

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA SURATHKAL HOSTELS TRUST®

POST-SRINIVASNAGAR, MANGALURU – 575 025 (D K)

Phone: (0824) 2473849
E- mail: hosteloffice@nitk.edu.in

Mobile: 6364244536
Website: <http://www.nitk.ac.in>



TENDER DOCUMENT

Tender Notification No: 1/NITKSH/ Online UPS /2024-25/ Supdt.

Date: 18/06/2024

Name of Goods	Online UPS with Tubular Battery
Estimated amount put to Tender	₹ 33,00,000/- (Inclusive of GST)
E M D Amount	₹ 66,000.00
Time for Supply of item	3 Weeks
Last Date for submission of Quotation	10/07/2024 before 3.00 PM
Bid Opening Date	10/07/2024 at 4.00 PM (if possible)
Contact person for tender query	Professor In-charge, Hostels, Phone: (0824) 2473849 Mob: 6364244536 Email: hosteloffice@nitk.edu.in
Address for Submission of Quotation	NITK Hostel Office, First floor, Sahyadri Hostel Block building, Srinivasnagar, Mangalore – 575 025



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NOTICE INVITING TENDER (NIT)

The sealed Tenders are invited for the following items in **two cover systems** (i.e., technical bid and financial bid) subject to the following terms and conditions, from the reputed manufacturers or its authorised dealers to reach this office on or before the scheduled date and time. The tender (Technical bid) will be opened on the same day if possible, in the presence of bidders or their authorized agents who may choose to be present. The financial bid of only such bidders whose technical bid is accepted shall be opened on the same day or later pre-informed date.

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

Sd/-

Professor In-charge, Hostels

SECTION 1 B: INSTRUCTION TO BIDDER (ITB)

1. The bid should be submitted in two covers System-Technical Bid and Financial Bid

1.1 **Envelope No.1 – Technical Bid:** The agencies should give details of their technical soundness and provide a list of customers of a previous supply of similar items to Universities, Institutes or Government Departments/ Undertakings/ public sectors with contact details. The details of the agency/ profile should be furnished along with a copy of all related documents. This envelope should be sealed and duly super-scribed as “**Envelope No. 1 – Technical Bid**”. The full name and address of the agency should also be mentioned on the envelope and addressed to The Professor In-charge, Hostels, NITK Surathkal.

1.2. Document to be submitted in the technical bid:

- a) The agency should possess a Licence certificate for the manufacture /supply of the item.
- b) List of Owners/partners of the firm and their contact numbers
- c) The agency should possess an Income-tax PAN Number.
- d) The agency should possess a valid GST registration number.
- e) Catalogue of the Product with detailed product specifications.
- f) List of Service Centres
- g) List of customers with contact details.
- h) The average annual turnover should not be less than 30% of the estimated cost put to tender/Tender for the job work. A copy of the Balance sheet, Profit & Loss A/c., Trade or Manufacturing A/c for the last 3 years should be enclosed
- i) **Warranty Period Offered for the tendered item to be specified. If the Warranty period does not conform to the schedule of requirements given in section 3 of the document, the bid is liable to be treated as non-responsive and rejected.**
- j) **EMD in the original form valid for a minimum of six months, through DD/ Bank Guarantee only drawn on any scheduled bank in favour of “Professor In-Charge, Hostels”, payable at Surathkal should be submitted. EMD shall bear no interest. Any bid not accompanied by EMD is liable to be treated as non-responsive and rejected.**
- k) **The contract form given in section 5 needs to be submitted.**

The above documents should be furnished in the technical bid envelope.

2. **Envelope No.2 – Financial bid:** The agencies should submit their financial bid as per the format given in Section 4 of the Notice Inviting Tender in this cover. The rate should be quoted both in words and figures. All the pages of the financial bid should be signed affixing the seal. All corrections and overwriting should be initiated. This envelope should be duly superscribed as “**Envelope No.2 – Financial bid**”. The full name and address of the agency should also be mentioned on the envelope and addressed to the Professor In-Charge, Hostels.

Both Envelope No. 1 and 2 should be kept in another separate envelope duly superscribed with the following details.

- (i) Tender Notification Number (ii) “Tender for the supply of”, (iii) Not to open before (Date and Time)

Mention “Kind Attention: Contact Person’s Name and Phone Number”, and submit at the address given in the Notice Inviting Tender.

