



MARCH/2013/CSG

Tender Notification No. March/2013/CSG

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**BIDDER'S COPY**

**INSTRUCTIONS TO BIDDERS**

1. This document set contains the following:
 

a) Terms and conditions of the Tender	-	Pages 2 & 3
b) Details of the Firm offering this Quote	-	Page 4
c) Technical Compliance Form	-	Pages 5 to 16
c) Quotation form (Price Bid)	-	Pages 17 to 18
d) Currency Form (quoted on behalf of the foreign suppliers)	-	Pages 20 to 21
d) NIT-T's check list copy	-	Page 22
2. The bidder's copy is for your future records. Please fill in and return only NIT-T's copy.
3. Read through the terms and conditions given and affix your signature and seal if you find them acceptable. Any deviations may be recorded. Read carefully list of specifications that we have enclosed.
4. Fill in the questionnaire regarding the Firm.
5. The downloaded documents '**Technical Compliance Form**' and '**Quotation Form (Price Bid)**' should be **TYPE WRITTEN USING CAPITAL LETTERS ONLY**. At the time of filling the "**Quotation Form (Price Bid)**" make sure that you have not missed anything. Specify the model number & specification for each item. The form should be filled item-wise. Do not leave blank fields. If you are not quoting for a specific item, you should specify "**NOT QUOTING**".
6. **Do not use** ambiguous terms like "**yes**", "**complied**" or "**available**". Specifically mention the matching specification of the product offered by you. Make sure that you have affixed your signature with date and seal on all the documents.
7. Please send the tenders in a sealed envelope superscribed as "**Quotations against Tender Notification No.: March/2013/CSG Item No. 13 : Personal Computers**" so as to reach "The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli - 620 015, India" on or before **April 18, 2013 at 2.30 p.m. along with a Softcopy of the Technical Compliance form and Quotation Forms in MS-Excel or MS-Word file format in a CD/DVD or USB drive.**
8. For any further clarifications, contact by E-Mail: [purchase@nitt.edu](mailto:purchase@nitt.edu) or by written request to "The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli - 620 015"
9. **DO NOT VISIT US WITHOUT OUR CONCURRENCE.**

**Last Date for receipt of tender at NIT-T : April 18, 2013 at 2.30 p.m.**

**Opening Date for Tender : April 18, 2013 at 3.30 p.m.**

CHECKLIST TO BE FILLED IN BY BIDDER	
List of documents to be enclosed	Completed & Signed
1. Terms and Conditions form	YES / NO
2. Details of the Firm offering this Quote	YES / NO
3. NIT-T's Quotation form (Technical & Price Bid)	YES / NO
4. Currency Form(quoted on behalf of the foreign suppliers)	YES / NO
5. Other technical specifications & pamphlets	YES / NO

- Note:** 1. "Cover" should contain the following:
- a. Form of "**Acceptance of Terms and Conditions**".
  - b. Form of "**Firms details**"
  - c. Pamphlets, if any (in a separate sealed cover)
2. Quotation Form (Technical, Price Bid and Currency Form)

Please retain this page with you for your future reference.

**BIDDER'S COPY**



Tender Notification No. March/2013/CSG

NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**“TERMS AND CONDITIONS FORM”**

**IMPORTANT : READ ALL THE FOLLOWING TERMS AND CONDITIONS AND  
SIGN THE ACCEPTANCE CLAUSE FOLLOWING IT**

1. The offers should be addressed to “The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli 620015, India” and should be sent in a sealed envelope superscribed “**Quotations against Tender Notification No.: March/2013/CSG Item No. 13 : Personal Computers**” so as to reach us **on or before 2.30 p.m. on April 18, 2013. Softcopy of the Technical Compliance form and Quotation Forms should be submitted along with the tender in MS-Excel or MS-Word file format in a CD/DVD or USB drive. However, if there is any dispute between Hard copy and Soft copy, Hard copy will be taken.**
2. Each offer should be sent in a sealed cover with the tender documents. Tenders received through email or FAX will not be considered.
3. The tenders will be opened on **April 18, 2013 at 3:30 p.m.** in the presence of the vendors present with authorization letter from the respective companies / firms. Suppliers intending to attend the tender opening should intimate us in advance.
4. Full technical specifications and pamphlets should be sent along with the tenders. **Offers without proper technical specifications will be rejected.**
5. All offers should indicate the taxes and duties applicable, if any. Additional charges for packing, forwarding, freight, insurance etc., if any, should be clearly mentioned. Clearance at Customs will be arranged by us.
6. NIT-T is paying concessional Customs & Excise duty under Government of India Notification No.51/96 for Central Customs and 10/97 for Central Excise Duty vide Certificate No.TU/V/RG-CDE(183)/2011 dt.10.10.11. Currently the purchaser is paying 5% Basic Customs Duty, 2% Educational Cess on Basic Customs Duty, 1% Higher Education Cess on Educational Cess, and 4% Import Additional Duty.
7. The Institute is not authorized to issue C and D forms of Sales tax certificate.
8. In case the offered items are to be imported, the rates should be quoted in foreign currency on C.I.F. Chennai Airport basis, and it should include the Freight up to Chennai airport and the insurance cover should be up to National Institute of Technology, Tiruchirappalli. NIT-T shall pay Customs duty if any.
9. If the price quoted is in foreign currency and if the order value is more than US\$10,000 then 100% payment will be made through **Letter of Credit (LC) at sight on acceptance.** If the order value is less than US\$10,000 , then 100% payment will be through a Telegraphic Transfer (TT). **The bank charges outside India should be borne by the Supplier / Beneficiary. Part shipment not allowed.** If the price quoted is in Indian Rupees, then 100% payment will be made only after installation and commissioning. **No advance payment will be made.**
10. No revision of the price bid will be allowed once the price bids are opened.
11. No increase in price will be allowed after our firm orders are placed.
12. The warranty period should be clearly mentioned. The maintenance charges (AMC) under different schemes after the expiry of the warranty should also be mentioned.
13. Quote should come from authorized dealer or distributor or reseller for each of the product quoted. An authorization letter should accompany your quote for each product quoted, otherwise it may lead to rejection.
14. The delivery period and other terms should be clearly mentioned.
15. Eligibility: Quotation from registered firms/company's / manufacturer under TNGST/CST / other statutory bodies alone be considered. Any Manufacturer / Supplier / Dealer who has been declared ineligible by World Bank/government of India shall not be eligible to participate in this bid. Any fraudulent practices including concealing of facts at the time of submission of bid and there after shall lead to disqualification. List of beneficiaries especially from Educational Institutions / R & D Institutions should also be enclosed with the quotations.
16. Complete user, technical and service documentation, and spare parts catalogue are to be provided along with the supply of the item.

