

NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI – 15

Department of Chemistry

Web : www.nitt.edu

Phone : 0431 - 2503631



TENDER DOCUMENT

(Last date extended)

Tender Notification No.: NITT/ICSR/CHY/SA/DST-FST/2009-2010/32 Dated : 29.10.2009

Name of the component : **Workstation**

Quantity required : List attached

EMD Amount : Rs. 6,000/-

Delivery : one month from the date of order

Last Date of submission of Tender : **31.12.2009** upto 3.00 p.m.

Address for submission of Tender : The Head
Dept. of Chemistry
National Institute of Technology
Tiruchirappalli – 620 015
Phone No: 0431- 2503631

Date of opening of bid : **31.12.2009 at 3.30 p.m**



**NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI – 15**

DEPARTMENT OF CHEMISTRY

Tender Notification No.: NITT/ICSR/CHY/SA/DST-FIST/2009-2010/32

Dated : 29.10.2009

NOTICE INVITING TENDER

The National Institute of Technology, Tiruchirappalli (NITT) is an autonomous body under MHRD, GOI, imparting Technical Education and engaged in Research Activities. It is proposed to procure the following component for the departmental academic/research activities.

Sealed Quotations under **two cover system** are invited for the following component subject to the following terms and conditions, from the reputed manufacturers or their authorized dealers so as to reach this office on or before scheduled date and time. The technical cover will be opened on the same day in the presence of bidders or their authorized agents who may choose to be present.

Name of the component : **Workstation**
Quantity required : List attached
EMD : Rs. 6,000/-
Time for completion of supply after placing purchase order : one month from the date of order
Last Date of submission of Tender : 31.12.2009 upto 3.00 p.m.
Tender to be submitted at the following address : The Head
Dept. of Chemistry
National Institute of Technology
Tiruchirappalli – 620 015
Phone No: 0431- 2503631

Place, Date and time of opening of bid :

Date: 31.12.2009

Time: 3.30 p.m

Venue: **Dean (IC&SR) office**

Note : The Institute shall not be responsible for any postal delay about non-receipt / non delivery of the bids or due to wrong addressee.

SECTION : 1 INSTRUCTION TO BIDDER

1. The bidder should give details of their technical soundness and provide list of customers of previous supply of similar items to Universities, Institutes or Government Departments/Undertakings/public sectors with contact details. The details of the agency/profile should be furnished along with the copy of all related documents.

1.1 Bids are to be submitted under two cover system.

Cover 1:

Cover 1 should contain the following:

- a. **EMD by Demand Draft drawn on any scheduled bank in favour of "The Director, NIT, Trichy" payable at Trichy should be submitted. EMD shall bear no interest. Any bid not accompanying with EMD is liable to be treated as non-responsive and rejected.**
- b. **Technical pamphlets**
- c. **Detailed technical specification**
- d. **The agency should furnish copy of license certificate for manufacture/supply of the item.**
- e. **The agency should furnish Income Tax PAN number**
- f. **Warranty period offered for the tendered item to be specified. If the warranty period is not conforming with the schedule of requirements given in section 3 of the document, the bid is liable to be treated as non-responsive and rejected.**
- g. **Duly filled up technical questionnaire, if any**
- h. **Duly filled up deviation schedules to technical specification**
- i. **Copy of supply orders completed during the last three years ending 31-12-2008.**
- j. **If the prices are revealed in the cover 1, the offer will be summarily rejected**

- 1.2 **The cover 1 shall be superscribed as 'Technical cover' duly indicating the Tender reference No. and the due date of opening.**

1.3 Cover 2:

Cover 2 should contain the following

Cover 2 shall contain Price only and shall be superscribed as 'Price Cover' duly indicating the Tender Reference No. and the due date of opening.

Each Cover shall be sent in a double sealed cover. The inner covers (Cover 1 and Cover 2) should be sealed individually with the sellers's distinctive seal and superscribed with the tender reference no. and due date of opening. Both the inner covers shall be placed in a common outer cover which shall also be sealed with seller's distinctive seal and superscribed with the tender reference no. and due date of opening.

Mention "Kind Attention:....., and submit at the address given in the Notice Inviting Tender.

Cover 1 will be opened on the scheduled date and time mentioned in the tender enquiry. Cover 2 of the technically and commercially suitable offers alone will be opened on a date which will be intimated to the qualified bidders.

2. The agencies should submit their rate as per the format given in Section 4 of the Notice Inviting Tender in this cover. Rate should be quoted in Indian Rupee. The rate should be quoted both in

words and figures. All the pages of the bid should be signed affixing the seal. All corrections and overwriting should be initialed.

