

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

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NOTICE INVITING QUOTATION

Notification. No: NITK/EC/OH35-IRG/Q/842/2022

dated: 14/12/2022

Name of Goods	Digital Storage Oscilloscope – 4 channel
Estimated Amount:	₹ 1.98 Lakhs.
Time for Supply of item after release of Purchase order	15 Days
Document Download / Sale Start Date	14/12/2022 at 5PM
Clarification Start Date	N/A
Clarification End Date	N/A
Bid Submission Start Date	14/12/2022 at 5PM
Last Date for submission of bids	29/12/2022 before 3.00 PM
Bid Opening Date	29/12/2022 at 4PM
Address for Submission of bids Address of the Department and Contact Person Details	Head of the Department, Electronics & Communication Engg. Srinivasnagar Post, NITK Surathkal. Pincode-575025, D.K Kind Attention : Dr. Sushil Kumar Pandey Mob: 7052502636, Tel: 0824-2473046



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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/-

[Signature of 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.

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	: Digital Storage Oscilloscope – 4 channel
Brief Specifications of the Item(s) (Attach Additional Sheet if necessary)	: Attached
Quantity	: 2 Nos.
Any other details / requirement	: N/A
Warranty Period required	: ≥ 3 years
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

Quantity: 2 Nos.

Technical Specification:

Parameters	Specifications
Bandwidth	70MHz
Channels	4
Function/Arb.waveform generator	≥ 20MHz
Probe bandwidth	≥ 150 MHz for Each Channel
Record Length	10M/CH
Waveform capture or update rate (WFM/sec)	≥200000
Maximum Real Time Sample rate	≥ 2 GSa/s
Display	≥ 7" SVGA / WVGA, 800*480
Input impedance	1M Ohm
Horizontal range	1ns~100s/div
Vertical range	1mV~10V/div
Math function	+, -, *, /, FFT, d/dt, ∫dt, √, user define math
FFT	1M Pts
Bus decode	Standard I2C, SPI, UART, CAN, LIN
Auto measurement function	Vpp, Vamp, Vavg, Vrms, Vhi, Vlo, Vmax, Vmin, Rise Preshoot/Overshoot, Fall Preshoot/Overshoot, Freq, Period, Rise Time, Fall Tim, Positive Width, Negative Width, Duty Cycle, 8 different Delay measurement
Waveform Search	Standard
Segmented Memory	29,000 Sections of Segmented Memory
Data Logging	Tracks Signal Changes Up To 100 hours
PC software	Yes
Storage	Remote Internet Storage Function
USB Host	1 sets
USB Device	1 sets
LAN	Yes (Standard)
Calibration Certificate	Yes
Warranty	≥ 3 years

Terms & conditions:

- Make & Model number (Enclose a printed / coloured brochure with detailed specification)
- Price :Inclusive of all taxes / transportation & installation
- ***The transportation charges (both side) shall be borne by the supplier, in case of the instrument failed under warranty period.***