**SIGNATURE WITH DATE**

*Use only the bar coded form provided by NITT*

**SEAL OF THE FIRM**



MARCH/2013/CSG

Tender Notification No. March/2013/CSG

**COMPUTER SUPPORT GROUP**

**Item No. 13 : Personal Computers**

17. The vendors are informed that they should not call us over phone or contact us in person. All clarifications can be obtained through E-Mail/FAX/Post. Vendors shall not make attempts to establish unsolicited and unauthorised contact with us after the opening of the offers and prior to the notification of the award. Any attempt by any vendor to bring to bear extraneous pressures on us shall be sufficient reason to disqualify the vendor.
18. Delay / loss in postal transit or due to other reasons will not be NIT-T's responsibility.
19. We are not responsible for accidental opening of the covers that are not properly superscribed and sealed before the time scheduled for opening.
20. The tender should be made only on the "Technical compliance form" & "Quotation form" which is available in our website, otherwise it shall lead to rejection. The technical compliance form & PRICE BID FORM should be duly filled up (preferably **TYPE WRITTEN IN CAPITAL LETTERS**) and should clearly mention the features offered by the bidder against each specification.
21. Authorized signatory should sign on all the pages. Bids without authorized signatures will be rejected.
22. The manufacturers of the quoted make of the product must be of national / international repute and having ISO certificate.
23. **Liquidated damages:** If the bidder/supplier, after accepting the Purchase Order, fails to deliver any or all of the Goods within the period specified in the Order, NIT-T shall, without prejudice to its other remedies under the Rules of Purchase, proceed to cancel the order or agree to accept a delayed delivery on the condition of payment of liquidated damages by the bidder / supplier a sum equivalent to 0.50% of the total cost as indicated in the Purchase Order (which will be deemed as agreed price) for each week or part thereof of delay until actual delivery or performance is completed and such penal charges shall be limited to a maximum of 5% of the total cost. Once the maximum is reached NIT-T may proceed on its own to consider the termination / cancellation of the order.
24. **The vendors are informed that they should sign a stamp paper agreement with us, for Warranty, AMC, etc. before placing the final purchase order as per our terms & conditions and 5% of purchase order value in the form of bank guarantee towards performance security. The performance bank guarantee (PBG) will be returned to the supplier after the successful completion of supply, installation, and the warranty period.**
25. No Earnest Money Deposit (EMD) or processing fee is required for submitting this rate contact.
26. Failure to comply with all the terms and conditions mentioned herein would result in the tender being summarily rejected.
27. Vendors are informed that once the companies are shortlisted based on the technical specification, only then the price bids of the firms that meet NIT-T's Technical specification / requirements would be compared.
28. The quoted price / rate contract should be valid till May 31, 2014. The vendors participated in the tender are expected to renew their offers whenever requested. The quoted prices should be valid for the entire rate contract period. This is for new requirements / expansion as and when it arises.
29. The order will be based on the actual requirement at the time of ordering, optional items may also be ordered based on the actual requirements at the time of ordering. Not quoting for this may result in disqualification.
30. Preventive Maintenance should be performed twice every year during the first week of January and July during the 5 year on-site comprehensive warranty period.
31. NIT-T reserves the right to modify or alter the specifications after short listing of tenderers.
32. NIT-T reserves the right to change the order quantity or split the orders among multiple vendors without assigning any reason(s) whatsoever.
33. NIT-T reserves the right to reject any or all the tenders without assigning any reasons whatsoever.

\*\*\*\*\*

**ACCEPTANCE**

We accept the above terms and conditions and shall comply with them strictly.

**NAME OF THE VENDOR:**

**ADDRESS :**

**SIGNATURE WITH DATE**

*Use only the bar coded form provided by NITT*

**SEAL OF THE FIRM**



Tender Notification No. March/2013/CSG

NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**“DETAILS OF THE FIRM OFFERING THIS QUOTE”**

(Write or print or type in block letters and please answer all the questions)

- 1. Name of the firm?
- 2. Date of incorporation?
- 3. Nature of the company - Government / Public / Private Company / Partnership / Proprietorship:
- 4. Specify the number of years in this line of activity by the Company :

5. Quantity of sales in the last three years for the “Computers” (same model that you have quoted)?

2009-2010	2010-2011	2011-2012
<input type="text"/>	<input type="text"/>	<input type="text"/>

6. Turn over in the last three years (Figures should be in Indian Rupees in Lakhs):

2009-2010	2010-2011	2011-2012
<input type="text"/>	<input type="text"/>	<input type="text"/>

7. Provide the postal address, telephone & fax numbers, and email address of the nearest service center.

8. A) Number of service engineers in the above location trained on the product quoted along with their educational qualification, certification and designation and B) Assured response time for service calls in hours:

A)

B)

9. What would be the delivery period in days from the date we place an official purchase order.

10. Enclose the list of customers to whom you have supplied “Computers” during the last 3 years ending 31/03/2012 with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id. Certificate regarding satisfactory performance of the “Computers” from the minimum three end users should be furnished.

