



COMPUTER SUPPORT GROUP

Short Tender Notification No. November / 2010

Item No. CSG10 - A: Networking (Active)

BIDDER'S COPY

INSTRUCTIONS TO BIDDERS

- 1. This document set contains the following:a) Terms and conditions of the Tender-b) Details of the Firm offering this Quote-c) Technical Compliance Form-c) Quotation form (Price Bid)-d) Currency Form(quoted on behalf of the foreign suppliers)-d) NIT-T's check list copy-Page12
- 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.
- Please send the tenders in a sealed envelope superscribed as "QUOTATIONS AGAINST SHORT TENDER NOTIFICATION NO: November/2010 Item No. CSG 10 - A: Networking (Active)" so as to reach "The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli - 620 015, India" on or before November 25, 2010 at 2.30 p.m.
- 8. Please note that NIT-T already has a 10G high speed campus wide network, with Core & Edge switches, 15km of fiber, and CAT 6 cabling. This tender is for new requirements / expansion as and when it arises. The order will be based on the actual requirement at the time of ordering.
- 9. 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"
- 10. DO NOT VISIT US WITHOUT OUR CONCURRENCE.

Last Date for receipt of tender at NIT-T Opening Date for Tender : November 25, 2010 at 2.30 p.m.

: November 25, 2010 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.





Item No. CSG 10 - A : Networking (Active)

"TERMS AND CONDITIONS FORM"

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

- 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 SHORT TENDER NOTIFICATION No.: CSG 10 - A: Networking (Active)" so as to reach us on or before 2.30 p.m. on November 25, 2010.
- 2. Each offer should be sent in a sealed cover with the tender documents. <u>Tenders received through email or</u> <u>FAX will not be considered.</u>
- 3. The tenders will be opened on **November 25, 2010 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. <u>Offers without proper</u> <u>technical specifications will be rejected.</u>
- 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.
- NIT-T is paying concessional Customs & Excise duty under Government of India Notification No.51/96 for Customs and 10/97 for Excise Duty. Currently the purchaser is paying 5% Basic Customs Duty, 2% Educational Cess on Basic Customs Duty, 1% Higher Education Cess on Educaitonal 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. Complete user, technical and service documentation, and spare parts catalogue are to be provided along with the supply of the item.

SIGNATURE WITH DATE



- Item No. CSG 10 A : Networking (Active) 16. 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 disgualify the vendor.
- 17. Delay / loss in postal transit or due to other reasons will not be NIT-T's responsibility.
- 18. We are not responsible for accidental opening of the covers that are not properly superscribed and sealed before the time scheduled for opening.
- 19. 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 & Quotation 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.
- 20. Authorized signatory should sign on all the pages. Bids without authorized signatures will be rejected.
- 21. The manufacturers of the guoted make of the product must be of national / international repute and having ISO certificate.
- 22. 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 (equipments) in the form of bank guarantee towards performance security. The bank guarantee will be returned to the supplier after the successful completion of supply, installation, and the warranty period.
- 23. No Earnest Money Deposit (EMD) or processing fee is required for submitting this rate contact.
- 24. Failure to comply with all the terms and conditions mentioned herein would result in the tender being summarily rejected.
- 25. 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.
- 26. The rate contract period is for December 2010 to December 2011 for new requirements / expansion as and when it arises. The guoted prices should be valid for the entire rate contract period.
- 27. NIT-T reserves the right to modify or alter the specifications after short listing of tenderers.
- 28. NIT-T reserves the right to change the order quantity or split the orders among multiple vendors without assigning any reason(s) whatsoever.
- 29. NIT-T reserves the right to reject any or all the tenders without assigning any reasons whatsoever.
- 30. Apart from the above General Terms and Conditions, item-wise terms and conditions are enlisted in the Technical compliance form and Quotation form.

***** ACCEPTANCE

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

NAME OF THE VENDOR: ADDRESS :



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COMPUTER SUPPORT GROUP

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"<u>DETAILS OF THE FIRM OFFERING THIS QUOTE</u>"

	(write or print or type in block letters and please answer an	the questions)	
1.	Name of the firm?	2. Date of incorporation?	
3.	Nature of the company - Government / Public / Private Company / Partne	ership / 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 "Networking(Active)" (same model that you have quoted)?