3. The tender will be acceptable only from the manufacturers or its authorized supplier.
4. The bid shall be in the format of price schedule given in Section 4. The contract form as per format given in section 5 shall be submitted. Incomplete or conditional tender will be rejected.
5. Details of quantity and the specifications are mentioned in Section 3 appended to this Notice Inviting Tender.
6. The item to be used is strictly according to the specification and subject to test by the Institute/concerned authorities. It must be delivered and installed in good working condition.
7. The Institute reserves the right to cancel or reduce the quantity included in the schedule of requirements at any time after acceptance of the tender with a notice. The Contractor/Supplier shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the work/supply in full but he did not derive in consequence of the foreclosure of the whole or part of the works.
8. Performance Security of 5% of the contract value in terms of Bank guarantee by scheduled banks shall be given by the successful bidder for the total period of warranty.
9. **Release of EMD:** The EMD shall be released after receipt of performance security from successful bidder.
10. **Validity of bids:** The rate quote should be valid for a minimum of 90 days. No claim for escalation of rate will be considered after opening the Tender.
11. **Imports:** In case, goods are to be imported, the Indian agent should furnish authorization certificate by the principles abroad for submission of the bid in response to this Notice Inviting Tender.
12. **Clarification of Tender Document:** A prospective bidder requiring any clarification of the Tender document may communicate to the contact person given in this notice inviting tender.
13. **Amendment of tender document:** At any time prior to the last date of receipt of bids, Institute may for any reason, whether at its own initiative or in response to a clarification requested by prospective bidder, modify the Tender document by an amendment.
14. ***The Institute may at its own discretion extend the last date for the receipt of bids.***
15. The bids shall be written in English language and any information printed in other language shall be accompanied by an English translation, in which case for the purpose of interpretation of the bid, the English translation shall govern.
16. The Institute reserves the right of accepting any bid other than the lowest or even rejecting all the bids without assigning any reasons therefor. The decision of the Institute Purchase Committee is final in all matters of tender and purchase.
17. The bidder should give the following declaration while submitting the Tender.

DECLARATION

I/we have not tampered/modified the tender forms in any manner. In case, if the same is found to be tampered/modified, I/we understand that my/our tender will be summarily rejected and full Earnest Money Deposit (EMD) will be forfeited and I/we am/are liable to be banned from doing business with NIT, Trichy and /or prosecuted.

Signature of the Bidder :

Name and Designation :

Business Address :
.....
.....

Place :

Date :

Seal of the Bidder's Firm

18. Any other details required may be obtained from the contact person given in the notice inviting tender during the office hours.

SECTION : 2 CONDITIONS OF CONTRACT

1. The rates should be quoted in Indian Rupee FOR NIT, Trichy for supply within India.
2. In case of import both CIF and / or FOB rate should be quoted. All components of expenditure to arrive at Chennai need to be explicitly specified.
3. The bidder shall indicate the excise duty exemption for the goods if applicable
4. The Institute is eligible for customs duty and excise duty exemption.
5. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any.
6. Rate quoted should be inclusive of Testing, commissioning and installation of equipment and training.
7. **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. In case of imports, the payment will be made through LC after installation and performance security need to be submitted at the time of LC commitment.
8. Guarantee and Warrantee period should be specified for the complete period conforming to the section 3 of this tender document.
9. Period required for the supply and installation of item should be specified conforming to the section 3 of this tender document.
10. In case of dispute, the matter will be subject to Tiruchirappalli, Tamil Nadu Jurisdiction only.

SECTION : 3 SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS

Name of the Component to be procured :

Specifications :

Warranty:

Name of the Component to be procured : **Workstation**

Specifications : **List attached**

Quantity : **List attached**

Any other details/requirement : **List attached**

Warranty period required : **5 years**

Delivery schedule expected after
release of purchase order (in weeks) : **One month**

EMD (in Rupees) : **Rs. 6,000/-**

Performance Security to be given by
Successful bidder after release of
purchase order (in Rupees) : **Not applicable**

SECTION : 4 PRICE SCHEDULE

[To be used by the bidder for submission of the bid]

- 1. Component Name :
- 2. Specifications (confirming to Section 3 of Tender document-enclose additional sheets if necessary) :
- 3. Currency and Unit Price :
- 4. Quantity :
- 5. Item cost (Sl.No.3 & Sl.No.4) (in Indian Rupee) :
- 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 (confirming to the Section 3 of Tender document. This should be mentioned in Technical bid also in order to get qualified for Financial bid) :
- 8. Delivery Schedule (confirming to the Section 3 of Tender document) :
- 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 : 5 CONTRACT FORM

[To be provided by the bidder in the business letter head]

1. {Name of the Supplier's Firm) hereby abide to deliver theby the delivery schedule mentioned in the Section 3 tender document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in the tender document without any defect and deviations.
3. Warranty will be given for the period mentioned in the tender document and service will be rendered to the satisfaction of NIT, Trichy during this period.