11. Are you the authorized dealer or distributor or reseller for the products quoted:

12. Have you supplied “Personal Computers” to National Institute of Technology, Tiruchirappalli in the last 5 years? If yes, specify the quantity supplied in the last 5 years and last PC

13. Was there any elapse or delay in supplying the goods ordered or any service related issue during the warranty period for the products ordered by NIT-T with your firm? If yes, provide details.

14. On Manufacturer’s Side to whom NITT have to contact in case of delayed supply and other issues committed by the authorized dealer / distributor / reseller :

Contact Person Name :

Address :

E-mail ID :  Telephone / Cell Phone :

**SIGNATURE WITH DATE**

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Tender Notification No. March/2013/CSG

NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**“TECHNICAL COMPLIANCE FORM”**

**Item 1: CORE i7 HIGH-END COMPUTER SPECIFICATION:**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

Description	NIT-T's Specifications	The Suppliers matching Specification
1. Make	Make of the Computer should be specified	
2. Model	Model of the Computer should be specified	
3. Processor	Intel Core i7 Processor 3770, 3.4 GHz, upto 3.9 GHz, 8M, vPro, 4 Core, 8 Threads, 3rd Generation processor	
4. Cache	8MB L2 cache on the processor or higher	
5. DMI / Instruction set	5 GT/s, 64-bit	
6. Mother Board	Intel Q77 Express Chipset based motherboard or better chipset	
7. Memory	8 GB DDR3 SDRAM Non-ECC (1600 MHz) Dual Channel (2 DIMMs)	
8. Hard Disk Drive	Single 1 TB 7200 rpm, 32MB buffer, SATA 3.0, 6 Gb/s Specify the make & Size of the HDD	
9. Optical Drive	8x DVD+/-RW SATA (DVD Writer)	
10. Key Board	USB Keyboard (Windows Keyboard with US key layout)	
11. Mouse	USB 2-button optical mouse with scroll and Mouse Pad	
12. Networking	Integrated 10/100/1000 -Tx NIC with PXE BOOT ROM support	
13. On Board Graphics	Integrated Intel HD Graphics 4000 with VGA DB-15 (analog) Interface & Display Port	
14. Graphics/ Video API Support	OpenGL 3.1 / OpenCLv1.1 / DirectX 11	
15. Resolution	Should support min True color (16.7 million colors) at 1920 x 1200, 24-bit	
16. Operating System	Without OS*	
17. Test Certificate	System should be tested on Windows 7 Prof. SP1 and Windows 8 Prof. 64-bit	
18. Supported OS	Fedora Core 18, SuSE Linux 11, Ubuntu 12, RHEL 6.x	

\* Driver CD should be given for the above OS, and with web support for future OS.

**SIGNATURE WITH DATE**

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NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**"TECHNICAL COMPLIANCE FORM"**

Description	NIT-T's Specifications	The Suppliers matching Specification
19. Cabinet/Chassis	Small Form Factor (SFF) with SMPS, Screw-less chassis with lock and key	
20. Input Power Supply	Input Power: 200-240V / 50 Hz	
21. SMPS power supply rating	Should be less than 300 Watts, specify (Should be Energy Star rated)	
22. Power Consumption	Specify in Watts, during normal running	
23. Audio	Integrated High Definition audio with Internal Speakers	
24. External Connectors / Jacks	2 Line-in (stereo/microphone), 2 Line-out (headphone/speaker)	
25. I / O Ports	Minimum 1 Serial Port (9-pin) and 1 Parallel port (25-hole) onboard/add-on	
26. PS/2 Port Optional	Specify the number of PS/2 Ports, if available (optional)	
27. USB 2.0 Ports	4 USB ports, Hi-Speed USB 2.0 of which 2 should be in front.	
28. USB 3.0 Ports	4 USB ports, Hi-Speed USB 3.0 of which 2 should be in front.	
29. SATA Interface	2 SATA 3.0 Interface & 1 SATA 2.0 Interface	
30. PCI Slots	Number of PCI / PCIe x1 slots / PCIe x16 (wired x4) Slots, Specify	
31. PCI x16 Express buses	Number of PCI Express x16 graphics Slots, Specify	
32. Memory Slots	Number of memory slots on motherboard, min 4 required	
33. Maximum amount of RAM Supported	Should support minimum 32GB RAM. Specify the maximum amount of DDR3 SDRAM (1600MHz) supported	
34. Internal Drive Bays	Specify the Number of Internal Drive bays available (3½")	
35. External Drive Bays	Specify the Number of External Drive bays available (5¼")	
36. Dimensions	Specify in mm (l x b x h)	
37. Volume	Should be less than 16 liters	
38. Weight	Specify in kg	
39. Environmental	Specify the Operating temperature, and Operating Humidity	

**SIGNATURE WITH DATE**

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MARCH/2013/CSG

Tender Notification No. March/2013/CSG  
**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**“TECHNICAL COMPLIANCE FORM”**

Description	NIT-T's Specifications	The Suppliers matching Specification
40. Design Standard & Safety Standard	Specify the design standard & safety standard	
41. Certification	ISO 9001, 9002, 14000, specify ERTL / FCC / EMC class B / UL / ACPI / RoHS / IEC	
42. Warranty	5 years (60 months) comprehensive on-site warranty with On-Site Service & Support for both Parts and Labour.	

