



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI
COMPUTER SUPPORT GROUP
Wi-Fi Facilities for Hostels
Tender Notification No.: CSG/TENDER/July2013/2013 Dated: 11/07/2013

Based on the terms and conditions of the tender and POC, the following OEMs are eligible for further action on submitting the tender document either through vendor or directly on or before 4th September 2013 at 3.30 p.m.

1. ARUBA
2. CISCO
3. HP
4. MOTOROLA
5. RUCKUS
6. SIEMENS

Kindly super scribe the NAME OF THE OEM along with the Tender Notification No. and the Date of Opening of the Tender document in the Common Outer Cover.

The access points must comply with the standards as per G.S.R. 542(E), G.S.R. 45 (E), G.S.R 46 (E), and G.S.R.38 (E), under Wireless Planning and Coordination Wing, Ministry of Communications and Information Technology, New Delhi.

The updated tender document with addendum of Pre-bid meeting is given below.

- COMMITTEE MEMBERS

NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI – 15

Computer Support Group

Web : www.nitt.edu

Phone : 0431 - 2503800



TENDER DOCUMENT

Tender Notification No.: CSG/TENDER/July2013/2013

Dated: 11/07/2013

- Name of the Work : **Wi-Fi Facilities for Hostels**
- Quantity required : **As per the Tender Document**
- EMD Amount : **Rs. 3,00,000/-**
Cost of the Tender Document : **Rs.1,500/- [Only downloadable through website]**
- Delivery, Installation & Commissioning : **Within 3 Months from the date of placing of purchase order**
- Last Date of submission of Tender : **extended to 04/09/2013 up to 3.30 p.m.**
- Address for submission of Tender : The Director,
National Institute of Technology- Tiruchirappalli,
Tiruchirappalli – 620015, Tamilnadu, India
Kind ATTN to: **The Head of the Department, CSG**
- Date of opening of bid : **extended to 04/09/2013 at 4.00 p.m**

Important Dates & Timings

Meeting / Opening	Date	Time	Venue
Demonstration / POC by OEMs	Starts from 22-July-2013 to 13-August-2013 (during working hours)		
Pre-Bid Meeting	31/07/2013	03.30 p.m.	Conference Hall, CSG
Last Date & Time for Receipt of Bid	04/09/2013	03.30 p.m.	Despatch Section, Main Office
Opening of Technical bids	04/09/2013	04.00 p.m.	Conference Hall, CSG



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 15

Computer Support Group

Tender Notification No.: CSG/TENDER/July2013/2013

Dated: 11/07/2013

NOTICE INVITING TENDER

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

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

- Name of the Work : **Wi-Fi Facilities for Hostels**
- Quantity required : **As per the Tender Document**
- EMD : **Rs.3,00,000/-**
Cost of the Tender Document : **Rs.1,500/- (Only downloadable through website)**
- Time for completion of
Supply & Installation after
placing purchase order } : **Within 3 Months from the date of placing of
purchase order**
- Last Date of submission of Tender : **extended to 04/09/2013 at 3.30 p.m.**
- Tender to be submitted at the
following address : The Director,
National Institute of Technology- Tiruchirappalli,
Tiruchirappalli – 620015, Tamilnadu, India
Kind ATTN to: **The Head of the Department, CSG**

Important Dates & Timings

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Opening of Technical bids	04/09/2013	04.00 p.m.	Conference Hall, CSG

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

1. This document set contains the following:
 - a) Section-1 Eligibility of the Bidders & Tender Cover System
 - b) Section-2 Terms and conditions of the Tender & Details of the Firm offering this Quote
 - c) Section -3 Scope of Work, Schedule of Requirements [Technical Specifications] and Allied Details
 - d) Section-4 Price Schedule & Price Bid Formats
 - e) Section-5 Contract Form
 - f) NIT-T's check list copy
2. The bidder's copy is for your future records. Please fill in and return only NIT-T's copy.
3. The bidder should give details of their technical soundness and provide list of customers of previous supply of similar items to Universities, Institutes or Government Departments/Undertakings/public sectors with contact details. The details of the agency/profile should be furnished along with the copy of all related documents.
4. 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.
5. Fill in the questionnaire regarding the Firm.
6. The downloaded documents: Section 2 -Terms and conditions of the Tender & Details of the Firm offering this Quote. Section -3 Scope Of Work, Schedule Of Requirements [Technical Specifications] And Allied Details, Section-4 Price Schedule & Price Bid Formats and Section-5 Contract Form should be **TYPE WRITTEN USING CAPITAL LETTERS ONLY**. At the time of filling the "All the documents" 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".
7. **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.
8. Please send the tenders in a sealed envelope super scribed as "QUOTATIONS AGAINST TENDER NOTIFICATION NO: CSG/TENDER/July2013/2013 Item Name: Wi-Fi Facilities for Hostels" so as to reach "The Director, National Institute of Technology, Tiruchirappalli - 620 015, India" on or before **04/09/2013 at 3.30 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 pendrive.**
9. For any further clarifications, contact by E-Mail: purchase@nitt.edu or by written request to "The Director, National Institute of Technology, Tiruchirappalli - 620 015, India, Attn: Head, CSG"
10. Prebid meeting will be held on 31/07/2013 at 3.00 p.m in the Conference Hall, Computer Support Group.

Last Date for receipt of tender at NIT-T : **extended to 04/09/2013 at 3.30 p.m.**
Opening Date for Tender : **extended to 04/09/2013 at 4.00 p.m.**

CHECKLIST TO BE FILLED IN BY BIDDER

List of documents to be enclosed	Completed & Signed
1. Duly filled & signed Terms and conditions of the Tender & Details of the Firm offering this Quote, Declaration	YES / NO
2. Duly Filled & signed forms of Schedule of requirements [Technical Specifications] and Allied Details	YES / NO
3. Duly Filled in signed Price Schedule & Price Bid Formats	YES / NO
4. Duly Filled in signed Contract Form	YES / NO
5. Other technical specifications & pamphlets	YES / NO

Please retain this page with you for your future reference.

Section-1

BIDDER'S COPY

ELIGIBILITY OF THE BIDDERS

1. The firm should have successfully completed
 - a. three similar Controller based Wireless LAN projects at the total cost of each Rs.40 Lakhs or more or
 - b. two similar Controller based Wireless LAN projects at the total cost of each Rs.50 Lakhs or more or
 - c. at least one similar Controller based Wireless LAN project of Rs.80 Lakhs or more in a single project (in the following format in bidder's letter head duly signed and sealed)**.

