



February/2013/CSG

Tender Notification No. February/2013/CSG

COMPUTER SUPPORT GROUP

Item No. 12 : HIGH-END WORKSTATIONS

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 12
c) Quotation form (Price Bid)	-	Pages 13 & 14
d) Currency Form (quoted on behalf of the foreign suppliers)	-	Pages 15 & 16
d) NIT-T's check list copy	-	Page 17
2. The bidder's copy is for your future records. Please fill in and return only NIT-T's copy (page 2 to 17).
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 OR FILLED 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: February/2013/CSG Item No. 12 : HIGH-END WORKSTATIONS**" so as to reach "The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli - 620 015, Tamilnadu, India" on or before **March 28, 2013 at 2.30 p.m. along with a Softcopy of the Technical Compliance form & 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 or by written request to "The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli - 620 015, Tamilnadu, India"
9. **DO NOT VISIT US WITHOUT OUR CONCURRENCE.**

Last Date for receipt of tender at NIT-T : March 28, 2013 at 2.30 p.m.

Opening Date for Tender : March 28, 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 alone with you for your future reference.

BIDDER'S COPY



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NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI - 620015

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“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.: February/2013/CSG Item No. 12 : HIGH-END WORKSTATIONS**” so as to reach us on or before 2.30 p.m. on March 28, 2013 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. 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 **March 28, 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 and 4% Import Additional Duty. In addition to that NITT is paying 2% Educational Cess and 1% Higher Education Cess on Basic Customs Duty and Import 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.

SIGNATURE WITH DATE

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16. Complete user, technical and service documentation, and spare parts catalogue are to be provided along with the supply of the item.
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 OR FILLED 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 rate contract period should be valid for one year, until April 30, 2014. This is for new requirements / expansion as and when it arises. 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.
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 every year during the first week of January during the on-site 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.

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NAME OF THE VENDOR:

ADDRESS :

“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 “Computer Workstations” (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 “Workstations” 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 “Workstations” 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 “Workstations” to National Institute of Technology, Tiruchirappalli in the last 3 years? If yes, specify the quantity supplied in the last 3 years and last PO reference

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 :

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Item No. 12 : HIGH-END WORKSTATIONS

“TECHNICAL COMPLIANCE FORM”

CONFIGURATION-1: 6 CORE HIGH-END WORKSTATION WITH GRAPHICS CARD

FIRM'S NAME & ADDRESS: FIRM'S REF:

Description	NIT-T's Specifications	The Suppliers matching Specification
1. Make	Make of the Workstation should be specified	
2. Model	Model of the Workstation should be specified	
3. Processor	Two Intel Xeon Processor E5-2630 (2.30 GHz, 15MB, 7.2 GT/s), 6C or higher	
4. Dual Processor Socket	Both sockets to be integrated on the motherboard itself, Specify	
5. Cache	15MB Cache or higher	
6. Mother Board	Intel C600 series based motherboard or better	
7. QPI Speed	7.2 GT/s, 64-bit	
8. Memory	16 GB DDR3 RDIMM, (1600 MHz or higher), ECC Memory (4 or 2 DIMMs desirable)	
9. SAS controller	SAS controller supporting host based RAID 0, 1	
10. Hard Drive	2 x 600GB 10,000 rpm with SAS Harddisk with RAID 1 Specify the make & rpm of the Harddisk	
11. Key Board	USB Keyboard (Windows Keyboard with US key layout)	
12. Mouse	USB 2-button optical mouse with scroll	
13. DVD Drive	8x max DVD+/-RW Drive	
14. Networking	Integrated 10/100/1000 -Tx NIC with PXE BOOT ROM support	
15. Graphics Card	nVidia Quadro 4000 or higher, 2 GB with dual DVI display port, specify Make & Model	
16. Resolution	Should support True color (16.7 million colors) at 1920 x 1080 @ 60Hz	
17. Operating System	Without OS *	
18. Test Certificate	Should be tested on Windows 7 SP1 64-bit and RHEL v.6 *	
19. Cabinet/Chassis	Mini Tower chassis with SMPS with Screw-less chassis with lock and key	