The following optional items may be ordered based on the actual requirements at the time of ordering. **UPGRADATION / EXPANDABILITY** – not quoting for this may result in disqualification.

Description	NIT-T's Specifications	The Suppliers matching Specification
43. Graphics Card (Optional)	1GB AMD Radeon HD 7570 GDDR5 or equivalent with DP/DVI Graphics Card with VGA & DVI Adapters	
44. Additional Memory (Optional)	Additional Memory : 8 GB DDR3 SDRAM Non-ECC (1600 MHz) (2 DIMMs)	
45. Solid State Drive (Optional)	128GB Solid State Drive, 6Gb/s (SATA 3.0 Interface)	
46. Blu-ray Writer (Optional)	Blu-ray Writer Drive in lieu of 8x DVD+/-RW Drive	
47. Buy back option	See page no. 19 for various Buy back options along with specification	

- Item-wise terms and conditions available in Quotation Form.

**SIGNATURE WITH DATE**

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Tender Notification No. March/2013/CSG

**NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015**

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**"TECHNICAL COMPLIANCE FORM"**

**Item 2: CORE i5 MID-RANGE COMPUTER SPECIFICATION:**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

Description	NIT-T's Specifications	The Suppliers matching Specification
1. Make	Make of the Computer should be specified	
2. Model	Model of the Computer should be specified	
3. Processor	Intel Core i5 Processor 3470, 3.2 GHz upto 3.6 GHz, 6M, vPro, 3rd Generation processor, 4 Core	
4. Cache	6MB L2 cache on the processor or higher	
5. DMI / Instruction set	5 GT/s, 64-bit	
6. Mother Board	Intel Q77 Express Chipset based motherboard or better chipset	
7. Memory	4 GB DDR3 SDRAM Non-ECC (1600 MHz) Dual Channel	
8. Hard Drive	Single 500 GB 7200 rpm, 32MB buffer, SATA 3.0, 6 Gb/s Specify the make & Size of the HDD	
9. Optical Drive	8x DVD+/-RW SATA (DVD Writer)	
10. Key Board	USB Keyboard (Windows Keyboard with US key layout)	
11. Mouse	USB 2-button optical mouse with scroll and Mouse Pad	
12. Networking	Integrated 10/100/1000 -Tx NIC with PXE BOOT ROM support	
13. On Board Graphics	Integrated Video, Intel HD Graphics 2500 with both VGA & Display Port	
14. Resolution	Should support min True color (16.7 million colors) at 1920 x 1200, 24-bit	
15. Cabinet/Chassis	Small Form Factor (SFF) chassis with SMPS, Screw-less chassis with lock and key	
16. Operating System	Without OS*	
17. Test Certificate	System should be tested on Windows 7 Prof. SP1 and Windows 8 Prof. 64-bit	
18. Supported OS	Fedora Core 18, SuSE Linux 11, Ubuntu 12, RHEL 6.x	

\* Driver CD should be given for the above OS, and with web support for future OS.

**SIGNATURE WITH DATE**

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Tender Notification No. March/2013/CSG

NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**“TECHNICAL COMPLIANCE FORM”**

Description	NIT-T's Specifications	The Suppliers matching Specification
19. Input Power Supply	Input Power: 200-240V / 50 Hz	
20. SMPS power supply rating	Should be less than 300 Watts, specify (Should be Energy Star rated)	
21. Power Consumption	Specify in Watts, during normal running	
22. Audio	Integrated High Definition audio with Internal Speakers	
23. External Connectors / Jacks	2 Line-in (stereo/microphone), 2 Line-out (headphone/speaker)	
24. I / O Ports	Minimum 1 Serial Port (9-pin) and 1 Parallel port (25-hole)	
25. PS/2 Port Optional	Specific the number of PS/2 Ports, if available (optional)	
26. USB Ports	4 USB ports, Hi-Speed USB 2.0 of which 2 should be in front.	
27. USB 3.0 Ports	4 USB ports, Hi-Speed USB 3.0 of which 2 should be in front.	
28. SATA Interface	2 SATA 3.0 Interface & 1 SATA 2.0 Interface	
29. PCI/PCIe x1 Slots	Number of PCI / PCIe x1 slots / PCIe x16 (wired x4) Slots, Specify	
30. PCIe 16	PCIe x16 (low-profile / half height) (Minimum 1 required)	
31. Memory Slots	Number of memory slots on motherboard, min 4 required	
32. Maximum amount of DDR3 SDRAM Supported	Should support minimum 16GB RAM. Specify the maximum amount of DDR3 SDRAM (1600MHz) supported	
33. Internal Drive Bays	Specify the Number of Internal Drive bays available (3½”), min. 1 required	
34. External Drive Bays	Specify the Number of External Drive bays available (5¼”), min. 1 required	
35. Dimensions	Specify in mm (l x b x h)	
36. Volume	Should be less than 16 liters	
37. Weight	Specify in kg	
38. Environmental	Specify the Operating temperature, and Operating Humidity	

**SIGNATURE WITH DATE**

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MARCH/2013/CSG

Tender Notification No. March/2013/CSG

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**“TECHNICAL COMPLIANCE FORM”**

Description	NIT-T's Specifications	The Suppliers matching Specification
39. Design Standard & Safety Standard	Specify the design standard & safety standard	
40. Certification	ISO 9001, 9002, 14000, specify ERTL / FCC / EMC class B / UL / ACPI / RoHS / IEC	
41. Warranty	5 years (60 months) comprehensive on-site warranty with On-Site Service & Support for both Parts and Labour.	