Sl.No.	Customer Name & Address	Contact person Name, Mobile and Email ID	Date of Implementation & Duration taken for completion	Value of the Executed project

2. A demonstration / POC should be done by the OEM during 22-July-2013 to 13-August-2013 at one entire NITT hostel building premises, identified by NITT, with the WLAN Controller and Access points (same make and model as quoted).
3. The bidder should have successfully completed the demonstration / POC with users feedback duly designed by NITT.

** The bidder should produce documentary support the above point no.1. Only those who satisfy the above eligibility criteria will be considered for further participation.

Please retain this page with you for your future reference.

Section 1. TENDER COVER SYSTEM

1.0 Bids are to be submitted under THREE COVER system.

1.1 Cover 1:

Cover 1 should contain the following:

a. EMD - Earnest Money Deposit (EMD) of Rs.3,00,000 is to be remitted by way of Demand Draft or Bank Guarantee drawn on any Nationalized bank in India in favour of "The Director, NIT, Trichy" payable at Trichy should be submitted. EMD shall bear no interest.

b. Cost of the tender document of Rs.1500.00 is to be remitted by way of Demand Draft drawn on any Nationalized bank in India in favour of "The Director, NIT, Trichy" payable at Trichy should be submitted.

Any bid not accompanying with EMD and Tender cost is liable to be treated as non-responsive and rejected.

The cover 1 shall be super scribed as 'Earnest Money Deposit and Tender Cost' duly indicating the Tender reference No. and the due date of opening.

1.2 Cover 2:

Cover 2 should contain the following:

a. Technical pamphlets-

b. Detailed technical specification

c. The agency should furnish copy of license certificate for manufacture/supply of the item*

d. The agency should furnish Income Tax PAN number & TIN number.*

e. The agency should furnish the last three years balance sheet approved by the CA and the IT clearance certificate.*

f. Warranty period offered for the tendered item to be specified. If the warranty period is not conforming with the schedule of requirements given in section 3 of the document, the bid is liable to be treated as non-responsive and rejected.

g. Duly filled up technical questionnaire, if any

h. Duly filled up deviation schedules to technical specification

i. Copy of supply orders completed during the last three years

j. If the prices are revealed either in the cover 1 or in the cover 2, the offer will be summarily rejected.

The cover 2 shall be super scribed as 'Technical cover' duly indicating the Tender reference No. and the due date of opening.

*** Appropriately pertaining to the country of origin.**

1.3 Cover 3:

Cover 3 should contain the following

Cover 3 shall contain Price only and shall be super scribed as 'Price Cover' duly indicating the Tender Reference No. and the due date of opening. The price bid should adhere to the format given in Annexure B.

Each Cover shall be sent in a double sealed cover. The inner covers (Cover 1, Cover 2 and Cover 3) should be sealed individually with the Sellers's distinctive seal and super scribed with the tender reference no. and due date of opening, Name of the OEM. All the three inner covers shall be placed in a common outer cover which shall also be sealed with seller's distinctive seal and super scribed with the tender reference no. and due date of opening.

Mention "Kind Attention:The Head of the Department, CSG" and submit at the address given in the Notice Inviting Tender.

Cover 1 and Cover 2 will be opened on the scheduled date and time mentioned in the tender enquiry.

Cover 3 will be opened on a date which will be intimated to the technically qualified bidders.

Please retain this page with you for your future reference.

Section 2. “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 Director, National Institute of Technology, Tiruchirappalli 620015, India” and should be sent in a sealed envelope super scribed “**QUOTATIONS AGAINST TENDER NOTIFICATION No CSG/TENDER/July2013/2013 Item Name: Wi-Fi Facilities for Hostels, {Name of the OEM}**” so as to reach us **on or before 04/09/2013 at 3.30 p.m.**
2. Each offer should be sent in a sealed cover with the tender documents. Tenders received through email or FAX will not be considered. **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 Pendrive. However, if there is any dispute between Hard copy and Soft copy, Hard copy will be taken.**
3. The tenders will be opened on **04/09/2013 at 4.00 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. The rate quoted should be on unit basis (excluding taxes and other charges). Taxes and other charges should be quoted separately, considering exemptions if any.
6. 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.
7. 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.
8. NITT is exempted from the payment of Service Tax for the services coming under the category of “Educational Auxiliary Services” under Government of India Notification No.25/2012-Service Tax dated 20-JUNE-2012.
9. The Institute is not authorized to issue C and D forms of Sales tax certificate.
10. 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.
11. If the price quoted is in foreign currency and if the order value is more than US\$10,000 then 80% payment will be made through **Letter of Credit (LC) at sight on acceptance after installation.** If the order value is less than US\$10,000 , then 80% payment will be through a Telegraphic Transfer (TT) after installation. **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 80% payment will be made only after installation and commissioning. Balance 20% spread over 4 years (5% each year) after successful completion of one year from the date of installation.
12. **No advance payment will be made.**

