



**NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI – 620015  
CENTRAL LIBRARY**

**Tender Notification No. Lib01/July 2016**

**Item No. Lib01/RFID Component**

Web : [www.nitt.edu](http://www.nitt.edu)

Phone : 0431 - 2503761

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**TENDER NOTICE**

**Tender Document for Supply, Testing and Installation of Radio Frequency Identification (RFID) System Components to the Central Library NITT**

**Tender Notification No.: LIB 01/July 2016**

**Dated: 22/07/2016**

Name of the component : **RFID Components**

Quantity required : **As per the Annexure**

EMD Amount : **2% of total amount quoted**

Delivery : **4 – 6 weeks from the date of purchase order**

Cost of the Tender Document : **Rs. 150/-**

Last Date of submission of Tender : **31.08.2016 upto 3.00 PM**

Address for submission of Tender : **The Director,  
National Institute of Technology,  
Tiruchirappalli – 620015, Tamilnadu, India  
Kind ATTN to: The Librarian, NIT, Trichy -15**

Date of opening of bid : **31.08.2016 at 3.30 PM**



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**Tender Notification No. Lib01/July 2016  
Item No. Lib01/RFID Components**

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**SECTION – I**

**INVITATION OF BIDS**

1. NIT-Tiruchirappalli invites sealed bids from eligible bidders for Supply, Testing and Installation of Radio Frequency Identification (RFID) Components to the Central Library. The requirements are as follows –
2. As per the technical bid as specified in Annexure I.
3. Tenders must be clearly written and all the rates written in figures as well as in words. Tenders written with pencil, partly typed and partly hand written in different inks/hands or erased with unauthentic cutting/corrections will be rejected.
4. The rate quoted must be inclusive of all charges and taxes, whatsoever is applicable on supply of quoted equipment. It would be the responsibility of the successful bidder to install the equipment at respective sites and no extra charges will be paid on that account.
7. Tenders once received will not be returned.
8. The earnest money will be refunded to the unsuccessful bidder(s) within one month from the date of final acceptance of the tender.
9. Bids will be opened in the presence of Bidder's representatives.



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**SECTION – II**

**INSTRUCTION TO BIDDERS**

**Earnest Money:** Rs.-----/- (Rupees -----only) as earnest money must be deposited in the form of demand draft in favour of Director, NIT Trichy, payable at ----- . No interest shall be payable on the earnest money deposited by the bidders. Tender documents submitted without earnest money will be rejected.

**Time, Date and Venue for Tender opening:**

Date: -----and Time: ----- (Venue-----)

**Place of submission of Tender documents:**

- .
- The envelope containing tender documents must be clearly super-scribed with the Tender No. and Tender Name.
  - The institute will not be responsible for tenders submitted at any other place. Tender not received within the due date will not be considered.



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**Eligibility for Bidders:**

- a. The bidder should have at least 1 crore average annual turnover for last 3 years from software development / IT services.
- b. The bidder should have an experience of successful installation of RFID in academic institutions.
- c. Only those firms should respond who are the manufacturers or authorized dealers/agents of the stores specified in the tender specifications.
- d. The foreign manufacturers of the tendered stores will have to specify in the tender document, details of the sales service to be provided after expiry of warranty period.
- e. Indian agents of foreign manufacturers are allowed to participate in the tender subject to the following conditions:-
  - i. The Indian agent will submit along with the tender documents a copy of latest authority letter/agreement from the foreign manufacturer / principal.
  - ii. Such agreement/authority with the foreign manufacturers should be a long-tem agreement and not merely for the present tender.
  - iii. If the agreement is only for the present tender, the offer received is liable to be rejected.
  - iv. The Indian agent will provide details of the after sales service and post contractual support i.e. repair, maintenance, supply of spare parts etc. that he will carry out.
  - v. Offers from firms whose business activities are limited to procuring items from manufacturers, both Indian and Foreign and supplying the same to the purchaser, and having no after sales service backup will not be entertained.
  - vi. Where the quoting party/Indian representative claims to be subsidiary or branch office or an authorized representative or principal foreign manufacturer/supplier in India, then a copy of approval from RBI/Ministry concerned for operating business in India as subsidiary/branch/liaison or joint – venture may be submitted with offer. The Indian agent of foreign manufacturer should be registered with DGS & D.
  - vii. The bidder must have latest income tax clearing certificate /PAN /TIN
  - viii. The bidder must have latest VAT/S.T. Clearance certificate
  - ix. The firm must have trade registration certificate