* Driver CD should be given for all the above OS

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Item No. 12 : HIGH-END WORKSTATIONS

“TECHNICAL COMPLIANCE FORM” (CONFIGURATION-1)

Description	NIT-T's Specifications	The Suppliers matching Specification
20. Audio	Integrated High Definition Audio	
21. Speaker	Internal Speaker	
22. External Jacks	Microphone in jacks (front or rear), Headphone (front)	
23. Input Power Supply	Input Power: 200-240V / 50 Hz	
24. SMPS power supply rating	Should be less than 1200 Watts at 90% power efficiency, specify	
25. Power Consumption during running	Specify in Watts	
26. I / O Ports	Minimum 1 Serial Port (9-pin) and 1 Parallel port (25-hole) with add-on cards	
27. PS/2 Port	2 numbers of PS/2 Port	
28. USB 2.0 Ports	6 USB ports, Hi-Speed USB 2.0 of which 1 should be in front.	
29. USB 3.0 Ports	2 USB ports, Hi-Speed USB 3.0 of which 1 should be in front.	
30. PCI Slots	Number of PCI slots (Minimum 1 required)	
31. PCIe x16 Express buses	PCI Express x16 graphics slot	
32. FireWire port (IEEE 1394a/b)	FireWire Port, IEEE 1394a or 1394b connector (through add-on cards)	
33. SATA / eSATA / SAS port	Specify the number of SATA/eSATA/SAS ports	
34. Memory Slots	Number of memory slots on motherboard, minimum 8 required	
35. Maximum amount of RAM Supported	Specify the maximum amount of DDR3 supported by the workstation, should support minimum 128GB RAM.	
36. Internal Drive Bays	Specify the Number of Internal Drive bays available (3½"), min 2 required	
37. External Drive Bays	Specify the Number of External Drive bays available (3½", 5¼"), min 1 required	
38. Dimensions	Specify in mm (l x b x h)	
39. Weight	Specify in kg, should be less than 30 kgs	

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“TECHNICAL COMPLIANCE FORM” (CONFIGURATION-1)

Description	NIT-T's Specifications	The Suppliers matching Specification
40. Environmental	Specify the Operating temperature, and Operating Humidity	
41. Design Standard & Safety Standard	Specify the design standard & safety standard	
42. Certification	ISO 9001, 9002, 14000 / FCC / EMC class B / UL / ACPI / RoHS	
43. Warranty	5 years (60 months) comprehensive on-site warranty with On-Site Service & Support	
44. Additional Software	Specify if any	

CONFIGURATION-1: B. 24" LED MONITOR:

Description	NIT-T's Specifications	The Suppliers matching Specification
45. Make	Make of the Monitor should be specified	
46. Model	Model of the Monitor should be specified	
47. LED Monitor	24" LED/TFT Digital Color Monitor	
48. LED Monitor resolution	Minimum 1920 x 1080 required. Specify max. resolution supported.	
49. Monitor Contrast ratio	1000:1	
50. Monitor Brightness	250 nits (cd/m ²)	
51. Type of Monitor Interface	DVI-D (digital), Display port or HDMI connector (optional)	
52. Monitor viewing angle in degrees	Horizontal : 160° atleast Vertical : 160° atleast	
53. Response time	Specify the Response time in ms	
54. Pixel pitch	Specify the Pixel pitch in mm	
55. Tilt range	Specify the Tilt range in Degrees, minimum 20° required	
56. Swivel range	Specify the Swivel range in Degrees, minimum 90° required	
57. Pivot rotation	Pivot rotation (Landscape & Portrait) required	
58. Height adjustable	Height adjustable range in mm, 100 mm height adjustment required	

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“TECHNICAL COMPLIANCE FORM” (CONFIGURATION-1)