13. No revision of the price bid will be allowed once the price bids are opened. In case of foreign currency, the agency should mention the % of currency fluctuations they can bear.
14. No increase in price will be allowed after our firm orders are placed.
15. **Payment of excise duty and sales tax / VAT (on ultimate products)** as applicable on the closing date of tender will be to the supplier's / contractor's account. Any statutory variation (both plus and minus) in the rate of excise duty/sales tax/VAT after closing date of tender/revised price bid but before the expiry of the contractual delivery / completion period will be to the account of the office.
The bidder(s) will indicate, in their bid, the amount with exact rate of the Excise and Sales tax/VAT on ultimate finished product, as applicable at tendering stage, separately in the bid. In case the above information subsequently is proved wrong, incorrect or misleading (a) this Institute will have no liability to reimburse the excess in the difference in rates of the item under which the duty/tax assessed finally (b) this Institute will have the right to recover the difference in case the rate of duty / tax finally assessed is on the lower side.
- Any increase in excise duty, sales tax / VAT during extended period of the contract / supply order will be to supplier's / contractor's account where such extension in delivery of the materials/completion of the project was on the request of supplier / contractor. However, any decrease in excise duty/sales tax/ VAT during extended period of the contract / supply order, will be to the account of this Institute.
16. The warranty period should be clearly mentioned. The maintenance charges (AMC) under different schemes after the expiry of the warranty should also be mentioned.
17. Quote should come from authorized dealer or distributor or reseller for each of the product quoted. An authorization letter from the **eligible OEM** should accompany your quote for each product quoted; otherwise it may lead to rejection.
18. The delivery period and other terms should be clearly mentioned.
19. Eligibility: Quotation from registered firms/companies / manufacturers under TNGST/CST / other statutory bodies alone be considered. Any Manufacturer / Supplier / Dealer who has been declared ineligible by World Bank/Government of India/Leading Technical Institutions funded by Govt. 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.
20. For those instruments Cost exceeding 5,00,000/- the company should have (i) Three similar works, each of value not less than 40% of the estimated cost, or (ii) Two similar works, each of value not less than 50% of the estimated cost, or (iii) One similar work of value not less than 80% of the estimated cost, all amounts rounded off to a convenient full figure, in the last 7 years ending on the last day of the month previous to the one in which the tenders are invited. [*i.e. a.three similar Controller based Wireless LAN projects at the total cost of each Rs.40 Lakhs or more or b.two similar Controller based Wireless LAN projects at the total cost of each Rs.50 Lakhs or more or c.at least one similar Controller based Wireless LAN project of Rs.80 Lakhs or more in a single project (in the following format in bidder's letter head duly signed and sealed)].*

Sl.No.	Customer Name & Address	Contact person Name, Mobile and Email ID	Date of Implementation & Duration taken for completion	Value of the Executed project

21. Complete user, technical and service documentation, and spare parts catalogue are to be provided along with the supply of the item.
22. 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 unauthorized 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.
23. Delay / loss in postal transit or due to other reasons will not be NIT-T's responsibility.
24. We are not responsible for accidental opening of the covers that are not properly super scribed and sealed before the time scheduled for opening.
25. The tender should be made only on the formats given in this tender Sections which are available in our website, otherwise it shall lead to rejection. The technical details & prices should be filled as the formats given in this tender and to be filled up (preferably **TYPE WRITTEN IN CAPITAL LETTERS**) and should clearly mention the features offered by the bidder against each specification.
26. Authorized signatory should sign on all the pages. Bids without authorized signatures will be rejected.
27. The manufacturers of the quoted make of the product must be of national / international repute and having ISO certificate.
28. **Payment Terms** : 80% of payment after the successful Installation and commissioning of Ordered Equipments. Balance 20% spread over 4 years (5% each year) after successful completion of one year from the date of installation.
29. **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.
30. **Five Years Comprehensive On-Site Warranty Support:** Two on-site service engineers should be available during the 5 (five) years Comprehensive & Warranty period. The on-site service engineers should report on all working days including Saturday from 9.00 a.m. to 5.30 p.m. 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. There should be minimum 5% local stocking of all the Wi-Fi spares at NITT. 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. The warranty start and end date will be counted from the date of installation and not from the date of shipment / billing. "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.

31. **The vendors are informed that they (bidder, OEM & NITT) should sign a stamp paper agreement with us, for Warranty, AMC, etc. before placing the final purchase order as per our terms & conditions and 10% of purchase order value 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.**
32. Failure to comply with all the terms and conditions mentioned herein would result in the tender being summarily rejected.
33. 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.
34. 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.
35. NIT-T reserves the right to modify or alter the specifications after short listing of tenders.
36. NIT-T reserves the right to change the order quantity or split the orders among multiple vendors without assigning any reason(s) whatsoever.
37. NIT-T reserves the right to reject any or all the tenders without assigning any reasons whatsoever.
38. NIT-T reserves the right to increase / decrease the number of quantities of the items to be purchased
39. The agencies should submit their rates as per the format given in Section 4 of the Notice Inviting Tender in this cover. All the pages of the bid should be signed affixing the seal. All corrections and overwriting should be initialed.
40. The tender will be acceptable only from the manufacturers or their authorized suppliers.
41. The bid shall be in the format of price schedule given in Section 4. The contract form as per format given in section 5 shall be submitted. Incomplete or conditional tender will be rejected.
42. Details of quantity and the specifications are mentioned in Section 3 appended to this Notice Inviting Tender.
43. The item to be used is strictly according to the specification and subject to test by the Institute/concerned authorities. It must be delivered and installed in good working condition.
44. The Contractor/Supplier shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the work/supply in full but he did not derive in consequence of the foreclosure of the whole or part of the works.
45. In case of dispute, the matter will be subject to Tiruchirappalli, Tamil Nadu Jurisdiction only.
46. External antenna / Third party External Antenna may be used for Access Point, but it should be certified and accepted by NITT during the demonstration.
47. User log history has to be maintained for 3 months.
48. The access points must comply with the standards as per G.S.R. 542(E), G.S.R. 45 (E), G.S.R 46 (E), and G.S.R.38 (E), under Wireless Planning and Coordination Wing, Ministry of Communications and Information Technology, New Delhi.

Release of EMD:

The EMD shall be released after receipt of performance security from successful bidder.

Validity of bids:

The rate quote should be valid for a minimum of 120 days. No claim for escalation of rate will be considered after opening the Tender.

Imports:

In case, goods are to be imported, the Indian agent should furnish authorization certificate by the principles abroad for submission of the bid in response to this Notice Inviting Tender.

Clarification of Tender Document:

A prospective bidder requiring any clarification of the Tender document may communicate to the contact person given in this notice inviting tender.

Amendment of tender document:

At any time prior to the last date of receipt of bids, Institute may for any reason, whether at its own initiative or in response to a clarification requested by prospective bidder, modify the Tender document by an amendment.

The Institute may at its own discretion extend the last date for the receipt of bids.

The bids shall be written in English language and any information printed in other language shall be accompanied by an English translation, in which case for the purpose of interpretation of the bid, the English translation shall govern.

The Institute reserves the right of accepting any bid other than the lowest or even rejecting all the bids without assigning any reasons therefore. The decision of the Institute Purchase Committee is final in all matters of tender and purchase.

The bidder should give the following declaration while submitting the Tender.

ACCEPTANCE

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

NAME OF THE VENDOR:

ADDRESS :

SIGNATURE OF THE BIDDER

SEAL OF THE FIRM

“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 “**Wi-Fi Equipments**” (similar model that you have quoted)?

