

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

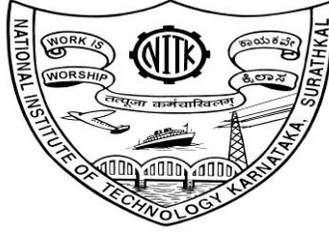
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

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NOTICE INVITING QUOTATION

Notification. No: Met-Mat/AS/CDA/IRG/851/2023-2024/01

dated: 14/09/2023

Name of Goods	Corona Discharge Apparatus
Estimated Amount:	Rs. 1,00,000 /- with GST
Time for Supply of item after release of Purchase order	15 Days
Document Download / Sale Start Date	14/09/2023, 03:00 PM
Clarification Start Date	14/09/2023, 03:00 PM
Clarification End Date	25/09/2023, 03:00 PM
Bid Submission Start Date	14/09/2023, 03:00 PM
Last Date for submission of bids	10/10/2023, before 3.00 PM
Bid Opening Date	10/10/2023, 03:30 PM
Address for Submission of bids	Dr. Anandhan Srinivasan Department of Metallurgical and Materials Engineering Phone- +919663054756 anandhan@nitk.edu.in



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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.

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Sd/-
HOD

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. **Liquidated Damages**: Timely delivery is the essence of the contract and hence if the Supplier fails to deliver Goods within the original/extended delivery period(s) specified in the contract, the Institute will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, **@ 1% per week or part of the week of the delayed period** as pre-estimated damages not exceeding 5% of the contract value without any controversy/dispute of any sort whatsoever.

SECTION-2
SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS
[To be filled up by the Department / Centre of NITK, Surathkal]

Item(s) Name to be Procured : Corona Discharge Apparatus

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

Quantity : 01 No.

Any other details / requirement : Nil

Warranty Period required : 1 year

Delivery Schedule expected
after placement of Purchase order
(in Weeks) : 2 weeks

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]

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 A

Specifications for Corona Discharge Apparatus

1. Corona discharge apparatus consists of two units- the corona unit and the TSDC unit.
2. Corona unit should be provided with connection to attach high voltage DC Supply which is to be attached to 4 needles.
3. A 15cm x 15cm metal grid suspended below the needles should be provided to evenly distribute the charges.
4. A 12cm x 12cm grounded copper plate sample holder with heating system (room temperature to 90 °C) should be provided.
5. The distance between metal grid and sample holder should be variable from 1cm to 5cm.
6. The distance between metal grid and DC supplied needles should be fixed between 1cm to 3cm.
7. Ground connection should be provided in the corona unit.
8. The TSDC should be provided with connection to attach high voltage DC Supply which will be supplied to the upper and lower electrodes.
9. The upper and lower electrodes of TSDC unit should be provided with temperature controller ranging from room temperature to 90 °C which can be turned on/off as required.
10. The upper and lower electrodes of TSDC unit should have separate wired jacks to connect to an oscilloscope as required and the connection must be detachable.
11. The TSDC unit should have appropriate connections to handle high voltage DC Supply and low current.
12. The TSDC unit should be compatible with both regular-sized dual channel oscilloscopes such as Tectronix TBS 2204B as well as mini oscilloscope such as Digilent Discovery 2.