The following optional items may be ordered based on the actual requirements at the time of ordering. **UPGRADATION / EXPANDABILITY** – not quoting for this may result in disqualification.

Description	NIT-T's Specifications	The Suppliers matching Specification
42. Graphics Card (Optional)	1GB AMD Radeon HD 7470 DDR3 DP/DVI, LP, Graphics Card or equivalent with DVI-VGA adapters	
43. Additional Memory (Optional)	Additional Memory : 4 GB DDR3 SDRAM Non-ECC (1600 MHz) (1 DIMM)	
44. Solid State Drive (Optional)	128GB Solid State Drive	
45. Buy back option	See page no. 19 for various Buy back options along with specification	

- Item-wise terms and conditions available in Quotation Form.

**SIGNATURE WITH DATE**

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Tender Notification No. March/2013/CSG

**NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015**

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**“TECHNICAL COMPLIANCE FORM”**

**Item 3: CORE i3 ENTRY-LEVEL COMPUTER SPECIFICATION:**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

Description	NIT-T's Specifications	The Suppliers matching Specification
1. Make & Model	Make & Model of the Computer should be specified	
2. Processor	Intel Core i3 3220 (3.30 GHz), 3MB Cache, 3rd Generation processor, 2 Core, 4 Threads	
3. DMI	5 GT/s	
4. Mother Board	Intel H61 or Q75 Express Chipset based motherboard or better	
5. Bus Speed	Specify FSB	
6. Memory	4 GB DDR3 SDRAM Non-ECC (1600 MHz) (1 DIMM)	
7. Hard Drive	Single 500GB 7200 rpm (SATA II), 3.5" 3.0 Gbps, Specify the make of the HDD	
8. Optical Drive	8x DVD+/-RW SATA (DVD Writer) with Dual Layer	
9. Key Board	USB Keyboard (Windows Keyboard with US key layout)	
10. Mouse	USB 2-button optical mouse with scroll and Mouse Pad	
11. Networking	Integrated 10/100/1000 -Tx NIC with PXE BOOT ROM support	
12. On Board Graphics	Integrated Video, Intel HD Graphics 2500 with VGA and HDMI interface	
13. Resolution	Should support min True color (16.7 million colors) at 1024 x 768, 24-bit	
14. Cabinet/Chassis	Mini Tower chassis with SMPS	
15. Audio	Integrated Audio with Internal Speakers	
16. Operating System	Without OS*	
17. Test Certificate	System should be tested on Windows 7 Prof. SP1 and Windows 8 Prof. 64-bit	
18. Supported OS	Fedora Core 18, SuSE Linux 11, Ubuntu 12, RHEL 6.x	
19. Input Power Supply	Input Power: 200-240V / 50 Hz	

\* Driver CD should be given for the above OS, and with web support for future OS.

**SIGNATURE WITH DATE**

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TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**"TECHNICAL COMPLIANCE FORM"**

Description	NIT-T's Specifications	The Suppliers matching Specification
20. SMPS power supply rating	Should be less than 320 Watts, specify (Should be Energy Star rated)	
21. Power Consumption	Specify in Watts, during normal running	
22. External Connectors / Jacks	2 Line-in (stereo/microphone), 2 Line-out (headphone/speaker)	
23. I / O Ports	Minimum 1 Serial Port (9-pin) and 1 Parallel port (25-hole)	
24. PS/2 Port	Specific the number of PS/2 Ports, if available or via add-on card	
25. USB Ports	6 USB ports, Hi-Speed USB 2.0 of which 2 should be in front.	
26. USB 3.0 Port	1 USB port, Hi-Speed USB 3.0	
27. SATA Interface	2 SATA Interface (7-pin connector)	
28. PCIe x1 Slots	Number of PCIe x1 slots, (Minimum 2 required)	
29. PCIe x16 Slot	PCIe x16, (Minimum 1 required)	
30. Memory Slots	Number of memory slots on motherboard, min 2 required	
31. Maximum amount of DDR3 SDRAM Supported	Should support minimum 8GB, 1600 MHz DDR3 SDRAM. Specify the maximum amount of RAM supported.	
32. Internal Drive Bays	Specify the Number of Internal Drive bays available (3½ "), min. 2 required	
33. External Drive Bays	Specify the Number of External Drive bays available (5¼ "), min. 2 required	
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, specify ERTL / FCC / EMC class B / UL / ACPI / RoHS / IEC	
39. Warranty	5 years (60 months) comprehensive on-site warranty with On-Site Service & Support for both Parts and Labour.	

**SIGNATURE WITH DATE**

*Use only the bar coded form provided by NITT*

**SEAL OF THE FIRM**



MARCH/2013/CSG

Tender Notification No. March/2013/CSG

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**"TECHNICAL COMPLIANCE FORM"**

The following optional items may be ordered based on the actual requirements at the time of ordering.  
**UPGRADATION / EXPANDABILITY** – not quoting for this may result in disqualification.

Description	NIT-T's Specifications	The Suppliers matching Specification
40. Additional Memory (Optional)	Additional Memory : 2 GB DDR3 SDRAM Non-ECC (1600 MHz) (1 DIMM)	
41. Additional Graphics Card (Optional)	1GB AMD Radeon HD 7470 DDR3 DP/DVI, LP, Graphics Card or equivalent with DVI-VGA adapters	
42. Buy back option	See page no. 19 for various Buy back options along with specification	

- Item-wise terms and conditions available in Quotation Form.