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**BIDDER'S COPY**

**INSTRUCTIONS TO BIDDERS**

1. The bidder's copy is for your future records. Please fill in and return only NIT-T's copy.
2. 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. The terms and conditions form should be kept in **Master Cover**.
3. Fill in the "Firm offering this quote form" and the same should be kept it in the **Master Cover**.
4. Fill in the "**Technical Bid**" making sure that you have not missed anything. Specify the model number & specification for each item. The form should be filled item-wise and in case you have more than one offer, then submit a separate offer and use photocopies of the form. Avoid using ambiguous terms like "yes", "complied" or "available". Specifically mention what is the matching specification of the product offered by you. Put this "**Technical Bid**" in a separate Cover (**Cover – A**). The Cover-A should be superscribed "TECHNICAL BID [RFID LIBRARY SECURITY SYSTEMS] and the cover should be properly sealed. Finally the Cover-A should be submitted in Master Cover.
5. Next fill in the "**Financial Bid**" for **RFID Library Security Systems** (Price Bid) and kept this document in a separate Cover (**Cover – B**). **Cover B will be opened only if the vendor is shortlisted whose specifications are matching the NITT's specifications and the vendors reputation based on the Details of the Firm offering this quote form's data provided by the vendor.**
6. The rates should be quoted in Indian currency and preferably be net, inclusive of all taxes and duties, packing, forwarding, freight, insurance and all other incidental charges, etc. The filled in "**Currency Form**" should be put in the **Master Cover**.
7. The bidder must provide at least 3 year onsite comprehensive warranty on all RFID items, Services and Maintenance. **Please mention the free onsite warranty period and the paid warranty period including cost of the same up to 3 years from the date of successful installation of RFID system.**
8. The responsibility and the requirements if any from NITT side must be clearly mentioned.
9. Make sure that you have affixed your signature with date and seal on all the documents.

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Item No. Lib01/RFID Components**

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10. Please send the tenders in a sealed envelope (**Master Cover**) superscribed as “**QUOTATIONS AGAINST TENDER NOTIFICATION NO: Lib01/July 2016 Item No. LIB 01/RFID Components**)” so as to reach “The Director, Attention: Librarian, Central Library, National Institute of Technology, Tiruchirappalli - 620 015, India” **on or before 31<sup>th</sup> August 2016 at 3.00 p.m.**
11. For any further clarifications, contact by E-Mail: thamarai@nitt.edu or by written request to “The Director, Attention: Librarian, Central Library, National Institute of Technology, Tiruchirappalli - 620 015”
12. DO NOT VISIT US WITHOUT OUR CONCURRENCE.

**Last Date for receipt of tender at NIT-T : 31<sup>th</sup> August 2016 at 3.00 p.m.**  
**Opening Date for Tender : 31<sup>th</sup> August 2016 at 3.30 p.m.**

<b>CHECKLIST TO BE FILLED IN BY BIDDER</b>		
List of documents to be enclosed	Completed & Signed	To be submitted in
1. Terms and Conditions form	YES / NO	MASTER COVER
2. Details of the Firm offering this Quote	YES / NO	MASTER COVER
3. NIT-T's Technical Bid	YES / NO	COVER-A
4. NIT-T's Financial Bid for RFID Library Security Systems (Price Bid)	YES / NO	COVER-B
5. Currency Form(quoted on behalf of the foreign suppliers)	YES / NO	MASTER COVER
6. Other technical specifications & pamphlets	YES / NO	MASTER COVER

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

**Please retain this page with you for your future reference.**

**BIDDER'S COPY**

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**



NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI – 620015  
CENTRAL LIBRARY

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**MASTER COVER (SPECIMEN)**

**“QUOTATIONS AGAINST TENDER NOTIFICATION NO: Lib01/July 2016 Item No. LIB 01/RFID Components)”**

**LAST DATE: 31/08/2016 TIME : 3.00 P.M. OPENING DATE & TIME : 31/08/2016 3.30 P.M.**

This Cover should contains:

Master Cover contains	Separate Covers
1) Terms & Conditions Form duly signed & sealed	NIT-T's Technical Bid duly filled & signed (RFID Library Security Systems) (COVER-A)
2) Details of the Firm offering this Quote	NIT-T's Financial Bid for LIB-01 A): RFID Library Security Systems (Price Bid) (COVER-B)
3) Currency Form (Quoted on behalf of the foreign supplier)	
4) Other technical specifications & pamphlets	
5) To be kept in a separate cover as <b>Cover A, B</b> and these separate covers should be properly sealed and have to be kept in <b>Master Cover</b> .	