Description	NIT-T's Specifications	The Suppliers matching Specification
59. Horizontal & Vertical frequency	Specify the Horizontal frequency in kHz & Vertical frequency in Hz	
60. Input Power Supply	Input Power: 200-240V / 50 Hz	
61. Typical Power consumption	Specify the Monitor Typical Power consumption in Watt	
62. Max power rating	Specify the Max power rating in Watt	
63. USB Interface	2 Built-in USB hub with USB 2.0 ports desirable	
64. Warranty	5 years (60 months) comprehensive on-site warranty with On-Site Service & Support	
65. Dimensions	Specify in mm (l x b x h) without Stand	
66. Weight	Specify in kg without Stand, weight should be less than 8 kgs.	
67. Environmental	Specify the Operating temperature, and Operating Humidity	
68. Standard	Monitor should support TCO 05 standard or better	

The following optional items may be ordered based on the actual requirements at the time of ordering. **CONFIGURATION-1: C. UPGRADATION / EXPANDABILITY** – not quoting may result in disqualification.

69. Additional Memory (Optional)	Additional 16GB DDR3 SDRAM ECC (1600 MHz) Dual Channel (4 or 2 DIMMs desirable)	
70. Blu-Ray Drive	Blu-Ray drive (Optional)	
71. Windows 7/8 OS (Optional)	Windows 7 SP1 / Windows 8 Professional 64-bit OS pre-installed, with Media	
72. RHEL 6.3 OS (Optional)	RHEL 6.x Workstation OS pre-installed, with Media with 1 year RHN subscription	
73. SSD (Optional)	256GB Solid State Drive (Optional)	
74. GPU (Optional)	NVIDIA Tesla C2075 GPGPU (Optional) with 1.030 Tflops (peak) single precision floating point performance, 448 CUDA cores, 6 GB (GDDR5) memory, 144 GB/sec Memory bandwidth for board, 1600x1200 resolution, with dual DVI-I interface	

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

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Item No. 12 : HIGH-END WORKSTATIONS

“TECHNICAL COMPLIANCE FORM”

CONFIGURATION-2: 8 CORE HIGH-END WORKSTATION with GPU

FIRM'S NAME & ADDRESS: FIRM'S REF:

Description	NIT-T's Specifications	The Suppliers matching Specification
1. Make	Make of the Workstation should be specified	
2. Model	Model of the Workstation should be specified	
3. Processor	Two Intel Xeon Processor E5-2680, (2.70 GHz, 20M Cache, 8.0 GT/s), 8C	
4. Dual Processor Socket	Both sockets to be integrated on the motherboard itself, Specify	
5. Cache	20MB Cache or higher	
6. Mother Board	Intel C600 series based motherboard or better	
7. QPI Speed	8.0 GT/s, 64-bit	
8. Memory	32 GB DDR3 RDIMM, (1600 MHz or higher), ECC Memory (4 DIMMs desirable)	
9. SAS controller	SAS controller supporting host based RAID 0, 1	
10. Hard Drive	4 x 600GB 10,000 rpm with SAS Harddisk with RAID 1, Specify the make & rpm of the Harddisk	
11. Key Board	USB Keyboard (Windows Keyboard with US key layout)	
12. Mouse	USB 2-button optical mouse with scroll	
13. DVD Drive	8x max DVD+/-RW Drive	
14. Networking	Integrated 10/100/1000 -Tx NIC with PXE BOOT ROM support	
15. GPU	NVIDIA Tesla K20 GPU with 3.52 teraflops Peak single precision floating point performance, 1 x GK110 GPU, 2496 CUDA cores, 5 GB per board (GDDR5), 208 GBytes/sec Memory bandwidth for board with DVI interface	
16. Resolution	Should support True color (16.7 million colors) at 1920 x 1080 @ 60Hz	
17. Operating System	Without OS *	

* Driver CD should be given for all the above OS

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Item No. 12 : HIGH-END WORKSTATIONS

“TECHNICAL COMPLIANCE FORM” (CONFIGURATION-2)

