

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

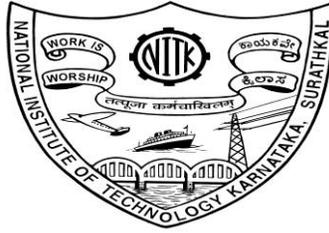
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NOTICE INVITING QUOTATION

Notification. No. Ref. No.: NITK/E&E/2023-24/Q/002

dated: 7.12.2023

Name of Goods	IC tester - Universal
Estimated Amount:	Rs. 2 Lakhs
Time for Supply of item after release of Purchase order	30 Days
Document Download / Sale Start Date	07.12.2023 at 5.00 p.m.
Clarification Start Date	07.12.2023 at 5.00 p.m.
Clarification End Date	20.12.2023 at 5.00 p.m.
Bid Submission Start Date	07.12.2023 at 5.00 p.m.
Last Date for submission of bids	22.12.2023 before 3.00 PM
Bid Opening Date	26.12.2023 at 10.00 a.m.
Address for Submission of bids	Department of Electrical and Electronics Engineering, National Institute of Technology Karnataka, Surathkal, Mangalore – 575025 Contact: Dr. V. Vignesh Kumar Ph.No. 7358895065



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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	: IC tester - Universal
Brief Specifications of the Item(s) (Attach Additional Sheet if necessary)	: separate sheet attached in Annexure I
Quantity	: 2
Any other details / requirement	: Nil
Warranty Period required	: 1
Delivery Schedule expected after placement of Purchase order (in Weeks)	: 4 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 :

Seal of the Bidder's Firm

Date :

Technical Specifications

Supply Input Voltage	230V AC.
Test Socket	40 Pin capability
Display	16 X 2 LCD Display or better
DIGITAL IC's	<p>T.T.L. 74XXX series, CMOS (40/45 XX SERIES) CPU: 8085 8086 V20 8088 8400(Z80) 6502 65C02 65SC02 8035 8039 8748 8749, PERIPHERAL: 8155 8156 8205 8212 8216 8226 8237 8251 8253 8254 8255 8257 8259 8279 8282 8283 8284 8286 8287 8288 8250 82450 6350 6820 6821 6822 6840 6844 6845 6850 6851 6852 6854 6520 6521 6522 6524 6551 65C51 8420(Z80-PIO) 8430(Z80- CTC) 8440 (SIO-0) 8441 (SIO-1) 8442 (SIO-2) 8449 (SIO-90) 1852 1871 1879 2681</p> <p>MEMORY: 2102 2114 2115 2125 2149 6116 6264 62256 621024 9101 91L22 93412 93422 93425 4256 41256 5025, REAL TIME CLOCK: 1879 5832 58167 82C8167 DS1287, PHASE FREQUENCY DETECTOR ICs, DECODER/ENCODER ICs, SEVEN SEGMENT DISPLAYs, OSCILLATOR / DIVIDER</p>
LINEAR IC'S	<p>ANALOG TO DIGITAL CONVERTER: ADC0800 ADC0801 ADC0802 ADC0803 ADC0804 ADC0805 ADC0808 ADC0816 ADC0817 AD574 7109 3162 ADC0809 DIGITAL TO ANALOG CONVERTER: DAC08 DAC0800 DAC0801 DAC0802 DAC0808 DAC1408 DAC1508 DAC558 DAC1020 DAC1021 DAC1022 DAC1220 DAC1221 DAC1222 DAC7520 DAC7521 DAC7523 DAC7524 DAC7530 DAC7531 DAC7533 DAC7541, COMPARATOR: 106 111 160 193 211 260 293 311360 393 2903 17393 CA3290 111 119 139 161 211 219 239 261 311 319 339 361 2901 3302 17339 521 522 527 529 2111 2211 2311, OP-AMP AD548 AD648 AD707 AD708 AD711 AD712 AD744 AD746 AD821 AD845 AD846 AD847 AD848 AD849 CA081 CA082 CA307 CA3100 CA3130 CA3140 CA3193 CA3240 CA3160 CA3260 LF 351 353 386 412 442 LM 10 11 101 107 108 112 118 143 155 156 157 158 201 207 208 212 218 255 256 257 258 301 307 308 312 318 343 355 356 357 358 411 441 530 531 532 538 714 725 741 748 1458 1558 2904 3080 33181 4250 4558 5204 5205 5230 5512 5532 5534 5535 13741 17301 17741 17458 17558 OP05 OP07 OP21 OP27 OP37 OPA121 OPA602 OPA606 OPA11 TL061 TL062 TL071 TL072 TL081 TL082 LT1013 709 1709 7611 7612 7621 AD713 AD840 AD841 AD842 CA084 LM 11 101 107 108 112 118 124 147 148 149 201 207 208 212 218 224 248 249 301 307 308 312 318 324 347 348 349 442 444 534 725 741 747 748 2900 2902 3303 3403 3503 5514 17301 17741 TL064 TL074 TL084 OPA404 7641 7642 LT1014 524 5533, voltage follower ICs, Transistor Arrays, Analog switch, waveform generator ICs, Timer ICs, PLL, VCO, Sample and Hold, PWM generator, optocoupler, latch driver, voltage regulator, voltage reference ICs.</p>

- IC Tester should have Self Diagnosis feature
- It should have Auto search facility
- Tester kit should have proper user-friendly controls and appropriate manual with lucid explanation.
- NOTE: ICs prescribed above are minimum requirement. Preference would be given to the kit having highest wide range of ICs testing feature.