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Tender Notification No. March/2013/CSG

NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**Item 4: 24" WIDE LED MONITOR "TECHNICAL COMPLIANCE FORM"**

Description	NIT-T's Specifications	The Suppliers matching Specification
1. Make & Model	Make & Model of the LED/TFT Monitor	
2. Monitor Size	24" Wide LED/TFT Digital Color Monitor	
3. Aspect Ratio	Widescreen (16:9)	
4. Monitor resolution	Minimum 1920 x 1080 at 60 Hz required. Specify max. resolution supported.	
5. Monitor Contrast ratio	1000:1 (typical)	
6. Monitor Brightness	250 cd/m2 (typical)	
7. Monitor Interface	Both DVI-D (digital) with HDCP & VGA DB-15 (analog)	
8. Monitor viewing angle	Horizontal : 150° (atleast) Vertical : 150° (atleast)	
9. Response time	Response time 5 ms	
10. Pixel pitch	Specify the Pixel pitch in mm	
11. Tilt range	Specify the Tilt range in Degrees	
12. Swivel range	Specify the Swivel range in Degrees	
13. Pivot rotation	Pivot rotation (Landscape & Portrait)	
14. Backlight Technology	LED with Antiglare Flat Panel Display	
15. Height adjustable	Height adjustable range in mm	
16. USB Interface	2 Built-in USB hub with USB 2.0 ports desirable	
17. Input Power Supply	Input Power: 200-240V / 50 Hz	
18. Typical Power consumption	Specify the LED/TFT Monitor Typical Power consumption in Watt	
19. Max power rating	Specify the Max power rating in Watt	
20. Warranty	5 years (60 months) comprehensive on-site warranty with On-Site Service & Support for both Parts and Labour.	
21. Dimensions	Specify in mm (l x b x h) without Stand	
22. Weight	Specify in kg without Stand	

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Tender Notification No. March/2013/CSG

NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**Item 5: 19" SQUARE LED MONITOR "TECHNICAL COMPLIANCE FORM"**

Description	NIT-T's Specifications	The Suppliers matching Specification
1. Make & Model	Make & Model number of the LED/TFT Monitor	
2. Monitor Size	19" Square LED/TFT Digital Color Monitor	
3. Aspect Ratio	Standard (5:4)	
4. Monitor resolution	Minimum 1280 x 1024 at 60 Hz required. Specify max. resolution supported.	
5. Monitor Contrast ratio	1000 : 1 (typical)	
6. Monitor Brightness	250 cd/m2 (typical)	
7. Monitor Interface	Both DVI-D with HDCP (digital), VGA DB-15 (analog), and DisplayPort	
8. Monitor viewing angle	Horizontal : 150° (atleast) Vertical : 150° (atleast)	
9. Response time	Response time 5 ms	
10. Pixel pitch	Specify the Pixel pitch in mm	
11. Tilt range	Specify the Tilt range in Degrees	
12. Swivel range	Specify the Swivel range in Degrees	
13. Pivot rotation	Pivot rotation (Landscape & Portrait)	
14. Height adjustable	Height adjustable range in mm	
15. Backlight Technology	LED with Antiglare Flat Panel Display	
16. USB Interface	2 Built-in USB hub with USB 2.0 ports desirable	
17. Input Power Supply	Input Power: 200-240V / 50 Hz	
18. Typical Power consumption	Specify the LED/TFT Monitor Typical Power consumption in Watt	
19. Max power rating	Specify the Max power rating in Watt	
20. Warranty	5 years (60 months) comprehensive on-site warranty with On-Site Service & Support for both Parts and Labour.	
21. Dimensions	Specify in mm (l x b x h) without Stand	
22. Weight	Specify in kg without Stand	

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MARCH/2013/CSG  
Tender Notification No. March/2013/CSG

NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**Item 6: 17" SQUARE LCD MONITOR "TECHNICAL COMPLIANCE FORM"**

Description	NIT-T's Specifications	The Suppliers matching Specification
1. Make & Model	Make & Model of the LCD/TFT Monitor	
2. Monitor Size	17" Square LCD/TFT Color Monitor	
3. Monitor Native resolution	Minimum 1280 x 1024 required. Specify max. resolution supported.	
4. Aspect Ratio	Standard (5:4)	
5. Contrast ratio	700:1	
6. Brightness	250 cd/m <sup>2</sup>	
7. Pixel pitch	Specify the Pixel pitch in mm	
8. Interface	VGA DB-15 (analog) and DVI-D (digital)	
9. Input Power	Input Power: 200-240V / 50 Hz	
10. Typical Power consumption	Specify the Monitor Typical Power consumption in Watt	
11. Max power rating	Specify the Max power rating in Watt	
12. Response time	Response time 5 ms	
13. Monitor viewing angle	Horizontal : 150° (atleast) Vertical : 150° (atleast)	
14. Warranty	5 years (60 months) comprehensive on-site warranty with On-Site Service & Support for both Parts and Labour.	
15. Dimensions	Specify in mm (l x b x h) without Stand	
16. Weight	Specify in kg	

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Tender Notification No. March/2013/CSG

NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**“QUOTATION FORM (PRICE BID) FOR COMPUTERS**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**Item 1: CORE i7 HIGH-END COMPUTER (PRICE BID)**

Sl. No.	NIT-T's Specifications	Unit Price <i>(inclusive of all taxes /all charges)</i>
1	Personal Computer (make, model & configuration as specified in the technical compliance form Item 1) with 5 years comprehensive on-site warranty	
<b>Optional Items (as specified in the technical compliance form with 5 years warranty)</b>		
2	Addition in Price for 1GB AMD Radeon HD 7570 GDDR5 DP/DVI, LP Graphics Card with VGA & DVI Adapters	
3	Addition if price for additional 8 GB DDR3 SDRAM Non-ECC (1600 MHz) (2 DIMMs)	
4	Reduction in Price for shipping the PC without 8x DVD+/-RW Drive (for Lab use)	
5	Addition in Price for Blu-ray Writer Drive in lieu of 8x DVD+/-RW Drive	
6	Addition in Price for 128GB Solid State Drive	