- 3 The tender will be accepted only from the **manufacturers or its authorised supplier.**
4. The NITKSH **reserves the right to visit the factory** before or after the issue of the purchase order to satisfy itself regarding the quality of production. In case of any remarks /default noted, the EMD will be forfeited even if pre-qualified.
5. **The Financial Bid shall be in the format of the Price Schedule given in Section 4. The Contract form as per the format given in section 5 shall be submitted. The incomplete or conditional tender will be rejected.**
6. **The item to be used is strictly according to the specification and subject to testing by the Institute/concerned authorities. It must be delivered and installed in good working condition.**
7. The NITKSH **reserves the right to cancel or reduce the quantity** included in the schedule of requirements at any time after acceptance of the tender with a notice. The Contractor/Supplier shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the work/supply in full but he did not derive in consequence of the foreclosure of the whole or part of the works.
8. **Performance Security of 3% of the contract value in terms of Bank Guarantee by scheduled banks shall be given by the successful bidder for the total period of Warranty.**
9. **The release of EMD:** The EMD shall be released after receipt of performance security from the successful bidder.
- 11 **The validity of bids:** The rate quoted should be valid for a minimum of 90 days. No claim for escalation of the rate will be considered after opening the Tender.
- 12 **Imports: In case, goods are to be imported, the Indian agent should furnish an authorisation certificate by the principles abroad for submission of the bid in response to this Notice Inviting Tender.**
- 13 **Clarification of Tender Document:**
A prospective bidder requiring any clarification of the Tender Document may communicate to the contact person given in this notice inviting tender. The contact person will respond to any request for clarification for the Tender Document received not later than 5 working days before the last date for the receipt of bids
- 14 **Amendment of Tender document:** At any time before the last date for receipt of bids, NITKSH may for any reason, whether at its initiative or in response to a clarification requested by a prospective bidder, modify the Tender document by an amendment.
- 15 **Hostel may at its discretion extend the last date to receive bids.**
- 16 The bids shall be written in English and any information printed in another language shall be accompanied by an English translation, in which case for interpretation of the bid, the English translation shall govern.
- 17 The NITKSH reserves the right to accept any bid other than the lowest or even reject all the bids. The decision of the Hostel Purchase Committee is final in all matters of tender and purchase.
- 18 Any other details required may be obtained from the contact person given in the Notice Inviting Tender during office hours.
- 19 **The service centre should be in Mangalore or Udupi and the supporting document should be attached.**
- 20 The bidder should give the following declaration while submitting the Tender.

DECLARATION

I/we have not tampered/modified the tender forms in any manner. In case, the same is found to be tampered/modified, I /we understand that my/our tender will be summarily rejected and full Earnest money deposit will be forfeited and I /we are liable to be banned from doing business with NITKSH and/or prosecuted.

Signature of the Bidder : _____

Name and Designation : _____

Business Address : _____

Place:
Date:

Seal of the Bidder's Firm

SECTION 2: CONDITIONS OF CONTRACT

1. The rates should be quoted for preferably FOR destination from supply within India.
2. In the case of import, either CIF or FOB (foreign currencies) rate should be quoted. All components of expenditure to arrive at Bangalore need to be explicitly specified.
3. If applicable, the bidder shall indicate the excise duty exemption for the goods.
4. The rate quoted should be on a unit basis. Taxes and other charges should be quoted separately, duly considering exemptions if any.
5. The rate quoted should be inclusive of Testing, commissioning and installation of equipment and Training.
6. Payment: No advance payment will be made. Payment will be made only after the supply of the item is in good and satisfactory condition and receipt of performance security by the supplier. **In the case of Imports, the payment will be made through LC / Sight Draft / After Installation, and performance security needs to be submitted at the time of LC commitment/issue of sight draft.**
7. Guarantee and Warranty period should be specified for the complete period conforming to section 3 of this tender document.
8. The period required for the supply and installation of the item should be specified conforming to section 3 of this tender document.
9. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.

SECTION 3: SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS

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

Item(s) Name to be procured : Online UPS with Tubular Battery

Type (Equipment / Software / Furniture / Others) : Equipment

Brief Specifications of the Item(s)
(Attach Additional Sheet if necessary) : As Per Annexure 'A'

Compliance Statement of Specifications
(Attach Additional Sheet if necessary) : As Per Annexure 'B'

Warranty Period required : 2 Years

Delivery Schedule expected after the release of the
purchase order (In Weeks) : 3 Weeks

EMD (in Rupees) : ₹ 66,000/-

Performance Security is to be given by the
Successful Bidder after the release of the Purchase
Order (in Rupees) : 3% of PO Value



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**SECTION 4 - PRICE BID (for indigenous Supplies)
[To be used by the bidder for submission of the bid]**

Reference Number:

Date:

Sl. No.	Particulars	Qty	Rate	Tax	Amount
A	1kVA Online UPS	13			
B	3kVA Online UPS	15			
C	5kVA Online UPS	4			
D	12V 60 AH 6 EL Tubular Battery	39			
E	12V 100 AH 6 EL Tubular Battery	90			
F	12V 120 AH 6 EL Tubular Battery	40			
	Total				

Place:

Date:

Seal of the Bidder's Firm

SECTION 5: CONTRACT FORM

[To be provided by the bidder in the business letterhead]

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

Signature of the Bidder : _____

Name and Designation : _____

Business Address : _____

Place:
Date:

Seal of the Bidder's Firm

Detailed Technical Specifications:

