Low, Battery low, Over Temp, Overload
Audible Alarm	Mains fail, Battery low trip.
Switch gear	Inverter ON/OFF Switch.
Charger	IGBT charger
Bypass facility	<b>Automatic Static bypass switch &amp; Manual Bypass.</b>

### **Other specifications:**

Since the said accessory is general in nature and may require frequent servicing/maintenance, the bidder must have a registered office (for regular technical maintenance and technical support of the device) within 350 km radius of the National Institute of Technology Karnataka. Kindly provide your registered office address in the quotation/bid. A bidder having third party services for maintenance, repair or technical support will not be considered in further purchase process.