Description	NIT-T's Specifications	The Suppliers matching Specification
18. Test Certificate	Should be tested on Windows 7 SP1 64-bit and RHEL v.6 *	
19. Cabinet/Chassis	Mini Tower chassis with SMPS with Screw-less chassis with lock and key	
20. Audio	Integrated High Definition Audio	
21. Speaker	Internal Speaker	
22. External Jacks	Microphone in jacks (front or rear), Headphone (front)	
23. Input Power Supply	Input Power: 200-240V / 50 Hz	
24. SMPS power supply rating	Should be less than 1300 Watts at 90% power efficiency, specify	
25. Power Consumption during running	Specify in Watts	
26. I / O Ports	Minimum 1 Serial Port (9-pin) and 1 Parallel port (25-hole) with add-on cards	
27. PS/2 Port	2 numbers of PS/2 Port	
28. USB 2.0 Ports	6 USB ports, Hi-Speed USB 2.0 of which 1 should be in front.	
29. USB 3.0 Ports	2 USB ports, Hi-Speed USB 3.0 of which 1 should be in front.	
30. PCI Slots	Number of PCI slots (Minimum 1 required)	
31. PCIe x16 Express buses	PCI Express x16 graphics slot	
32. FireWire port (IEEE 1394a/b)	FireWire Port, IEEE 1394a or 1394b connector (through add-on cards)	
33. SATA / eSATA / SAS ports	Specify the number of SATA/eSATA/SAS ports	
34. Memory Slots	Number of memory slots on motherboard, minimum 8 required	
35. Maximum amount of RAM Supported	Specify the maximum amount of DDR3 supported by the workstation, should support minimum 128GB RAM.	
36. Internal Drive Bays	Specify the Number of Internal Drive bays available (3½"), min 2 required	
37. External Drive Bays	Specify the Number of External Drive bays available (3½", 5¼"), min 1 required	
38. Dimensions	Specify in mm (l x b x h)	

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“TECHNICAL COMPLIANCE FORM” (CONFIGURATION-2)

Description	NIT-T's Specifications	The Suppliers matching Specification
39. Weight	Specify in kg, should be less than 30 kgs	
40. Environmental	Specify the Operating temperature, and Operating Humidity	
41. Design Standard & Safety Standard	Specify the design standard & safety standard	
42. Certification	ISO 9001, 9002, 14000 / FCC / EMC class B / UL / ACPI / RoHS	
43. Warranty	5 years (60 months) comprehensive on-site warranty with On-Site Service & Support	
44. Additional Software	Specify if any	

CONFIGURATION-2: B. 24" LED MONITOR SPECIFICATION:

Description	NIT-T's Specifications	The Suppliers matching Specification
45. Make	Make of the Monitor should be specified	
46. Model	Model of the Monitor should be specified	
47. LED Monitor	24" LED/TFT Digital Color Monitor	
48. LED Monitor resolution	Minimum 1920 x 1080 at 60 Hz required. Specify max. resolution supported.	
49. Monitor Contrast ratio	1000:1 (typical)	
50. Monitor Brightness	250 cd/m2 (typical)	
51. Type of Monitor Interface	DVI-D (digital), Display port or HDMI connector (optional)	
52. Monitor viewing angle in degrees	Horizontal : 160° atleast Vertical : 160° atleast	
53. Response time	Response time 5 ms	
54. Pixel pitch	Specify the Pixel pitch in mm	
55. Tilt range	Specify the Tilt range in Degrees, minimum 20° required	
56. Swivel range	Specify the Swivel range in Degrees, minimum 90° required	
57. Pivot rotation	Pivot rotation (Landscape & Portrait) required	
58. Height adjustable	Height adjustable range in mm, 100 mm height adjustment required	

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“TECHNICAL COMPLIANCE FORM” (CONFIGURATION-2)

Description	NIT-T's Specifications	The Suppliers matching Specification
59. Aspect Ratio	Specify the aspect Ratio, like 16:9 or 5:4	
60. Horizontal & Vertical frequency	Specify the Horizontal frequency in kHz & Vertical frequency in Hz	
61. Input Power Supply	Input Power: 200-240V / 50 Hz	
62. Typical Power consumption	Specify the Monitor Typical Power consumption in Watt	
63. Max power rating	Specify the Max power rating in Watt	
64. USB Interface	2 Built-in USB hub with USB 2.0 ports desirable	
65. Warranty	5 years (60 months) comprehensive on-site warranty with On-Site Service & Support	
66. Dimensions	Specify in mm (l x b x h) without Stand	
67. Weight	Specify in kg without Stand, weight should be less than 8 kgs.	
68. Environmental	Specify the Operating temperature, and Operating Humidity	
69. Standard	Monitor should support TCO 05 standard or better	

The following optional items may be ordered based on the actual requirements at the time of ordering.