1kVA Online UPS with Tubular Battery		
Sl. No.	Particulars	Specification
1	Power Rating	1kVA, 230V, 50Hz, 1Phase AC Supply
2	Technology	Electronic controlled Microprocessor based online IGBT UPS
3	UPS Make	Luminous/Numeric/Emerson/Equivalent
4	AC input Range	180 V AC – 270V AC,1 Phase Input
5	Input Frequency Range	46 to 54 Hz
6	Power Factor	> 0.8
7	Output Voltage	230V AC
8	Output Frequency	50Hz +/- 0.5 better
9	Output waveform	Pure sine wave
10	Harmonic Distortion	< 3% THD
11	Isolation	Inbuilt Isolation Transformer
12	Efficiency	>90%
13	Power Factor	0.8 lag
14	Crest Factor	3:1
15	Cooling system	Air cooling
16	Protection	Input over/Under voltage, Output over/under voltage, Output overload, Battery Low, Over temperature.
17	Monitoring / Metering (Digital)	Input/output Voltage, Output frequency, Battery Voltage, Load current.
18	LED Indications	Mains on, Mains High/Low, Charger on, Inverter on, Output high/Low, Battery low, Over Temp, Overload
19	Audible Alarm	Mains fail/ low Battery/overload
20	Switchgear	Inverter ON/OFF Switch.
21	Type of battery	12V 60 AH 6 EL Tubular Battery
22	Battery	3 no's/ more
23	Battery Make	Exide/Luminous/Equivalent
24	Distilled water refill for Battery	Every Month
25	Backup	120 min with full load
26	Warranty	2 years for UPS
		4 years for Battery
27	Charger	SMPS charger
28	Bypass facility	Manual Bypass.

3kVA Online UPS with Tubular Battery

Sl. No.	Particulars	Specification
1	Power Rating	3kVA, 230V, 50Hz, 1Phase AC Supply
2	Technology	Electronic controlled Microprocessor based online IGBT UPS
3	UPS Make	Luminous/Numeric/Emerson/Equivalent
4	AC input Range	180 V AC – 270V AC,1 Phase Input
5	Input Frequency Range	46 to 54 Hz
6	Power Factor	> 0.8
7	Output Voltage	230V AC
8	Output Frequency	50Hz +/- 0.5 better
9	Output waveform	Pure sine wave
10	Harmonic Distortion	< 3%
11	Isolation	Inbuilt Isolation Transformer
12	Efficiency	>90%
13	Power Factor	0.8 lag
14	Crest Factor	3:1
15	Cooling system	Air cooling
16	Protection	Input over/Under voltage, Output over/under voltage, Output overload, Battery Low, Over temperature.
17	Monitoring / Metering (Digital)	Input/output Voltage, Output frequency, Battery Voltage, Load current.
18	LED Indications	Mains on, Mains High/Low, Charger on, Inverter on, Output high/Low, Battery low, Over Temp, Overload
19	Audible Alarm	Mains fail/ low Battery/overload
20	Switchgear	Inverter ON/OFF Switch.
21	Type of Battery	12V 100 AH 6 EL Tubular Battery
22	Battery	6 no's/ more
23	Battery Make	Exide/Luminous/Equivalent
24	Distilled water refill for Battery	Every Month
25	Backup	120 min with full load
26	Warranty	2 years for UPS
		4 years for Battery
27	Charger	SMPS charger
28	Bypass facility	Manual Bypass.

5kVA Online UPS with Tubular Battery		
Sl. No.	Particulars	Specification
1	Power Rating	5kVA, 230V, 50Hz, 1Phase AC Supply
2	Technology	Electronic controlled Microprocessor based online IGBT UPS
3	UPS Make	Luminous/Numeric/Emerson/Equivalent
4	AC input Range	180 V AC – 270V AC, 1 Phase Input
5	Input Frequency Range	46 to 54 Hz
6	Power Factor	> 0.8
7	Output Voltage	230V AC
8	Output Frequency	50Hz +/- 0.5 better
9	Output waveform	Pure sine wave
10	Harmonic Distortion	< 3%
11	Isolation	Inbuilt Isolation Transformer
12	Efficiency	>90%
13	Power Factor	0.8 lag
14	Crest Factor	3:1
15	Cooling system	Air cooling
16	Protection	Input over/Under voltage, Output over/under voltage, Output overload, Battery Low, Over temperature.
17	Monitoring / Metering (Digital)	Input/output Voltage, Output frequency, Battery Voltage, Load current.
18	LED Indications	Mains on, Mains High/Low, Charger on, Inverter on, Output high/Low, Battery low, Over Temp, Overload
19	Audible Alarm	Mains fail/ low Battery/overload
20	Switchgear	Inverter ON/OFF Switch.
21	Type of Battery	12V 120 AH 6 EL Tubular Battery
22	Battery	10 no's/ more
23	Battery Make	Exide/Luminous/Equivalent
24	Distilled water refill for Battery	Every Month
25	Backup	120 min with full load
26	Warranty	2 years for UPS
		4 years for Battery
27	Charger	SMPS charger
28	Bypass facility	Manual Bypass.

Compliance Statement of Specifications:

Annexure – 'B'

Sl. No.	Name of specification/ Part/Accessories of tender inquiry	Specifications of the quoted Model / Item	Compliance Whether YES or NO	Deviations if any to be indicated in unambiguous terms

(Add more rows if required)

Signature and Seal of the Bidder