2007-2008	2008-2009	2009-2010

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

2007-2008	2008-2009	2009-2010

- 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)		В)	
	-		_

- 9. What would be the delivery period in days from the date we place an official purchase order.
- 11. Enclose the list of customers to whom you have supplied "Networking(Active)" during the last 3 years ending 31/03/2010 with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id. Certificate regarding satisfactory performance of the "Networking (Active)" from the minimum three end users should be furnished.

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

- 13. Have you supplied "Networking (Active)" to National Institute of Technology, Tiruchirappalli is the last 3 years? If yes, specify the quantity supplied in the last 3 years and last PO reference
- 14. 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.
- 15. 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 :



Item No. CSG 10 - A : Networking (Active) <u>TECHNICAL COMPLIANCE FORM</u>

Type-1: 24 Port, Managed Layer 2 Gigabit Switch

FIRM'S NAME & ADDRESS:

FIRM'S REF: DATE :

SI #	NIT-T's specifications	Firm's Matching Specifications
1.	Make & Model	
2.	Switch Height (RU)	
	Performance	
3.	Switching backplane bandwidth (Min. 72 Gbps)	
4.	Layer 2 system Throughput (Min. 65 Mpps)	
5.	Wire speed Non-blocking per port	
6.	MAC Address Table size (Minimum 8k)	
7.	Support for IP telephony, wireless access point	
	Interface	
8.	24 ports Auto sensing 10/100/1000 Base-T(RJ-45)	
9.	2 - Port 1000 Base – LX SFP	
10.	10G support (min. 1 port)	
	Network Management	
11.	Telnet, Console, HTTP,SNMP,RMON(4groups) support	
	Standards	
12.	IEEE 802.1D, 802.1Q , 802.1p, 802.1w, 802.2, 802.3, 802.3I,802.3u, 802.3x, 802.3z, 802.3ab, 802.3ac, 802.3ad	
13.	Should support L2 Trace route, L2 Ping and Multicast Trace route. Should support Private VLAN, Mac Based VLAN, VLAN Aggregation and VLAN Translation	
14.	Should support Kerberos snooping to facilitate detection of logging into university domain and identify user location & properties dynamically	
15.	Support for QoS, IPv6 in hardware(Day one), Access control Lists, Switch Security, 802.1p Mapping to Priority Queue, MAC Address Mapping to Priority Queue, ACL Mapping to Priority Queue, ACL Mapping to ToS/DSCP, ACL Mapping and Marking of ToS/DSCP, Switch QoS should also be VoIP aware (ability to detect IP Phones and prioritize VoIP traffic).	
16.	5 Years Comprehensive Onsite Warranty (including firmware and software upgrade)	



Item No. CSG 10 - A : Networking (Active) <u>TECHNICAL COMPLIANCE FORM</u>

Type-2: 48 Port, Managed Layer 2 Gigabit Switch

FIRM'S NAME & ADDRESS:

FIRM'S REF: DATE :

SI #	NIT-T's specifications	Firm's Matching Specifications
1.	Make & Model	
2.	Switch Height (RU)	
	Performance	
3.	Switching backplane bandwidth (Min. 120 Gbps)	
4.	Layer 2 system Throughput (Min. 90 Mpps)	
5.	Wire speed Non-blocking per port	
6.	MAC Address Table size (Minimum 8k)	
7.	Support for IP telephony, wireless access point	
	Interface	
8.	48 ports Auto sensing 10/100/1000 Base-T(RJ-45)	
9.	2 - Port 1000 Base – LX SFP	
10.	10G support (min. 1 port)	
	Network Management	
11.	Telnet, Console, HTTP,SNMP,RMON(4groups) support	
	Standards	
12.	IEEE 802.1D, 802.1Q , 802.1p, 802.1w, 802.2, 802.3, 802.3I,802.3u, 802.3x, 802.3z, 802.3ab, 802.3ac, 802.3ad	
13.	Should support L2 Trace route, L2 Ping and Multicast Trace route. Should support Private VLAN, Mac Based VLAN, VLAN Aggregation and VLAN Translation	
14.	Should support Kerberos snooping to facilitate detection of logging into university domain and identify user location & properties dynamically	
15.	Support for QoS, IPv6 in hardware(Day one), Access control Lists, Switch Security, 802.1p Mapping to Priority Queue, MAC Address Mapping to Priority Queue, ACL Mapping to Priority Queue, ACL Mapping to ToS/DSCP, ACL Mapping and Marking of ToS/DSCP, Switch QoS should also be VoIP aware (ability to detect IP Phones and prioritize VoIP traffic).	
16.	5 Years Comprehensive Onsite Warranty (including firmware and software upgrade)	