CONFIGURATION-2: C. UPGRADATION / EXPANDABILITY – not quoting may result in disqualification.

70. Additional Memory (Optional)	Additional 32GB DDR3 SDRAM ECC (1600 MHz) Dual Channel (4 DIMMs each 8 GB desirable)	
71. Blu-Ray Drive (Optional)	Blu-Ray drive	
72. Windows 7/8 OS (Optional)	Windows 7 SP1 / Windows 8 Professional 64-bit OS pre-installed, with Media	
73. RHEL 6.3 OS (Optional)	RHEL 6.x Workstation OS pre-installed, with Media with 1 year RHN subscription	
74. Solid State Drive (Optional)	256GB Solid State Drive (Optional)	
75. 27" LED Monitor (Optional)	27" LED/TFT Monitor, specify make & model (rest of the spec as that of 24" LED)	
76. Graphics Card (Optional)	Addition in price for NVIDIA Quadro K5000 Graphics Card	

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

SIGNATURE WITH DATE*Use only the bar coded form provided by NITT***SEAL OF THE FIRM**



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Tender Notification No. February/2013/CSG

COMPUTER SUPPORT GROUP

Item No. 12 : HIGH-END WORKSTATIONS

“QUOTATION FORM (Price Bid) for Configuration-1: 6-Core High-End Workstation with Graphics Card”**FIRM'S NAME & ADDRESS: FIRM'S REF:**

Sl. No.	NIT-T's Specifications	Unit Price <i>(inclusive of all taxes /all charges)</i>
1.	Workstation (as specified make and model in the technical compliance form as CONFIGURATION-1) with 5 years comprehensive on-site warranty with nVidia Quadro 4000 or higher, 2 GB with dual DVI display port	
2.	Price for 24" Wide LED/TFT Digital Color Monitor with 5 years comprehensive on-site warranty	
Optional Items (as specified in the technical compliance form) with 5 years on-site warranty		
3.	Additional in Price for 16 GB DDR3 SDRAM ECC (1600 MHz) Dual Channel (4 or 2 DIMMs, desirable)	
4.	Additional in Price for Blu-Ray drive	
5.	Addition in price for Windows 7 SP1 / Windows 8 64-bit Professional OS pre-installed, with Media	
6.	Addition in price for RHEL 6.x Workstation OS pre-installed, with Media with 1 year RHN subscription (self support)	
7.	Additional in Price for 256GB Solid State Drive (Optional)	
8.	Addition in price for NVIDIA Tesla C2075 GPU with DVI interface in lieu of nVidia Quadro 4000 Graphics Card	
9.	Buy back option: Old Dell Precision Workstation in working condition.	
10.	Buy back option: Old HP XW4200 Workstation in working condition	

ITEM WISE TERMS & CONDITIONS:

- 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 for this category.
- One sample workstation with the same specification as quoted should be supplied for testing and benchmarking, if requested at your cost.
- If prices quoted in INR, it should be Net price (Including tax, other charges, etc.) Materials Door Delivery.
- If prices quoted in foreign currency, Please fill up the currency form enclosed
- If the rates are quoted in INR, the rates should be quoted on Door Delivery (F.O.R. N.I.T.T.) Basis.
- 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.
- Payment of Bills will be after the acceptance of the Workstations and after the receipt of the bills / invoices along with advance stamped receipt.