**DO NOT OPEN THE COVER**

FROM  
<< COMPANY NAME >>  
<< ADDRESS1 >>  
<< ADDRESS2 >>  
<< ADDRESS3 >>  
<< CITY >>  
<< PIN >>  
<< TELEPHONE >>  
<< CELL >>  
<< EMAIL >>

**TO  
THE DIRECTOR  
ATTN: LIBRARIAN, CENTRAL LIBRARY  
NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI – 620 015  
TAMIL NADU, INDIA**



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**“TERMS AND CONDITIONS FORM”**

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

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**General Terms and Conditions:**

1. The offers should be addressed to “The Director, Attn: Librarian, Central Library, National Institute of Technology, Tiruchirappalli 620015, India” and should be sent in a sealed envelope superscribed “**QUOTATIONS AGAINST TENDER NOTIFICATION NO: Lib01/July 2016 Item No. LIB 01/RFID Components**” so as to reach us **on or before 3.00 p.m. on August 31, 2016.**
2. Each offer should be sent in a sealed cover with the tender documents. Tenders received through email or FAX will not be considered. Tender Document fee of Rs. 150/- should be remitted as Bank DD taken in favour of Director, National Institute of Technology , Tiruchirappalli – 620 015
3. The tenders will be opened on **August 31, 2016 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. The bidder must have supplied and commissioned successfully RFID based solutions in atleast 10 Libraries Nationally/Globally (List to be attached) and should have an experience of minimum 10 Years of Library Automation.
5. RFID vendor should have minimum 2 live sites where proposed RFID system integration with LibSys software is in operations at least for the last 2 years. (Provide certificates from sites preferably educational institutes)
6. Full technical specifications and pamphlets should be sent along with the tenders. **Offers without proper technical specifications will be rejected.**
7. 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.
8. 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 Educational Cess, and 4% Import Additional Duty.
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 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. The exchange rate will be calculated on the date of opening**
12. No revision of the price bid will be allowed once the price bids are opened.
13. No increase in price will be allowed after our firm orders are placed.
14. The warranty period should be clearly mentioned. The maintenance charges (AMC) under different schemes after the expiry of the warranty should also be mentioned.



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15. Quote should come from authorized dealer or distributor or reseller for each of the product quoted. An authorization letter from the Manufacturer should accompany your quote for each product quoted. If Authorisation letter not available, the offer will be rejected. Technical bid (Cover-A) will not be opened.
16. The delivery period and other terms should be clearly mentioned.
17. Complete user, technical and service documentation, and spare parts catalogue are to be provided along with the supply of the item.
18. 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 un-authorized 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.
19. Delay / loss in postal transit or due to other reasons will not be NIT-T's responsibility.
20. We are not responsible for accidental opening of the covers that are not properly superscribed and sealed before the time scheduled for opening.
21. The tender should be made only on the "Technical Bid" & "Financial Bid" which is available in our website, otherwise it shall lead to rejection. The technical Bid & Financial Bid should be duly filled up (preferably **TYPE WRITTEN IN CAPITAL LETTERS**) and should clearly mention the features offered by the bidder against each specification.
22. Authorized signatory should sign on all the pages. Bids without authorized signatures will be rejected.
23. The manufacturers of the quoted make of the product must be of national / international repute and having ISO certificate.
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 (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.**
25. **Earnest Money Deposit (EMD) ( 2% of total amount quoted) to be submitted along with this tender as Demand Draft taken in favour of Director, National Institute of Technology , Tiruchirappalli – 620 015.**
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 opened. The opening of price bids (Cover – B) will be informed to the vendors whose 'Technical specifications' are meeting the NITT's specifications.
28. The tender validity period should be 6 months from the date of opening.
29. NIT-T reserves the right to modify or alter the specifications after short listing of tenders.
30. NIT-T reserves the right to change the order quantity or split the orders among multiple vendors without assigning any reason(s) whatsoever.
31. NIT-T reserves the right to reject any or all the tenders without assigning any reasons whatsoever.
32. Apart from the above General Terms and Conditions, item-wise terms and conditions are enlisted in the Technical Bid and Financial Bid.