2010-2011	2011-2012	2012-2013

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

2010-2011	2011-2012	2012-2013

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 (applicable only for instruments) 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 “**Wi-Fi Equipments**” during the last 3 years ending 31/03/2013 with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id. Certificate regarding satisfactory performance of the “**Wi-Fi Equipments**” 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 “**Wi-Fi Equipments**” 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 :	

DECLARATION

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

Signature of the Bidder :

Name and Designation :

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

Place :

Date :

Seal of the Bidder's Firm

SECTION : 3 SCOPE OF WORK, SCHEDULE OF REQUIREMENTS [TECHNICAL SPECIFICATIONS] AND ALLIED DETAILS

Name of the Component to be procured : **Wi-Fi Facilities for Hostels**

Scope of Work : Please See [Section-3 Annexure-A]

Specifications : Please See [Section-3 Annexure-B]

Any other details/requirement : Please See [Section-3 Annexure-C]

Warranty period required : Five years comprehensive On-site Service Support

Delivery schedule & Completion of installation expected after release of purchase order (in weeks) : Strictly within three months from the date of Placement of Purchase order.

EMD (in Rupees) : Rs.3,00,000/-

Performance Security to be given by Successful bidder after release of purchase order (in Rupees) : 10% of the equipment Cost

Scope of Work by the contractor:

NIT Trichy proposes to implement Wi Fi facility at all hostels. The scope of the work of this project is to design, supply, install, test and commission the Wi Fi system including but not limited to the following:

1. Design of wireless systems for all the hostels and location of access points to provide coverage to all hostel rooms and corridors. The coverage criteria shall be:
 - a. At least -65dBm at 95% of the intended coverage locations
 - b. At least -70dBm at 100% of the intended coverage locations.
2. Supply and installation of indoor/outdoor access points, Wireless LAN controllers, related accessories and software as per the specifications outlined in the tender document.
3. Network cabling to be done for access points and additional 4 Ethernet ports in every floor of hostels from the rack with proper information outlets, jack panels, PVC conduits and accessories.
4. Design and Implementation of Wireless LAN security and authentication system for providing secure access to students, faculty and guests.
5. Design of VLAN and IP addressing scheme for the wireless network and configure the wireless network and existing core switch to implement the design.
6. Proper physical (PVC mesh) protection to be given to all the access points.
7. Testing, commissioning and handover of the wireless network at the hostels to competent authority.
8. Training to the NITT team on administration and troubleshooting of the wireless network.
9. Warranty and Technical Support for a period of five years from the date of commissioning of the Wireless Network.
10. It is decided to inform that this is a turnkey project based on the total cost. The bidders are requested to quote both the unit cost and total cost of all the items (The passive components like CAT6 UTP Cable, Patch Panel, Patch Card and Information Outlets should be reputed [such as AMP, KRONE, MOLEX and Schneider]).
11. The bidder who wins the tender has to fulfill the signal strength of :
Atleast -65 dBm at 95% of the intended coverage locations
Atleast -70 dBm at 100% of the intended coverage locations (in any location of the hostel premises). If failed, extra access points to be added at their own cost to meet the NITT requirements.

Scope of work by NIT, Tiruchirappalli:

1. Provide wall mount rack at center floor of the hostel.
2. Provide fiber connectivity to each hostel from the Data Center.
3. Supply of POE switches with fiber modules to each hostel.
4. UPS Power Backup to all the active components.

NAME OF THE VENDOR:**ADDRESS :****SIGNATURE OF THE BIDDER****SEAL OF THE FIRM**

SECTION 3 : TECHNICAL SPECIFICATION

Item No.1: WIRELESS LAN CONTROLLER: (QUANTITY: TWO NOS.)

Features	Specifications	Complied (YES / NO)
Architecture	The wireless controller should also have 2 Nos of 10G fiber ports in each controller if the controller is a centralized controller and 2 Numbers of 1G fiber ports in each controller if the controller is a distributed controller. Also, note that two controllers should be provided in NITT and controllers on the cloud via internet will not be acceptable.	
	Shall support 1000 IEEE 802.11a/b/g/n Access Points for centralized management and control	
	Shall have High Availability with redundant hardware (2 nos of controllers) and required licenses for atleast 1000 APs either on active-active or active passive high-availability infrastructure.	
	Controller shall have capability to support at least 10,000 simultaneous users.	
	This 10000 users support include up to atleast 1000 simultaneous guest access users during function times such as Pragyana, Festember, and during National/International conference, etc	
	IEEE 802.11n Support If the IEEE 802.11ac standard is ratified on or before the tender submission date, then the controller also support this standard, otherwise it will be sufficient if the controller supports IEEE 802.11n.	
Mobility Features	Shall support fast roaming providing service transparency and fast hand-offs across Access Points within and across subnet boundaries	
	Shall support per-user QoS and security services which follow users as they roam. User based upload/download bandwidth limit should be possible.	
	Shall support mobility domain interconnecting multiple wireless controllers and access points for scalable identity-based roaming across the enterprise	
	Shall have full service capabilities for wireless networks controlled across the WAN	
	Shall support central configuration of VLAN / virtual service communities (or service sets) for QoS, authentication, encryption, and VLANs	
	The proposed WLAN Architecture shall support distributed traffic forwarding allowing traffic to flow directly from source to destination, eliminating needless traffic to pass through the controller, delivering better performance and faster, more-responsive applications	
Security features	Shall support per-user or per-device security policies User based upload/download bandwidth limit should be possible.	
	Shall support authentication based on user credentials (802.1X/EAP), hardware identifiers (MAC address, WEP key), and HTML login	
	Shall support authentication and authorization through Microsoft Active Directory or internal or external RADIUS AAA services	
	Shall support secure management interfaces, including SSH/SSL access to CLI/Web UI, IPsec encapsulated SNMP, and XML with digital certificates	
	Shall support session tracking which compiles a log of user activity for security forensics	
	Shall support Session Based Access Control Lists based on IP address, protocol types and port filtering and DSCP values	
	Shall have transparent support for VPN tunnels via Adaptive NAT	

.... Contd. in next page

Item No.1: WIRELESS LAN CONTROLLER: (QUANTITY: TWO NOS.)