Signature of the Bidder :

Name and Designation :

Business Address :
.....
.....

Place :

Date :

Seal of the Bidder's Firm

Specification for Work Station

1. Make & Model: Make & Model of the Workstation should be specified
2. Processor: 2 x Quad Core Intel Xeon Processor X 5450 (3.00GHz, 2X6M L2, 1333)
3. Processor Socket: Specify
4. Cache: 2x6MB L2 cache on the processor
5. Mother Board: 5400X Express Chipset based mother board
6. Bus Speed: FSB: 1333 MHz
7. Memory: 16 GB DDR2 SDRAM, (667 MHz), Quad-Channel Full Buffered DIMM ECC Memory (4 DIMMs desirable)
8. Hard Drive: 2 x 160GB 10,000 rpm with 16MB Data Burst Cache (SATA)
Specify the make & rpm of the Harddisk
9. Key Board: USB Keyboard (Windows Keyboard with US key layout)
10. Mouse: USB 2-button optical mouse with scroll and Mouse Pad
11. DVD Drive: 16X max DVD+/-RW Drive
12. Networking: Integrated 10/100/1000 -Tx NIC with PXE BOOT ROM support
13. Graphics: Card nVidia Quadro FX 4800 or higher, 1.5GB GDDR3, PCIe x16 with dual DVI interface, specify Make & Model
14. Resolution: Should support True color (16.7 million colors) at 1920 x 1200 @ 60Hz
15. Operating System: Without OS
16. Test Certificate: Should be tested on Windows XP Prof. 64-bit, Windows Vista, Red Hat Enterprise Linux v.5 (NIT-T has signed Microsoft Campus Agreement and Driver CD should be given for all the above OS)
17. Cabinet/Chassis: Mini Tower chassis with SMPS with Screw-less chassis with lock and key
18. Audio: Integrated High Definition Audio /AC97
19. Speaker: Internal Speaker
20. Input Power Supply: Input Power: 200-240V / 50 Hz
21. SMPS power supply rating: Should be less than 1200 Watts, specify
22. Power Consumption during normal running: Specify in Watts
23. External Connectors/ Jacks: Stereo/speakers line-out & line-in, Microphone in jacks (rear), Headphone (front)
24. I / O Ports: Minimum 1 Serial Port (9-pin) and 1 Parallel port (25-hole)
25. PS/2 Port: 2 numbers of PS/2 Port
26. USB Ports: 8 USB ports, Hi-Speed USB 2.0 of which 2 should be in front.
27. PCI Slots: Number of PCI slots (Minimum 1 required)
28. PCIe x16 Express buses: PCI Express x16 graphics slot
29. FireWire port (IEEE 1394a/b): FireWire Port (required with add-in card) IEEE 1394a or 1394b connector
30. . Memory Slots: Number of memory slots on motherboard, minimum 8 required
31. Maximum amount of DDR2 Supported: Should support minimum 32GB RAM. Specify the maximum amount of DDR2 supported by the workstation
32. Internal Drive Bays: Specify the Number of Internal Drive bays available (3½ ", 5¼ ")
33. External Drive Bays: Specify the Number of External Drive bays available (3½ ", 5¼ ")
34. Dimensions: Specify in mm (l x b x h)
35. Weight: Specify in kg
36. Environmental: Specify the Operating temperature, and Operating Humidity
37. Design Standard & Safety Standard: Specify the design standard & safety standard
38. Certification: ISO 9001, 9002, 14000

39. Warranty: 5 years (60 months) comprehensive on-site warranty with On-Site Service & Support

CONFIGURATION: 19" LCD MONITOR SPECIFICATION

40. Make & Model Make & Model of the LCD Monitor should be specified

41. LCD Monitor: 19" LCD/TFT Digital Color Monitor

42. LCD Monitor resolution: Minimum 1280x1024 required. Specify max. resolution supported.

43. Monitor Contrast ratio: 500:1

44. Monitor Brightness 275 nits (cd/m²)

45. Type of Monitor Interface Both DVI-D (digital) & VGA DB-15 (analog)

46. Monitor viewing angle in degrees: Horizontal : 140° atleast
Vertical : 120° atleast

47. Response time Response time in ms

48. Pixel pitch Specify the Pixel pitch in mm

49. Tilt range Specify the Tilt range in Degrees

50. Swivel range Specify the Swivel range in Degrees

51. Pivot rotation Pivot rotation (Landscape & Portrait)

52. Height adjustable Height adjustable range in mm