**Item 2: CORE i5 MID-RANGE COMPUTER (PRICE BID)**

7	Personal Computer (make, model & configuration as specified in the technical compliance form Item 2) with 5 years comprehensive on-site warranty	
<b>Optional Items (as specified in the technical compliance form) with on-site warranty</b>		
8	Addition in Price for 1GB AMD Radeon HD 7470 DDR3 DP/DVI, LP, Graphics Card, with DVI-VGA adapters	
9	Addition in Price for additional 4 GB DDR3 SDRAM Non-ECC (1333 MHz) (1 DIMM)	
10	Reduction in Price for shipping the PC without 8x DVD+/-RW Drive (for Lab use)	
11	Addition in Price for 128GB Solid State Drive	

**Item 3: CORE i3 ENTRY-LEVEL COMPUTER (PRICE BID)**

12	Personal Computer (make, model & configuration as specified in the technical compliance form Item 3) with 5 years comprehensive on-site warranty	
<b>Optional Items (as specified in the technical compliance form)</b>		
13	Addition in Price for additional 2 GB DDR3 SDRAM Non-ECC (1600 MHz or higher) 1 DIMM	
14	Addition in Price for 1GB AMD Radeon HD 7470 DDR3 DP/DVI, LP, Graphics Card, with DVI-VGA adapters	
15	Reduction in Price for shipping the PC without 8x DVD+/-RW Drive (for Lab use)	

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Tender Notification No. March/2013/CSG

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TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**“QUOTATION FORM (PRICE BID) for MONITORS:**

FIRM'S NAME & ADDRESS:

FIRM'S REF:

Sl. No.	NIT-T's Specifications	Unit Price (inclusive of all taxes /all charges)
16	<b>24” LED/TFT Monitor</b> (make and model as specified in the Monitor technical compliance form Item 4) with 5 years comprehensive on-site warranty	
17	<b>19” LED/TFT Monitor</b> (make and model as specified in the Monitor technical compliance form Item 5) with 5 years comprehensive on-site warranty	
18	<b>17” LCD/TFT Monitor</b> (make and model as specified in the Monitor technical compliance form Item 6) with 5 years comprehensive on-site warranty	

**“QUOTATION FORM (Price Bid) for BUY BACK OPTION FOR EXISTING OLD COMPUTERS \***

19	<b>Buy back option: Old HP eVectra / Vectra VL 400,</b> Intel Pentium III 733 MHz, 128 MB RAM, 10 GB harddisk PS/2 Keyboard and Mouse, 10/100 NIC, HP 15" CRT Color Monitor not in working condition	*Specify unit price:  (Qty: 50 to 150 numbers available)
20	<b>Buy back option: Old IBM M42 Pentium 4 (2.4GHz),</b> Intel 845G m/b, 512 MB RAM, 40GB 7200 rpm HDD, PS/2 Keyboard and 2-button optical mouse, 10/100 NIC, Integrated Audio with Internal Speakers, IBM 15" LCD/TFT Color Monitor not in working condition	*Specify unit price:  (Qty: 100 to 300 numbers available)
21	<b>Buy back option: Old Dell Optiplex GX 270,</b> Intel Pentium 4, 3.0 GHz, 1GB RAM, 80GB HDD, 256 MB RAM, Keyboard, Mouse, not in working condition	*Specify unit price:  (Qty: 30 to 100 numbers available)
22	<b>Buy back option: Old HP Compaq DC7600 / 7700,</b> Intel Pentium 4 (3.2 GHz / 2M Cache), 1 GB DDR2 RAM, 80 GB SATA Harddisk, Keyboard and Mouse, NIC, HP 17" LCD Color Monitor in working condition	*Specify unit price:  (Qty: 30 to 150 numbers available)
23	<b>Buy back option: Old Dell Optiplex GX 745/755,</b> Intel Core 2 Duo 3 GHz, 4MB L2, Q35 m/b, Express chipset, 1GB DDR2 SDRAM, 160GB SATA-II 7200 rpm, USB Keyboard, USB Optical Mouse, Dell 17" Ultra Sharp Monitor not in working condition	*Specify unit price:  (Qty: 30 to 100 numbers available)
24	<b>Buy back option: Old HCL Infiniti Computers,</b> Intel Pentium 4, 3.2 GHz, 915 m/b, 1GB DDR2 SDRAM, USB Keyboard & Optical Mouse, 17" LCD Monitor, in good working condition	*Specify unit price:  (Qty: 200 to 260 numbers available)

**\*Before quoting bidder can visit our site with prior notice and see the current state of these computers\***

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MARCH/2013/CSG

Tender Notification No. March/2013/CSG

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**ITEMWISE TERMS & CONDITIONS:**

