



NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY
(An Institute of National Importance under MHRD Govt. of India)
Thiruvettaikudy, Varichikudy(Post), Karaikal – 609609

NIQ No.: NITPY/EEE/ED LAB/T06/2016-17

Date: 25-08-2016

NOTICE INVITING QUOTATION

Procurement of Digital Signal Oscilloscope for the Electrical Drives Laboratory

National Institute of Technology Puducherry invites separate sealed quotations from the reputed vendors for supply of the following items:

Item. no	Components/Equipments	Quantity
1.	Digital Storage Oscilloscope	04

The complete details of the items to be supplied, Eligibility conditions and method of submission of bidding documents, etc. are available in our institute website: <http://www.nitpy.ac.in>

Last Date & Time for

Submission of Quotation: **19-09-2016, on or before 3.00 PM**

Opening of Quotation in the presence of available bidders: **19-09-2016 at 4.00 PM**

-Sd/-
Registrar (i/c)



NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY
(An Institute of National Importance under MHRD Govt. of India)
Thiruvettaikudy, Varichikudy(Post), Karaikal – 609609

NIQ No.: NITPY/EEE/ED LAB/T06/2016-17

Date: 25-08-2016

Terms & Conditions

Separate sealed quotations are invited for Supply of the **Digital Signal Oscilloscope for the Electrical Drives Laboratory** as per the details given in the Annexure:

1. The sealed quotations should reach The Registrar (i/c), National Institute of Technology Puducherry, Administrative Office, Ground Floor, Thiruvettaikudy, Varichikudy(Post), Karaikal – 609609 **on or before 19-09-2016 at 3:00 PM** and they will be opened on the **same day at 4:00 PM** in the presence of available bidders. The offers will not be considered if received after the bid closing date and time.
2. The quotations should be sealed and superscripted as **“Digital Signal Oscilloscope for the Electrical Drives Laboratory”**.
3. The rates should be inclusive of all taxes, freight, packing, forwarding, etc.
4. The packing, forwarding, transportation, delivery, installation charges and commissioning charges should be either included in the equipment cost or it should be mentioned separately for each component/equipment.
5. The rate quoted shall on FOR destination basis at our premises.
6. The firm should have been in existence for at least last three years (proof to be attached)
7. The quote is not transferable.
8. The offers received through telex / tele-fax / e-mail will not be accepted by the Institute under any circumstances.
9. The Institute shall not be responsible for any delay / loss or non-receipt of quotes by post / courier service.
10. No unsolicited correspondence shall be entertained after the submission of the offer.
11. Quoting merely the lowest price does not confer any right to any bidder for award of supply order. The Institute reserves the right to select any bid on the grounds of quality, offer of additional / special features, compatibility, etc.
12. The Institute also reserves the right to reject any bids with sub-standard products even if they are found to be lowest.
13. Delivery of the required components/equipments should be done within 4-6 weeks of the issue of purchase order.
14. Full particulars regarding the make, manufacturing specifications and standards, guarantee period, and descriptive literature should accompany the quotation.
15. The price and the delivery period should be clearly stated in the quotation.

16. If any articles are not up to the prescribed quality or specification it is liable for outright rejection.
17. At the time of dispatch of articles, Delivery Note should be given along with the articles.
18. The list of Items is attached as Annexure. The firms may quote any single items or whole items separately as the case may be.
19. The institute may send the purchase order to the bidder based on the cost of the each component/equipment.
20. Failure to supply the item indented within delivery time will result in automatic cancellation of Supply Orders. Such automatic cancellation empowers the Institute to purchase the items from other available sources and to recover the difference between the prices so paid and those payable under the contract. Also failure to comply with the general spirit of the contract will lead to termination of contract and effecting purchases required from outside sources and to recover the loss in such kind of purchase from supplier.
21. In case of failure to supply within the time specified in the Purchase order, a penalty/LD of 0.5% of the total value per week or a part thereof shall be levied subject to a maximum of 7.5% in respect of items which are not supplied. The decision of National Institute of Technology Puducherry shall be final in this regard.
22. The Demonstration of the components/equipments should be provided by the supplier on the basis of requisition.
23. The manual should be provided along with the components/equipments after the purchase of the same.
24. In the last three years, the bidders should have supplied the product/components/equipments to the minimum of two government organization/institution. The copy of the proof is to be enclosed.

Date: 25-08-2016

-Sd/-
Registrar (i/c)

Accepted the terms & Conditions

Name, Sign & seal of the vendor

ANNEXURE

Procurement of Components/equipments for the Linear Integrated Circuits
Laboratory
NITPY's Specifications

Item No.	Components/Equipments with Specifications
1.	<p>Digital Storage Oscilloscope</p> <ul style="list-style-type: none">• Bandwidth: 100MHz• Sampling Time: 2GSa/s• Equivalent Sampling Rate: 50GSa/s• Memory Depth: 24 k Points• Rise Time: <3.5ns• Scan: 100ms- 50 s/div• Time Base Range: 1 ns-50 s/div• Time Base Accuracy: ±100 ppm measured over 1ms interval <p><u>Input:</u></p> <ul style="list-style-type: none">• Input Coupling: DC, AC, GND• Maximum Input Voltage: +400 V PK-PK CAT I <p><u>Vertical System:</u></p> <ul style="list-style-type: none">• Vertical Scale: 2mV/div to 5 V/div• Vertical Resolution: 8 bits• Channels: 4+Ext. Trigger <p><u>Trigger System:</u></p> <ul style="list-style-type: none">• Trigger Types: Edge, Pulse Width, Video, Slope, Alternative• Trigger Modes: Auto, Normal, Single• Analysing Mode: Normal, Averaging, Sequence, Peak detect, Roll• Trigger Sources: CH1, CH2, CH3,CH4, EXT, EXT/5, AC line• Trigger Coupling: AC,DC,LF,rej, HF rej <p><u>Measurement and Storage System:</u></p> <ul style="list-style-type: none">• Storage: Internal: 2/4 reference waveform, 20 setup files & captured waveform files, USB: Setups, Waveforms, CSV file, BMP.• Measurements: Automatic Measurements, Time and Voltage Cursors, Math (Add, Subtract, multiply), FFT (Hanning, Hamming, Blackman, Rectangular) <p><u>Display:</u></p> <ul style="list-style-type: none">• Color TFT 7in LCD <p><u>Power Supply:</u></p> <ul style="list-style-type: none">• Power: 100-240V AC, 45Hz to 440Hz• Power Consumption: ≤50 VA <p><u>I/O Interface:</u></p> <ul style="list-style-type: none">• USB, Printer compatibility and softwares for waveform analysis <p><u>Standard Accessories to be supplied:</u></p> <ul style="list-style-type: none">• 1:1/1:10 Probes (2/4 Nos), Power Cord, USB Cable, Manual, Calibration Certificates

Date: 25-08-2016

-Sd/-
Registrar (i/c)