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COMPUTER SUPPORT GROUP

Item No. CSG 10 - A : Networking (Active) <u>TECHNICAL COMPLIANCE FORM</u>

Type-3: 24 Port, Managed Layer 3 Gigabit Switch

FIRM'S NAME & ADDRESS:

FIRM'S REF: DATE :

SI #	NIT-T's specifications	Firm's Matching Specifications
1.	Make & Model	
2.	Switch Height (RU)	
	Performance	
3.	Switching backplane bandwidth (Min.76 Gbps)	
4.	Layer 2 system Throughput (Min. 65 Mpps)	
5.	Layer 3 system Throughput (Min. 65 Mpps)	
6.	Wire speed Non-blocking per port	
7.	MAC Address Table size (Minimum 16k)	
8.	Jumbo frames support	
9.	Support for IP telephony, wireless access point	
	Interface	
10.	24 ports Auto sensing 10/100/1000 Base-T(RJ-45)	
11.	4 - Port 1000 Base –LX SFP	
12.	10G support (min. 1 port)	
	Network Management	
13.	Telnet, Console, HTTP,SNMP,RMON(4groups) support	
	Layer 3 Features required on this switch	
14.	IPv6 Management, IPv6 Routing (Hardware), IP – BGP, IP – OSPF, IP - RIP V1/V2, Multinetting	
14.	IPv6 Management, IPv6 Routing (Hardware), IP – BGP, IP –	
14. 	IPv6 Management, IPv6 Routing (Hardware), IP – BGP, IP – OSPF, IP - RIP V1/V2, Multinetting	
	IPv6 Management, IPv6 Routing (Hardware), IP – BGP, IP – OSPF, IP - RIP V1/V2, Multinetting Standards IEEE 802.1D, 802.1Q , 802.1p, 802.1w, 802.2, 802.3,	
15.	IPv6 Management, IPv6 Routing (Hardware), IP – BGP, IP – OSPF, IP - RIP V1/V2, Multinetting Standards IEEE 802.1D, 802.1Q, 802.1p, 802.1w, 802.2, 802.3, 802.3I,802.3u, 802.3x, 802.3z, 802.3ab, 802.3ac, 802.3ad Should support L2 Traceroute, L2 Ping and Multicast Traceroute.Should support Private VLAN , Mac Based VLAN,	



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Item No. CSG 10 - A : Networking (Active) <u>TECHNICAL COMPLIANCE FORM</u>

Type-4: 48 Ports, Managed Layer 3 Gigabit Switch 5: FIRM'S REF:

FIRM'S NAME & ADDRESS:

DATE :

SI #	NIT-T's specifications	Firm's Matching Specifications
1.	Make & Model	
2.	Switch Height (RU)	
	Performance	
3.	Switching backplane bandwidth (Min. 124 Gbps)	
4.	Layer 2 system Throughput (Min.100 Mbps)	
5.	Layer 3 system Throughput (Min. 100 Mbps)	
6.	Wire speed Non-blocking per port	
7.	MAC Address Table size (Minimum 16k)	
8.	Jumbo frames support	
9.	Support for IP telephony, wireless access point	
	Interface	
10.	48 ports Auto sensing 10/100/1000 Base-T(RJ-45)	
11.	4 - Port 1000 Base – LX SFP	
12.	10G support (min. 1 port)	
	Network Management	
13.	Telnet, Console, HTTP,SNMP,RMON(4groups) support	
	Layer 3 Features required on this switch	
14.	IPv6 Management, IPv6 Routing (Hardware), IP – BGP, IP – OSPF, IP - RIP V1/V2, Multinetting	
	Standards	
15.	IEEE 802.1D, 802.1Q , 802.1p, 802.1w, 802.2, 802.3, 802.3I,802.3u, 802.3x, 802.3z, 802.3ab, 802.3ac, 802.3ad	
16.	Should support L2 Trace route, L2 Ping and Multicast Trace route. Should support Private VLAN, Mac Based VLAN, VLAN Aggregation and VLAN Translation	
17.	Support for QoS, IPv6 in hardware(Day one), Access control Lists, Switch Security, 802.1p Mapping to Priority Queue, MAC Address Mapping to Priority Queue, ACL Mapping to Priority Queue, ACL Mapping to ToS/DSCP, ACL Mapping and Marking of ToS/DSCP, Switch QoS should also be VoIP aware (ability to detect IP Phones and prioritize VoIP traffic).	
18.	5 Years Comprehensive Onsite Warranty (including firmware and software upgrade)	





NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI - 620015

Short Tender Notification No. November/2010 COMPUTER SUPPORT GROUP

Item No. CSG 10 - A : Networking (Active)

QUOTATION FORM (PRICE BID)

FIRM'S NAME & ADDRESS:

FIRM'S REF: DATE :

SI. No.	NIT-T's specifications	Unit Price
 Type-1: 24 Port, Managed Layer 2 Gigabit Switch The switch must have 24-10/100/1000 ports (RJ-45), 2-port 1000Base LX SFP optics and one AC power supply. With 1 G module(one number) [same specification as quoted in the TYPE-1 technical specification] 		
2.	Type-2: 48 Port, Managed Layer 2 Gigabit SwitchThe switch must have 48-10/100/1000 ports (RJ-45), 2-port 1000Base LXSFP optics and one AC power supply. With 1 G module(one number)[same specification as quoted in the TYPE-2 technical specification]	
3.	Type-3: 24 Port, Managed Layer 3 Gigabit Switch The switch must have Full Layer-3 24 10/100/1000 ports (RJ-45), 4-port 1000Base LX SFP optics and one AC power supply. With 1 G module(one number) [same specification as quoted in the TYPE-3 technical specification]	
4.	Type-4: 48 Port, Managed Layer 3 Gigabit Switch The switch must have Full Layer-3 48 10/100/1000 ports (RJ-45), 4-port 1000Base LX SFP optics and one AC power supply. With 1 G module(one number) [same specification as quoted in the TYPE-4 technical specification]	
5.	1000Base-LX SFP optic SMF- LC connector	
6.	10GbE LR XENPAK +10GbE LR XFP (SMF-1310nm)	

Note:

- 1. Unit price should be net price (including tax, other charges, etc.)
- 2. Order quantity for SI. No. 1 & 2 will be initially around 20 numbers.
- 3. Order quantity for SI. No. 3 to 6, will be based on the actual requirement at the time of ordering.



Item No. CSG 10 - A : Networking (Active)

CURRENCY FORM "QUOTED ON BEHALF OF THE FOREIGN SUPPLIERS"

FIRM'S NAME AND ADDRESS:

FIRM'S REF:

DATE:

SI.No.	Description		Firm's Details	5
a)	Foreign supplier / Principal's Name			
b)	Complete Postal Address of the Foreign supplier			
b)				
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			
Prefera	rable Terms for NITT		Vendor is accept	ting NITT Terms
h)	C&F Chennai Airport with Insurance Coverage upto N.I.T., Tiruchirappalli		Yes	No
i)	Bank Charges within India only payable by NITT		Yes	No
If vendo	or is not accepting the NITT Terms, ple	ase provide th	ne following detail	ls
j)	If the terms is not acceptable for SI. No.	(h)		
	a) Specify the cost associated for			
	C&F Chennai Airport with the Insurance			
	Coverage upto N.IT., Tiruchirappalli, Tamil Nadu, India (Suppliers warehouse to			
	destination of Buyer)	150 10		
k)	If the terms is not acceptable for SI. No. (i)			
,	a) Specify the additional cost [foreign bank			
	charges]			
I) If Ven	I) If Vendor is able to provide Direct Door Delivery		Yes	No
m)	If the SI. No. (I) is Yes then specify the associated			
	cost have to be paid by NITT and the documents			
	needed			

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COMPUTER SUPPORT GROUP Item No. CSG 10 - A : Networking (Active)

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	No
n)	Payment mode through Letter of Credit at sight on acceptance if the order value is more than US\$10,001	Yes	No
o)	Foreign supplier / Principal's Banker's Name and Address		
p)	Foreign Supplier/Principal's Bank Account number and name of the account		
<u></u>)			Junt
q)	Foreign Supplier/Principal's Banker Swift Code		
r)	Other required Details of the Foreign Supplier / Principal's Banker		



Item No. CSG 10 - A : Networking (Active)

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

Last Date for receipt of tender at NIT-T Opening Date

: November 25, 2010 at 2.30 p.m. : November 25, 2010 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			
 NIT-T's quotation form (Technical, Price Bid & Currency form) 	YES / NO			
 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				
 Currency Form (quoted on behalf of the foreign suppliers) 	YES / NO				
E. Other technical analifications & normalists	YES / NO				
5. Other technical specifications & pamphlets	[in a separate sealed cover]				
6. No. of enclosures					
7.Status of tender	Accepted for evaluation / Rejected				
	REGISTRAR				