Features	Specifications	Complied (YES / NO)
Security features		
	Shall support VLAN mapping of guest access traffic for secure passage through corporate network	
	Shall support mutual Controller-Access Point authentication using digital certificates eliminating rogue access point connectivity	
	All authentication traffic will have to flow through the controller and rest of the Data Traffic will have to flow to the Core-Switch infrastructure available at NIT-T	
Management features		
	Shall support either central or Distributed Architecture	
	Shall support L2 and L3 controller discovery	
	Shall support auto-selection of RF channel and transmit power	
	Shall support per-client event log records association, authentication and DHCP activities for easy diagnosis	
	Shall support PCAP packet capture on WLAN or LAN interface	
	Shall support SNMPv3 and web-based secured management interfaces (SSL)	
	Operating temperature - 0°C to 40°C	
Warranty and Support		
	Five year hardware warranty with on-site advance replacement by OEM directly within 24 hours	
	The vendor shall provide software fixes and updates to the access point available as part of the warranty	
	If anything is not covered clearly specify the features that need additional licensing along with its cost	

Item No.2: INDOOR ACCESS POINTS WITH INTEGRATED OR EXTERNAL ANTENNA:

Features	Specifications	Complied (YES/NO)
Architecture	The access point shall have one RJ-45 auto-sensing 10/100/1000 Mbps port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX, IEEE 802.3ab Type 1000Base-T)	
	One RJ-45 serial console port (optional)	
	Specify the type of processor and the processor clock speed (optional)	
	Shall support dual-radio IEEE 802.11 b/g/n and 802.11a/n access point	
	Dual radio for IEEE 802.11a/n for high-throughput applications and IEEE 802.11b/g/n for legacy support and high-speed applications	
	Antennas for both IEEE radios, supporting three spatial streams and 3x3 MIMO reaching 450 Mb/s per radio	
	Radio operation modes - Client access, Local mesh, Packet capture and Spectrum Analysis	
	The access point shall be IEEE 802.3af/at PoE compliant	
	Both radios shall operate at full power and full performance on IEEE 802.3af PoE/Gigabit Ethernet	
	Shall have Indoor, plenum rated enclosure	
	Wi-Fi Alliance Certification- a/b/g/n Wi-Fi Certified	
	The APs should support Band Steering, IEEE standard based Beam Forming (or any equivalent similar feature) and Auto re-use of Channels.	

.... Contd. in next page

Item No.2: INDOOR ACCESS POINTS WITH INTEGRATED OR EXTERNAL ANTENNA:

Features	Specifications	Complied (YES/NO)
Mobility Features	Shall support self-healing, self-optimizing local mesh extending network availability to areas without an Ethernet infrastructure	
	Per-radio software-selectable configuration of frequency bands / channels	
	Shall support atleast 15 VLAN / virtual service communities (Service Set), each with a unique SSID and MAC address	
	Individual security and QoS profiles per Service Set	
	Configurable DTIM and minimum data rate per Service Set	
	Each Service Set can be mapped to separate IEEE 802.1Q VLANs	
	Shall support direct source-to-destination traffic forwarding (distributed traffic forwarding) to maximize application delivery	
	WMM support	
Security features		
	IEEE 802.11i, Wi-Fi Protected Access 2 (WPA2), or WPA	
	IEEE 802.1X authentication using EAP-SIM, EAP-FAST, EAP-TLS, EAP-TTLS, and PEAP	
	MAC address authentication using local or RADIUS	
	Layer 2 wireless client isolation	
	Security filter and IP filter	
	Should have integrated / 3rd party locking mechanism (such as Kensington lock feature)	
Management features	Shall support both centrally controlled mode (configured and updated via wireless controller) and autonomous mode (without controller in case of non-availability of controller for few days) which is software selectable	
	Shall support L2 and L3 controller discovery	
	Shall support auto-selection of RF channel and transmit power	
	Shall support per-client event log records association, authentication and DHCP activities for easy diagnosis	
	Shall support PCAP packet capture on WLAN or LAN interface	
	Shall support SNMPv3 and web-based secured management interfaces (SSL)	
	Operating temperature - 0°C to 50°C	
Warranty and Support	Five year hardware warranty with on-site advance replacement by OEM directly within 24 hours	
	The vendor shall provide software fixes and updates to the access point available as part of the warranty. Physical protection to be given to WAP units	

.... Contd. in next page

Item No.3: OUTDOOR ACCESS POINTS WITH EXTERNAL ANTENNA:

Features	Specifications	Complied (YES/NO)
Architecture	The access point shall have one RJ-45 auto-sensing 10/100/1000 Mbps port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX, IEEE 802.3ab Type 1000Base-T)	
	One RJ-45 serial console port (Optional)	
	Specify the type of processor and the processor clock speed	
	Shall support dual-radio IEEE 802.11 b/g/n and 802.11a/n access point	
	Dual radio for IEEE 802.11a/n for high-throughput applications and IEEE 802.11b/g/n for legacy support and high-speed applications	
	External antennas for both IEEE radios, supporting two or higher spatial streams and Min. 2x2 or higher MIMO reaching 300 Mb/s or higher per radio	
	Radio operation modes - Client access, Local mesh, Packet capture	
	The access point shall be IEEE 802.3af/at PoE compliant	
	Both radios shall operate at full power and full performance on IEEE 802.3af/at PoE/Gigabit Ethernet	
	Shall have Outdoor weatherproof to IP66 standards plenum rated enclosure with lightning protection.	
	Wi-Fi Alliance Certification- a/b/g/n Wi-Fi Certified	
	The APs should support Band Steering and Auto re-use of Channels.	
Mobility Features		
	Shall support self-healing, self-optimizing local mesh extending network availability to areas without an Ethernet infrastructure	
	Per-radio software-selectable configuration of frequency bands	
	Shall support atleast 15 VLAN / virtual service communities (Service Set), each with a unique SSID and MAC address	
	Individual security and QoS profiles per Service Set	
	Configurable DTIM and minimum data rate per Service Set	
	Each Service Set can be mapped to separate IEEE 802.1Q VLANs	
	Shall support direct source-to-destination traffic forwarding (distributed traffic forwarding) to maximize application delivery	
	WMM support	
Security features		
	IEEE 802.11i, Wi-Fi Protected Access 2 (WPA2), or WPA	
	IEEE 802.1X authentication using EAP-SIM, EAP-TLS, EAP-TTLS, and PEAP	
	MAC address authentication using local or RADIUS	
	Layer 2 wireless client isolation	
	Security filter and IP filter	
Management features		
	Shall support both centrally controlled mode (configured and updated via wireless controller) and autonomous mode (without controller in case of non-availability of controller for few days) which is software selectable	
	Shall support L2 and L3 controller discovery	
	Shall support auto-selection of RF channel and transmit power	
	Shall support per-client event log records association, authentication and DHCP activities for easy diagnosis	
	Shall support PCAP packet capture on WLAN or LAN interface	
	Shall support SNMPv3 and web-based secured management interfaces (SSL)	