SIGNATURE WITH DATE*Use only the bar coded form provided by NITT***SEAL OF THE FIRM**



February/2013/CSG

**NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI - 620015**

Tender Notification No. February/2013/CSG

COMPUTER SUPPORT GROUP**Item No. 12 : HIGH-END WORKSTATIONS****“QUOTATION FORM (Price Bid) for Configuration-2: 8-Core High-End Workstation with GPU”****FIRM'S NAME & ADDRESS: FIRM'S REF:**

Sl. No.	NIT-T's Specifications	Unit Price <i>(inclusive of all taxes /all charges)</i>
1.	Workstation (as specified make and model in the technical compliance form as CONFIGURATION-2) with 5 years comprehensive on-site warranty with NVIDIA Tesla K20 GPU	
2.	Price for 24" LED/TFT Digital Color Monitor with 5 years comprehensive on-site warranty	
3.	Price for 27" LED/TFT Digital Color Monitor with 5 years comprehensive on-site warranty	
Optional Items (as specified in the technical compliance form) with 5 years on-site warranty		
4.	Additional in Price for 32 GB DDR3 SDRAM ECC (1600 MHz) Dual Channel (4 DIMMs, each 8 GB desirable)	
5.	Additional in Price for Blu-Ray drive	
6.	Addition in price for Windows 7 SP1 / Windows 8 64-bit Professional OS pre-installed, with Media	
7.	Addition in price for NVIDIA Quadro K5000 Graphics Card	
8.	Addition in price for RHEL 6.x Workstation OS pre-installed, with Media with 1 year RHN subscription (self support)	
9.	Additional in Price for 256GB Solid State Drive (Optional)	
10.	Buy back option: Old Dell Precision Workstation in working condition.	
11.	Buy back option: Old HP XW4200 Workstation in working condition	

ITEM WISE TERMS & CONDITIONS:

- 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 for this category.
- One sample workstation with the same specification as quoted should be supplied for testing and benchmarking, if requested at your cost.
- If prices quoted in INR, it should be Net price (Including tax, other charges, etc.) Materials Door Delivery.
- If prices quoted in foreign currency, Please fill up the currency form enclosed
- If the rates are quoted in INR, the rates should be quoted on Door Delivery (F.O.R. N.I.T.T.) Basis.
- 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.
- Payment of Bills will be after the acceptance of the Workstations and after the receipt of the bills / invoices along with advance stamped receipt.

SIGNATURE WITH DATE*Use only the bar coded form provided by NITT***SEAL OF THE FIRM**



February/2013/CSG

**NATIONAL INSTITUTE OF TECHNOLOGY
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Tender Notification No. February/2013/CSG

COMPUTER SUPPORT GROUP

Item No. 12 : HIGH-END WORKSTATIONS

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		
Preferable Terms for NITT		Vendor is accepting NITT Terms	
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"/>
If vendor is not accepting the NITT Terms, please provide the following details			
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) If Vendor is able to provide Direct Door Delivery		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.

SIGNATURE WITH DATE

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SEAL OF THE FIRM



February/2013/CSG

Tender Notification No. February/2013/CSG

COMPUTER SUPPORT GROUP

Item No. 12 : HIGH-END WORKSTATIONS

CURRENCY FORM

“QUOTED ON BEHALF OF THE FOREIGN SUPPLIERS”

FIRM'S NAME AND ADDRESS:

FIRM'S REF:

DATE:

SI.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		

SIGNATURE WITH DATE

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February/2013/CSG

Tender Notification No. February/2013/CSG

COMPUTER SUPPORT GROUP

Item No. 12 : HIGH-END WORKSTATIONS

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

Last Date for receipt of tender at NIT-T : March 28, 2013 at 2.30 p.m.

Opening Date : March 28, 2013 at 3.30 p.m.

CHECKLIST TO BE FILLED IN BY BIDDER (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

FOR NIT-T USE ONLY	
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	YES / NO [in a separate sealed cover]
6. No. of enclosures	
7. Status of tender	Accepted for evaluation / Rejected
	REGISTRAR

SIGNATURE WITH DATE

Use only the bar coded form provided by NITT

SEAL OF THE FIRM