

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF MECHANICAL ENGINEERING

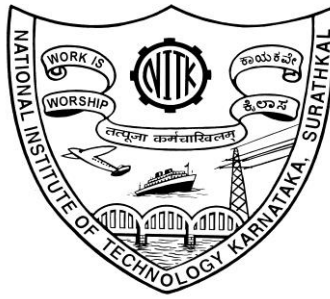
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)
A DEEMED UNIVERSITY

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NOTICE INVITING QUOTATION

Notification. No: NITK/MECH/FIST2016/EQEMG/1/2020-21/04

dated: 23/02/2021

Name of Goods	1. EMG & ECG Amplifier with required Accessories 2. EMG Simulator with required Accessories
Estimated Amount:	Rs 1,80,000/-
Time for Supply of item after release of Purchase order	21 (Days)
Last Date for submission of bids	02/03/2021 before 3:00pm
Address for Submission of bids [Type Address of the Department and Contact Person Details with Phone Number]	HOD Mechanical Dept. Automation Lab, Ground Floor, Mechanical Engineering Dept., National Institute of Technology Karnataka, Surathkal Karnataka 575025 Contact Person: Dr Navin Karanth P: +919449058052 Dr Vijay Desai: +919449332960



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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 authorized 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.
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.

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	: 1. EMG & ECG Amplifier with required Accessories 2. EMG Simulator with required Accessories
Brief Specifications of the Item(s) (Attach Additional Sheet if necessary)	: Specification Sheet Attached
Quantity	: 1. 1 Nos 2. 1 Nos
Any other details / requirement	: -
Warranty Period required	: 1 Year
Delivery Schedule expected after placement of Purchase order (in Weeks)	: 3

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 :

Seal of the Bidder's Firm

Date :

Specification:

1. EMG & ECG Amplifier with required Accessories

PARAMETERS	SPECIFICATION
+EMG	6 Input Channel
Individual Gain Settings	Yes
Number of Electrodes	6
Electrode connection indication	Yes
Input Connection	5 pin
Impedance	5MOhms x 2 min gain adjustable
CMRR	Better than 90dB±
Electrode Type	Disc type (Reusable)
+ECG	1 Input Channel
Input	5 pin round socket
Gain	Adjustable
CMRR	80dB±
Frequency response	0.1Hz-100Hz±
Electrode type	Clamp Electrode
Additional Requirement	6 Channel USB Software Analog O/P of each channel (0-5V DC)

2. EMG Simulator with required Accessories

PARAMETERS	SPECIFICATION
Number of EMG output channel	1
Adjustable Conduction	Voltage
Adjustable Time Response	Frequency
Power Supply	230V
Purpose	Study of electric potentials generated by the muscles, Muscle Activity, Nerve Conduction Velocity, Muscle feedback, Muscle strength & signal processing, Placement of Electrodes, Amplification, Filters, Gain, Self-test, Voltage & Frequency responses.