.... Contd. in next page

Item No.3: OUTDOOR ACCESS POINTS WITH EXTERNAL ANTENNA:

Features	Specifications	Complied (YES/NO)
Environment features		
	IP66 Outdoor grade to withstand the outdoor weather conditions such as Rain, Sun, Wind, Dust, Storm, etc with lightning protection.	
	Operating temperature - 0°C to 50°C (Trichy weather condition)	
Warranty and Support		
	Five year hardware warranty with on-site advance replacement by OEM directly within 24 hours	
	The vendor shall provide software fixes and updates to the access point available as part of the warranty. Physical protection to be given to WAP units	

Item No.4:NETWORK MANAGEMENT SOFTWARE: (QUANTITY: 1 BUNDLE)

NITT will provide the required server for installing the NMS.

Features	specifications	Complied (YES / NO)
General		
	The proposed Network Management Software shall be a standalone, comprehensive management platform that delivers integrated, modular management capabilities across fault, configuration, accounting, performance, and security (FCAPS) needs	
	The NMS shall be designed on a service-oriented architecture (SOA) for BYOD / Cloud architecture using a business application flow model and capable of including additional modules to the base platform to provide deeper functionality	
	The NMS shall be compatible with Microsoft Windows and Linux operating systems	
	The NMS shall come with an initial license for match with number of access points.	
	Capability to support at least 10,000 simultaneous users. Additional node licenses shall be available to extend the node limit	
Features		
	The NMS shall enable centralized management of all wireless network elements with a variety of automated tasks, including discovery, categorization, baseline configurations, software images, configuration comparison tools, version tracking, change alerts, and more.	
	The NMS shall have modular architecture supporting other software plug-ins to enrich the network's management capabilities. This shall include Wireless Network Management, AAA/RADIUS Server, Network Access Control, Network Traffic Analyzer (using sflow/Netflow), User Behavior Analysis etc.	
	Wireless Network Management component	
	Centralized and Distributed deployment capability	
	Capabilities shall include	
	o Resource Management - Discovery, full inventory, L2/L3 topology	
	o Performance management – CPU, Memory, Bandwidth, Top N statistics, threshold-based alarming etc.	
	o VLAN Management – view current VLAN configuration, VLAN topology, bulk VLAN deployment	

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Item No.4:NETWORK MANAGEMENT SOFTWARE: (QUANTITY: 1 BUNDLE)

_Features	specifications	Complied (YES / NO)
Features	o ACL Management - Simplified definition and deployment of ACLs, ACL rule optimization	
	o Comprehensive Configuration Management – Bulk configuration, scheduled backup and restore, base lining and change notification	
	o Fault Management – In-depth correlation and analysis of alarms	
	o Flexible Reporting – Pre-defined and custom reports, scheduled and flexible delivery options	
	o Wireless Network Management component shall offer the following features	
	o Auto-discover and classify WLAN devices, including access controllers and access points	
	o Wireless LAN (WLAN) device configuration	
	o Topology	
	o Performance monitoring	
	o RF heat mapping	
	o WLAN service reports	
	Shall be proposed with OEM-recommended hardware/OS/DB etc	
Must support following functions/module	Highly flexible and scalable deployment models —NMS Enterprise Edition delivers an extensive set of capabilities for managing large size networks. The Enterprise Edition supplies a greater level of scalability and high availability through a flexible distributed deployment model working with NMS Standard edition deployments. NMS software can be deployed across multiple servers as hierarchy architecture to provide increased scalability and resilience.	
	Intelligent Management — the solution cohesively integrates fault management, element configuration, and network monitoring from a central vantage point. With support for 3rd party devices, NMS enables the network admin to centrally manage all wireless network elements with a variety of automated tasks: discovery, categorization, baseline configurations and software images, and others. In addition, NMS provides admins with configuration compare tools, version tracking, change alerts, and more.	
	Modular Architecture — With NMS's architecture, new modules can be added to enrich the network management capabilities. Modules for user access management, VPN management, traffic analysis, etc. can be quickly added and provide instant benefit. The architecture allows modules to share information and provide collaborative policy creation and reports.	
	Rich resource management — It provides powerful network discovery and topology, including a detailed inventory of the network and highly accurate depictions of how it is configured; supported views include Layer 2&3, as well as VLAN topology and the ability to create custom views like dashboard homepage; customization enables administrators to organize and control the network infrastructure based on their preferred organizational model.	
	Flexible, centralized reporting — Centralized report management simplifies an organization's report administration; NMS software's flexible historical reports provide information necessary for network trend analysis and capacity planning and offer predefined reports or customization options to define parameters; reports can be viewed in a number of formats, including .pdf and .xls, and can be sent automatically via email, or scheduled to run on a set schedule.	

Item No.4:NETWORK MANAGEMENT SOFTWARE: (QUANTITY: 1 BUNDLE)

_Features	specifications	Complied (YES / NO)
Features		
	Access control list management — NMS software simplifies the definition, deployment, and control of access control lists (ACLs) with effective policy-based control of network security and quality of service (QoS) across an organization's network infrastructure; ACL rule optimization provides efficient use of ACL resources on devices	
Warranty and Support	Five year software warranty with on-site support by OEM. This warranty should also cover all updates, patches, service packs, including major version upgrades during the warranty period.	
	Will Source Code be provided at the free of cost (For In-house R&D use)?	

- **Third party NMS may also be used**

- NIT- Tiruchirappalli currently has two UTM appliances with failover option (SonicWall ENSA 8500) and two Email Security Appliances with failover option (SonicWall ESA ES8300).
- For user authentication NITT currently uses Windows Active Directory Service (ADS).
- Internet facilities are currently available from 3 ISPs via single mode fiber and are terminated directly into the UTM appliance via core switch with automatic load balancing features.
- The wireless solution provided must be integrated with the existing setup.

