

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF PHYSICS

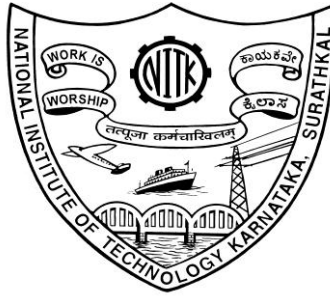
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NOTICE INVITING QUOTATION

Quotation Notification No. **NITK/PHY/IRG 2019-2020/UPS/4**

Dated 19.7.2019

Name of Goods: 10 kVA UPS with built-in isolation transformer and SMF batteries rated for one hour backup time

Time for Supply of item : within 30 days
after release of Purchase order

Last Date for submission of Quotation : 19.8.2019 before 3.00 PM
(**Extended Deadline Sept 3, 2019**)

Address for Submission of Quotation : Prof. M.N. Satyanarayan
Department of Physics, NITK Surathkal,
Srinivasnagar PO, Mangalore-575025

Phone:0824-2474049; Mobile: +91-9686146138; Email:satya_mn@nitk.edu.in



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NOTICE INVITING QUOTATION (NIQ)

The National Institute of Technology Karnataka, Surathkal (in short – NITK, Surathkal) is an autonomous body under Ministry of HRD Govt of India, a Deemed University, 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 addressed 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.

1. **Name of Goods** : 10 kVA UPS with built-in isolation transformer and SMF batteries
2. **Technical Specifications**: Annexed to this NIQ
3. **Time for completion of Supply after release of Purchase Order** : Within 30 days
4. **Last date at time for submission of quotation** : Sept 3, 2019 before 03:00 PM
(Extended Deadline)
- 5.. **Quotations to be submitted at the following address** :

Prof. M.N. Satyanarayan
Department of Physics, NITK Surathkal,
Srinivasnagar PO, Mangalore-575025

**Sd/-
HOD Physics**

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

Terms and Conditions

1. The rates should be quoted for preferably FOR destination from supply within India.
2. **In case, Goods are to be Imported, the Indian agent should furnish authorisation certificate by the principles abroad for submission of the bid in response to this Notice Inviting Tender.** In case of import both CIF and/ or FOB rate should be quoted . All components of expenditure to arrive at Bangalore need to be explicitly specified.
- 3 The bidder shall indicate the excise duty exemption for the goods if applicable.
- 3 The institute is eligible for customs duty exemption, excise duty exemption, issuance of form D.
4. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any.
5. 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 in good and satisfactory condition and receipt of performance security by supplier.
In case of Imports, the payment will be made through LC / Sight Draft / After Installation, and performance security need to be submitted at the time of LC commitment / issue of sight draft.
7. Guarantee and Warrantee period should be specified for the complete period conforming to the section 3 of this tender document.
8. Period requirement for the supply and installation of item should be specified conforming to the section 3 of this tender document.
9. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.

SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS

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

Item(s) Name to be Procured : Low Power Laser with accessories

Brief Specifications of the Item(s)
(Attach Additional Sheet if necessary) : See below.

Quantity : 01

Any other details / requirement : Must be delivered on site.

Warranty Period required : 1 year

Delivery Schedule expected
after placement of Purchase order
(in Weeks) : within 30 days of issue of PO.

Technical Specifications:

GENERIC

Rating in KVA (KVA)	10.0 KVA
Technology	IGBT-PWM with inbuilt isolation transformer
Input Power	Three phase 300 V - 450V sinewave,50Hz
Output power	Single phase 230V +/-1% sinewave 50 Hz
Backup time (Minutes)	60
Minimum VAH (VAH)	16000
Warranty for UPS (Years)	3
Movable trolley for Batteries	Without trolley but with rack
Warranty for battery	2
Cabling 5 meters for input and out put	With
Installation and Commissioning	Yes

CONSTRUCTIONAL

Minimum thickness of M.S.Sheet Enclosure duly painted (mm)	1.2
Type of Battery	SMF-VRLA conforming to JISC:8702 (Pt.I,II&III)

FUNCTIONAL

Maximum overshoot and Under shoot of output rated voltage	4
Voltage Regulation from no load to full load (%)	< / = 3%
20% Overload limit for minimum 10 minutes	Yes
Overall Efficiency (%)	>/=90%
Total Harmonic Distortion(THD) (%)	Maximum 3%
50% Overload limit for minimum 1 minutes	Yes

PROTECTION

Protection for under voltage at battery terminal at 10.5V per 12 V battery.	Yes
Protection of Over voltage,Short Circuit & over load at UPS output terminal	Yes

METERING AND INDICATIONS

Digital Metering in UPS for AC Input Voltage,Output AC Voltage,Current,Frequency,Battery Voltage and Current	Yes
Indicators for mains presence,Battery charging and discharging,Output Over Load, Low Battery Voltage	Yes

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

CONTRACT FORM

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

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