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**



**NATIONAL INSTITUTE OF TECHNOLOGY  
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CENTRAL LIBRARY**

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**Terms and Conditions related to RFID:**

1. NIT, TRICHY is at present using LIBSYS Software for Library Transactions and other activities integrated with RFID technology. So the specification and the components should be suitable and compatible with the existing system and it should support / compatible to SIP2 / NCIP Standards for Protocols for inter- operable and flexibility of switching over to different types of Hardware as mentioned above. The integration should work independent of the existing software and should update the transactions' details in the existing software.
2. SDK / DDL / Active X, Protocol and other software used to integrate all the Hardware & software should be provided with source code and manual and should be provided with all the details & sample programmes for interfacing all the above equipments with the existing Library software for all its transactions. The supplier should take all the integration activities of the above Hardware and software.
3. Detailed specifications for all the items should be quoted separately. Project duration should also be quoted separately.
4. Rate should be quoted for each item separately.
5. Charges for installation of HW, SW, Cabling, wiring etc. if any to the RFID system and the Library System should be quoted separately.
6. Registration module should be given along with the Desk top Reader / Antenna for reading, writing and updating the data.
7. The software should have also provision for capturing of taking the documents outside the security.
8. Proper and required Onsite Training to the NIT Library staff for all the activities of the RFID system should be given to our satisfaction.
9. Installation commissioning and demonstrating the Integrated System to be made to our full satisfaction for one month.
10. **Warranty : Minimum 3 years**
11. AMC if any after Warranty period should be quoted after warranty period. The warranty period starts only after completing installations and working of integrated systems up to the satisfaction. The amount quoted for AMC will also be criteria for selection.
12. Supplier should visit our site before quoting to understand the present system and our requirements.



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13. Additional modifications in the interface module using NCIP Protocol etc. are to be done if required.
14. Supplier should have enough Technical experience in successfully implementing similar projects in reputed institutions, particularly in Government Institutions with proof of evidence / certificates from the clients.
15. Supplier should arrange Demo before quoting to our Technical team.

\*\*\*\*\*

**ACCEPTANCE**

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

**NAME OF THE VENDOR:  
ADDRESS :**

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**

**THIS FORM SHOULD BE PUT IT IN MASTER COVER**



**NATIONAL INSTITUTE OF TECHNOLOGY  
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**“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 two years for the “RFID Library Security Systems” (same model that you have quoted)?
- | 2014-15              | 2015-2016            |
|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> |
6. Turn over in the last two years (Figures should be in Indian Rupees in Lakhs):
- | 2014-2015            | 2015-2016            |
|----------------------|----------------------|
| <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.
13. Enclose the list of customers to whom you have supplied “RFID Library Security Systems” during the last 2 years ending 30/04/2016 with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id. Certificate regarding satisfactory performance of the “RFID Library Security Systems” from the minimum two end users should be furnished.
14. Are you the authorized dealer or distributor or reseller for the products quoted:
15. Have you supplied “RFID Library Security Systems” to National Institute of Technology, Tiruchirappalli in the last 2 years? If yes, specify the quantity supplied in the last 2 years  and last PO reference
16. 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.

**THIS FORM SHOULD BE PUT IT IN MASTER COVER**



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17. 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 :

**THIS FORM SHOULD BE PUT IT IN MASTER COVER**



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Web : [www.nitt.edu](http://www.nitt.edu)

Phone : 0431 - 2503761

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**COVER - A (SPECIMEN)**

**“QUOTATIONS AGAINST TENDER NOTIFICATION NO: Lib01/July 2016 Item No. LIB 01/RFID Components)”**  
**LAST DATE : 31/08/2016 TIME : 3.00 P.M. OPENING DATE & TIME : 31/08/2016 3.30 P.M.**

**DO NOT OPEN THE COVER**

FROM  
<< COMPANY NAME >>  
<< ADDRESS1 >>  
<< ADDRESS2 >>  
<< ADDRESS3 >>  
<< CITY >>  
<< PIN >>  
<< TELEPHONE >>  
<< CELL >>  
<< EMAIL >>

**TO  
THE DIRECTOR  
ATTN: LIBRARIAN, CENTRAL LIBRARY  
NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI – 620 015  
TAMIL NADU, INDIA**