SECTION 3 : ALLIED DETAILS

Floorwise / Locationwise AP selection details:

S.No	Building Information	Number of Floors	Users	Number of Rooms	Min. no. of Indoor Access Points	Min. no. of Outdoor Access Points
1.	Garnet A	G+2	240	120	18	1
2.	Garnet B	G+2	240	120	18	1
3.	Garnet C	G+2	240	120	18	1
4.	Zircon A	G+2	240	120	18	1
5.	Zircon B	G+2	240	120	18	1
6.	Zircon C	G+2	240	120	18	1
7.	Amber A	G+3	330	165	24	1
8.	Amber B	G+3	330	165	24	1
9.	Aquamarine A	G+3	330	165	24	1
10.	Aquamarine B	G+3	330	165	24	1
11.	OPAL - D	G+3	330	165	24	1
12.	Aquamarine C	G+3	200	200	24	1
13.	OPAL - E	G+3	200	200	24	1
14.	Emerald	G+2	126	126	18	1
15.	Lapis	G+2	126	126	18	1
16.	Pearl	G+2	126	126	18	1
17.	Ruby	G+2	126	126	18	1
18.	Sapphire	G+2	126	126	18	1
19.	Topaz	G+2	126	126	18	1
20.	Agate	G+2	231	77	18	1
21.	Coral	G+2 (2 Halls are in 2 nd Floor)	171	58	13	1
22.	Diamond	G+2 (6 Rooms are in 2 nd Floor)	171	58	14	1
23.	Jade	G+2	180	60	15	1
24.	OPAL - A	G+2	215	125	18	1
25.	OPAL - B	G+2	105	78	12	1
26.	OPAL - C	G+2	120	120	18	1
	Total		5439	3277	492*	26*

*The min. no. of Access Points mentioned in the document is indicative only and extra access points may be required to meet the signal strength requirements of NITT. In order to assess the number of access points to be quoted, the OEM/vendors must visit all hostels to arrive at the correct no. of access points before quoting the tender document.

Note: The wi-fi facility should be there up to a distance of 100m in front of the portico of each hostel with at least -70dBm at 100% of the intended coverage locations.

- a. 6 hostels: Garnet-A, Garnet-B, Garnet-C, Zircon A, Zircon B, and Zircon C have same floor plans each with 120 rooms to accommodate 240 students
- b. 5 hostels: Opal-D, Amber-A, Amber-B, Aquamarine A, and Aquamarine B have same floor plans each with 165 rooms to accommodate 330 students
- c. 2 hostels: Opal-E, and Aquamarine C (Research Scholars Hostel) have same floor plans each with 200 rooms to accommodate 200 students
- d. 6 hostels: Emerald, Lapis, Pearl, Ruby, Sapphire, Topaz have similar floor plans each with 126 rooms to accommodate 126 students
- e. 7 hostels Agate, Coral, Diamond, Jade, Opal-A, Opal-B, Opal-C have different floor plans with different capacities.

It will be sufficient if the vendors just visit and see one category of Hostel each.

SECTION : 4 PRICE SCHEDULE

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

- 1. Component Name :

- 2. Specifications (confirming to Section 3 of Tender document-enclose additional sheets if necessary) :
- 3. Currency and Unit Price :

- 4. Quantity :

- 5. Item cost (Sl.No.3 & Sl.No.4) (in Indian Rupee) :

- 6. Taxes and other charges :
 - (i) Specify the type of taxes and duties in percentages and also in figures
 - (ii) Specify other charges in figures :

- 7. Warranty period (confirming to the Section 3 of Tender document. This should be mentioned in Technical bid also in order to get qualified for Financial bid) :

- 8. Delivery Schedule (confirming to the Section 3 of Tender document) :

- 9. Name and address of the firm for placing purchase order :

- 10. Name and address of Indian authorized agent (in case of imports only) :

Signature of the Bidder :

Name and Designation :

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

Place :

Date :

Seal of the Bidder's Firm

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015

Section – 4 Annexure–D

PRICE BID FORMAT FOR INDIAN BIDDERS THOSE WHO ARE QUOTING IN INR

Tender No. & Date : CSG/TENDER/July2013/2013 11/07/2013

S.No.	Description of Item	Unit (Set/No.)	Qty.	Rate / Qty. In Rs. (excluding of all taxes)	ED in %	VAT/CST in CST%	Service Tax in %	Total value in Rs. (inclusive of all taxes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	<u>Item No.1:</u> <u>WIRELESS LAN CONTROLLER</u> [As specified make and model in the Section-3 [Annexure-B] Technical compliance form as (The price indicated shall be exclusive of all accessories spares etc. as given in the scope of supply)]							
2	<u>Item No.2:</u> <u>INDOOR ACCESS POINTS</u> [As specified make and model in the Section-3 [Annexure-B] Technical compliance form as (The price indicated shall be exclusive of all accessories spares etc. as given in the scope of supply)]							

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PRICE BID FORMAT FOR INDIAN BIDDERS THOSE WHO ARE QUOTING IN INR

Tender No. & Date : CSG/TENDER/July2013/2013 11/07/2013

S.No.	Description of Item	Unit (Set/No.)	Qty.	Rate / Qty. In Rs. (excluding of all taxes)	ED in %	VAT/CST in CST%	Service Tax in %	Total value in Rs. (inclusive of all taxes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
3	<p><u>Item No.3:</u> <u>OUTDOOR ACCESS POINTS WITH EXTERNAL ANNTENNA:</u> [As specified make and model in the Section-3 [Annexure-B] Technical compliance form as (The price indicated shall be exclusive of all accessories spares etc. as given in the scope of supply)]</p>							
4	<p><u>Item No.4:NETWORK MANAGEMENT SOFTWARE:</u> [As specified make and model in the Section-3 [Annexure-B] Technical compliance form as (The price indicated shall be exclusive of all accessories spares etc. as given in the scope of supply)]</p>							

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PRICE BID FORMAT FOR INDIAN BIDDERS THOSE WHO ARE QUOTING IN INR**Tender No. & Date : CSG/TENDER/July2013/2013 11/07/2013**