- a) The order will be based on the actual requirement at the time of ordering, optional items may also be ordered based on the actual requirements. Not quoting for this may result in disqualification for that category of items ordered.
- b) One sample computer with the same specification as quoted should be supplied for testing and benchmarking, if requested at your cost.
- c) One on-site service engineer should be provided if 200 or more PCs are ordered within a year during the rate contract period (all configurations put together).
- d) Preventive Maintenance should be performed twice every year during the first week of January and July during the 5 year on-site comprehensive warranty period.
- e) If the order quantity crosses 100 numbers within the rate contract period of one year. Then there should be minimum 1% local stocking of all the computer spares at NITT during the five year warranty period. The spares should include Keyboard, Mouse, Monitor, Harddisk, RAM, SMPS, Processor, motherboard, etc.
- f) The downtime should be less than 24 hours. If the downtime exceeds 48 hours at a stretch then the duration of such downtime will be added to the warranty period and the warranty extended accordingly.
- g) The warranty start and end date will be counted from the date of installation and not from the date of shipment / billing.
- h) "Comprehensive on-site warranty with on-site support and service for both Parts and Labour" means that your engineer should visit the site / location where the problem is reported, then troubleshoot & identify the problem and replace the faulty part. NITT will not provide or do any troubleshooting at our end.
- i) If prices quoted in INR, it should be Net price (Including tax, other charges, etc.) Materials Door Delivery.
- j) If prices quoted in foreign currency, Please fill up the currency form enclosed
- k) If the rates are quoted in INR, the rates should be quoted on Door Delivery (F.O.R. N.I.T.T.) Basis.
- l) Enclose the Distributor / Reseller / Retailer certificate with the validity date. The offer should be authorised by the Manufacturer. The offers received without the certificate and authorization will be rejected.
- m) PCs should be supplied as per our indent (i.e. as per our actual requirement within the contract period).
- n) Payment of Bills will be after the acceptance of the PCs and after the receipt of the bills / invoices along with advance stamped receipt.

\*\*\*\*\*

**ACCEPTANCE**

We accept the above terms and conditions and shall comply with them strictly.

**NAME OF THE VENDOR:**

**ADDRESS :**

**SIGNATURE WITH DATE**

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Tender Notification No. March/2013/CSG

NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI - 620015**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**CURRENCY FORM**  
**“QUOTED ON BEHALF OF THE FOREIGN SUPPLIERS”**

FIRM'S NAME AND ADDRESS:

FIRM'S REF:

DATE:

Sl.No.	Description	Firm's Details	
a)	Foreign supplier / Principal's Name		
b)	Complete Postal Address of the Foreign supplier		
c)	Contact Person Name [to able clarify the required details after the placing of rate contract order]		
d)	Contact Telephone Number		
e)	Contact Fax Number		
f)	Contact E-Mail ID		
g)	Currency quoted		
<b>Preferable Terms for NITT</b>		<b>Vendor is accepting NITT Terms</b>	
h)	C&F Chennai Airport with Insurance Coverage upto N.I.T., Tiruchirappalli	Yes <input type="checkbox"/>	No <input type="checkbox"/>
i)	Bank Charges within India only payable by NITT	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>If vendor is not accepting the NITT Terms, please provide the following details</b>			
j)	If the terms is not acceptable for Sl. No. (h) a) Specify the cost associated for providing C&F Chennai Airport with the Insurance Coverage upto N.IT., Tiruchirappalli, Tamil Nadu, India (Suppliers warehouse to destination of Buyer)		
k)	If the terms is not acceptable for Sl. No. (i) a) Specify the additional cost [foreign bank charges]		
l)	<b>If Vendor is able to provide Direct Door Delivery</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
m)	If the Sl. No. (l) is Yes then specify the associated cost have to be paid by NITT and the documents needed		

... Contd.

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MARCH/2013/CSG

Tender Notification No. March/2013/CSG

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**CURRENCY FORM**  
**“QUOTED ON BEHALF OF THE FOREIGN SUPPLIERS”**

FIRM'S NAME AND ADDRESS:

FIRM'S REF:

DATE:

Sl.No.	Description	Firm's Details	
n)	Payment mode through Telegraphic Transfer if the order value is less than US\$10,000	Yes <input type="checkbox"/>	No <input type="checkbox"/>
n)	Payment mode through Letter of Credit at sight on acceptance if the order value is more than US\$10,001	Yes <input type="checkbox"/>	No <input type="checkbox"/>
o)	Foreign supplier / Principal's Banker's Name and Address		
p)	Foreign Supplier/Principal's Bank Account number and name of the account		
q)	Foreign Supplier/Principal's Banker Swift Code		
r)	Other required Details of the Foreign Supplier / Principal's Banker		

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TIRUCHIRAPPALLI - 620015

**COMPUTER SUPPORT GROUP**

Item No. 13 : Personal Computers

**NIT-T'S COPY (To be filled in and submitted by the bidder)**

Last Date for receipt of tender at NIT-T : April 18, 2013 at 2.30 p.m.

Opening Date : April 18, 2013 at 3.30 p.m.

<b>CHECKLIST TO BE FILLED IN BY BIDDER</b> (Please make sure that these pages are filled and send duly signed)	
List of documents to be enclosed	Completed & Signed
1. Terms and Conditions form	YES / NO
2. Details of the Firm offering this Quote	YES / NO
3. NIT-T's quotation form (Technical, Price Bid & Currency form)	YES / NO
4. Other technical specifications & pamphlets (in a separate sealed cover)	YES / NO

SEAL OF THE BIDDER

SIGNATURE WITH DATE

<b>FOR NIT-T USE ONLY</b>	
Name of the Vendor Address (Location):	
1. Terms and Conditions form duly signed	YES / NO
2. Details of the Firm offering this Quote	YES / NO
3. NIT-T's quotation form (Technical & Price Bid)	YES / NO
4. Currency Form (quoted on behalf of the foreign suppliers)	YES / NO
5. Other technical specifications & pamphlets [in a separate sealed cover]	YES / NO
6. No. of enclosures	
7. Status of tender	<b>Accepted for evaluation / Rejected</b>
	REGISTRAR

SIGNATURE WITH DATE

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