**THIS COVER SHOULD BE SEALED AND INSERTED IN MASTER COVER**



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Web : [www.nitt.edu](http://www.nitt.edu)

Phone : 0431 - 2503761

**ANNEXURE - I**

**“TECHNICAL BID”**

**Item No. 1: Radio Frequency Identification (RFID) Components**

**FIRM'S NAME AND ADDRESS:**

**FIRM'S REF:**

**DATE:**

Sl. No.	Specification/Description	Specification of the product quoted	Deviation if any Higher/Lower									
1.	<b>RFID Reader with Antenna</b>											
	<table border="1"> <tr> <td><b>Operating Frequency Standards</b></td> <td>13.56 MHZ Compatible to ISO/IEC 15693 standards &amp; ISO: 18000</td> </tr> <tr> <td><b>Communication Interface</b></td> <td>RS 232 / USB</td> </tr> <tr> <td><b>Read Range</b></td> <td>Minimum 30cms</td> </tr> <tr> <td><b>Read/Write capability</b></td> <td>Data into labels To be used with external Antenna</td> </tr> <tr> <td><b>Applications</b></td> <td>Issue/Return/Renewal/sorting of multiple documents at once and activating /deactivating the RFID Tags</td> </tr> </table>	<b>Operating Frequency Standards</b>	13.56 MHZ Compatible to ISO/IEC 15693 standards & ISO: 18000	<b>Communication Interface</b>	RS 232 / USB	<b>Read Range</b>	Minimum 30cms	<b>Read/Write capability</b>	Data into labels To be used with external Antenna	<b>Applications</b>	Issue/Return/Renewal/sorting of multiple documents at once and activating /deactivating the RFID Tags	
<b>Operating Frequency Standards</b>	13.56 MHZ Compatible to ISO/IEC 15693 standards & ISO: 18000											
<b>Communication Interface</b>	RS 232 / USB											
<b>Read Range</b>	Minimum 30cms											
<b>Read/Write capability</b>	Data into labels To be used with external Antenna											
<b>Applications</b>	Issue/Return/Renewal/sorting of multiple documents at once and activating /deactivating the RFID Tags											
2.	<b>RFID HANDHELD READER</b>											
	<table border="1"> <tr> <td><b>Design</b></td> <td>Ergonomically designed Cordless WiFi Handheld Inventory Reader + Internal Antenna integrated with chargeable battery (minimum 4 Hours life).</td> </tr> <tr> <td><b>Operating Frequency</b></td> <td>13.56 MHZ</td> </tr> <tr> <td><b>Standards</b></td> <td>Compatible to ISO/IEC : 15693 &amp; ISO: 18000-3</td> </tr> <tr> <td><b>Software Components</b></td> <td>Compatible software for laptop &amp; PC.</td> </tr> <tr> <td><b>Features</b></td> <td>Long lightweight handheld; to perform stock-checking, re-shelving and also to locate specific items, sorting and monitoring of library material on shelf along with</td> </tr> </table>	<b>Design</b>	Ergonomically designed Cordless WiFi Handheld Inventory Reader + Internal Antenna integrated with chargeable battery (minimum 4 Hours life).	<b>Operating Frequency</b>	13.56 MHZ	<b>Standards</b>	Compatible to ISO/IEC : 15693 & ISO: 18000-3	<b>Software Components</b>	Compatible software for laptop & PC.	<b>Features</b>	Long lightweight handheld; to perform stock-checking, re-shelving and also to locate specific items, sorting and monitoring of library material on shelf along with	
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	<b>Power Supply</b> <b>Read Range</b> <b>Transmitting Power</b> <b>Software</b>	locating misplaced documents. To locate items that is out place on the shelves.  <b>5V/3 Amp DC Adopter</b>  <b>Minimum 25 cms</b>  <b>Upto 1W – 4W max Power</b>  <b>Abilities to</b> - Find misplaced book - Find duplicate - Identify issued books if there are any in Library - Complete stock check, Bluetooth, PDA or Laptop.		
<b>3.</b>	<b>RFID BOOK DROP BOX</b>			
	<b>Operating Frequency</b> <b>Standards</b> <b>Installation</b> <b>Power Consumption</b> <b>Communication Interface Display</b> <b>Operating Temperature</b>	<b>13.56 MHZ</b>  <b>Compatible to ISO/IEC : 15693 &amp; ISO: 18000</b>  <b>Easy to install with internal setup of receiving cart, reader and antenna.</b>  <b>Self-Power via USB, 500 m W max</b>  <b>Ethernet</b> <b>22” or above LCD or TFT Touch screen</b> <b>-10° C to +70° C</b>		
<b>4.</b>	<b>SELF-CHECK-OUT STATION – SERVICE KIOSK</b>			
	<b>Monitor</b> <b>Processor</b> <b>Hard disk</b> <b>RAM</b> <b>Operating system</b> <b>Power consumption</b> <b>Connectors External</b>	<b>22.5” LED capacitive touch screen</b>  <b>Intel i3</b>  <b>500 GB</b>  <b>2 GB</b>  <b>Windows 7 professional</b> <b>150 to 200W</b>  <b>4usb; 12V 1A internal power output</b> - One button on/off - Network card (Ethernet)		