S.No.	Description of Item	Unit (Set/No.)	Qty.	Rate / Qty. In Rs. (excluding of all taxes)	ED in %	VAT/CST in CST%	Service Tax in %	Total value in Rs. (inclusive of all taxes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
5	Other accessories / spares etc as given in scope of supply (individual item-wise break-up price shall be attached as an annexure to this price bid format)							
6	Installation & Commissioning (extra, if any)							
7	Structured Cabling Work includes necessary passive components [CAT6 UTP cable, Face plate with I/O , SMB, Patch Cables, Patch Panel,], PVC conduits and labour charges for providing Ethernet connections to access points and four numbers of additional Ethernet port in each Floor of all the Hostels from RACK locations [i.e. PoE Switch location] (see Annexure-C for Hostel details)							
8	Physical Protection with locking facilities [PVC Mesh] for all the Access Points							
9	On-Site Service support for two Engineers during the 5-year Warranty period							
10	Packing & Forwarding charges (extra, if any) in percentage (or) Lumpsum							
11	FOR Despatching stations value in Rs.							
12	Freight & Transit Insurance charges, extra, if any (Lumpsum of %)							
13	Total all inclusive price deliver, installed and commissioned at NITT							

Signature & Seal of Vendor

The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, incase the item is “not applicable”. The price bid will be rejected if any column is left empty.

**PRICE BID FORMAT FOR INDIAN AGENTS THOSE WHO ARE QUOTING
ON BEHALF OF THEIR PRINCIPAL & IN FOREIGN CURRENCY**

Tender No. & Date : CSG/TENDER/July2013/2013 11/07/2013

S.No.	Description of Item	Unit (Set/No.)	Qty.	Rate / Qty. In quoted Currency	Total value in In quoted Currency
(1)	(2)	(3)	(4)	(5)	(9)
1	<u>Item No.1: WIRELESS LAN CONTROLLER</u> [As specified make and model in the Section-3 [Annexure-B] Technical compliance form as (The price indicated shall be exclusive of all accessories spares etc. as given in the scope of supply)				
2	<u>Item No.2: INDOOR ACCESS POINTS</u> [As specified make and model in the Section-3 [Annexure-B] Technical compliance form as (The price indicated shall be exclusive of all accessories spares etc. as given in the scope of supply)				
3	<u>Item No.3: OUTDOOR ACCESS POINTS WITH EXTERNAL ANNTENNA:</u> [As specified make and model in the Section-3 [Annexure-B] Technical compliance form as (The price indicated shall be exclusive of all accessories spares etc. as given in the scope of supply)				

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**PRICE BID FORMAT FOR INDIAN AGENTS THOSE WHO ARE QUOTING
ON BEHALF OF THEIR PRINCIPAL & IN FOREIGN CURRENCY**

Tender No. & Date : CSG/TENDER/July2013/2013 11/07/2013

S.No.	Description of Item	Unit (Set/No.)	Qty.	Rate / Qty. In quoted Currency	Total value in Quoted currency
(1)	(2)	(3)	(4)	(5)	(6)
4	Item No.4:NETWORK MANAGEMENT SOFTWARE: [As specified make and model in the Section-3 [Annexure-B] Technical compliance form as (The price indicated shall be exclusive of all accessories spares etc. as given in the scope of supply)				
5	Other accessories / spares etc as given in scope of supply (individual item-wise break-up price shall be attached as an annexure to this price bid format)				
6	Packing & Forwarding charges (extra, if any) in percentage (or) Lumpsum				
7	FOB / Ex-Works [Despatching stations] value in Foreign Currency				
8	Freight & Insurance charges, (including Foreign Bank charges) upto NITT, extra, if any (Lumpsum of %)				
9	Total all inclusive Price in quoted currency [delivery upto NITT without Duties & Customs Clearance]				
10	Other Charges [Basic Customs Duty, other Duties, Customs Clearance charges [NITT will provide only Essentiality Certificate and DSIR certificate for claiming Concessional duty] (in Indian Rupees)				
11	Installation & Commissioning (extra, if any) [in Indian Rupees]				
12	Structured Cabling Work includes necessary passive components [CAT6 UTP cable, Face plate with I/O , SMB, Patch Cables, Patch Panel,], PVC conduits and labour charges for providing Ethernet connections to access points and four numbers of additional Ethernet port in each Floor of all the Hostels from RACK locations [i.e. PoE Switch location] in Indian Rupees (see Annexure-C for Hostel details)				
13	Physical Protection with locking facilities [PVC Mesh] for all the Access Points [in Indian Rupees]				
14	On-Site Service support for two Engineering during the 5-year Warranty period [in Indian Rupees]				

Signature & Seal of Vendor

The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, incase the item is “not applicable”. The price bid will be rejected if any column is left empty.

SECTION : 5 CONTRACT FORM

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

1. {Name of the Supplier's Firm) hereby abide to deliver theby the delivery schedule mentioned in the Section 3 tender document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in the tender document without any defect and deviations.
3. Warranty will be given for the period mentioned in the tender document and service will be rendered to the satisfaction of NIT, Trichy during this period.
4. Two Onsite Engineers should be provided right from day one (Monday to Saturday from 9.00 am to 5.30pm) during the 5-year Warranty period
5. 5% Stocking of WAP units to be maintained at NITT
6. The On-site Engineers salary which will be paid by the vendor should be on par with Central Government Wages Act.

Signature of the Bidder :

Name and Designation :

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

Place :

Date :

Seal of the Bidder's Firm

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

Last Date for receipt of tender at NIT-T : **extended to 04/09/2013** at 3.30 p.m.
 Opening Date : **extended to 04/09/2013** at 4.00 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. Duly filled & signed Terms and conditions of the Tender & Details of the Firm offering this Quote, Declaration	YES / NO
2. Duly Filled & signed forms of Schedule of requirements [Technical Specifications] and Allied Details	YES / NO
3. Duly Filled in signed Price Schedule & Price Bid Formats	YES / NO
4. Duly Filled in signed Contract Form	YES / NO
5. Other technical specifications & pamphlets	YES / NO

SEAL OF THE BIDDER

SIGNATURE WITH DATE

FOR NIT-T USE ONLY

Name of the Vendor Address (Location):	
1. Duly filled & signed Terms and conditions of the Tender & Details of the Firm offering this Quote, Declaration	YES / NO
2. Duly Filled & signed forms of Schedule of requirements [Technical Specifications] and Allied Details	YES / NO
3. Duly Filled in signed Price Schedule & Price Bid Formats	YES / NO
4. Duly Filled in signed Contract Form	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
DY. REGISTRAR (A/cs.)	