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<b>HARDWARE SPECIFICATION</b>			
RFID Transponder supported	ISO/IEC 15693; ISO 14443; ISO 18000		
Input Voltage	230 V		
Output	12V DC		
Transmitting power	1.2 to 4 W max		
Read distance [ISO 15693]	35 to 40 cm		
Read distance [ISO 14443]	5 to 10 cm		
Patron identification method	Optional; Biometric/ Mifare/ Desfire card /Barcode card		
5.	<b>Book Drop station (self-service) shall incorporate the following expected requirements:</b> <ul style="list-style-type: none"> <li>• The design of chassis shall come with anti-vandalism, fire-deterrent and weather-resistance features.</li> <li>• Book Drop must be able to display item ID once item is returned.</li> <li>• Items returned to the book Drop must immediately cancel the loan.</li> <li>• Book Drop must come with a sensor to indicate when the book bin is full</li> <li>• System alert message shall be forwarded for notification to existing RFID Local host Server, if any hardware(s) or peripheral(s) are detected to be not operational.</li> <li>• Fine indication must be provided as per adjustable menu.</li> </ul>		
6.	<b>Project Management &amp; Installation</b>		<b>Free</b>
7.	<b>Packaging &amp; Freight</b>		<b>Free</b>

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**

**THIS FORM SHOULD BE PUT IT IN COVER-A**



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**Item No. Lib01/RFID Component**  
Web : [www.nitt.edu](http://www.nitt.edu)

Phone : 0431 - 2503761

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**COVER – B (SPECIMEN)**  
**OFFER AGAINST TENDER NOTIFICATION NO.LIB01/Jun/2016**  
**(FINANCIAL BID LIB01 / RFID COMPONENTS)**

**LAST DATE : 31/08/2016 TIME : 3.00 P.M. OPENING DATE & TIME : WILL BE INTIMATED LATER**

**DO NOT OPEN THE COVER**

FROM  
<< COMPANY NAME >>  
<< ADDRESS1 >>  
<< ADDRESS2 >>  
<< ADDRESS3 >>  
<< CITY >>  
<< PIN >>  
<< TELEPHONE >>  
<< CELL >>  
<< EMAIL >>

**TO**  
**THE DIRECTOR**  
**ATTN: LIBRARIAN, CENTRAL LIBRARY**  
**NATIONAL INSTITUTE OF TECHNOLOGY**  
**TIRUCHIRAPPALLI – 620 015**  
**TAMIL NADU, INDIA**

**THIS COVER SHOULD BE SEALED AND INSERTED IN MASTER COVER**



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**Item No. Lib01/RFID Component**

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**ANNEXURE - II**

**FINANCIAL BID (PRICE BID) RFID Components**

**FIRM'S NAME & ADDRESS:**

**FIRM'S REF:**

**DATE :**

S. No.	Item	Unit Cost			Quantity	Total Cost (All Inclusive)
		Basic Cost	Taxes/Levies etc. (Please specify)	Total Unit Cost		
1.						
2.						
3.						
4.						
5.						
6.						
<b>Total Cost</b>						

**Note:**

1. NIT-T may opt for RFID Library Security Systems with buy back Option
2. After review of the Technical Proposal, promising Vendors will be selected and asked to give a live demonstration of their quoted product at NIT-Trichy.
3. After seeing the live demonstration, the purchase committee will proceed further.

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**

**THIS FORM SHOULD BE PUT IT IN COVER-B**

Name and signature of bidder with office seal



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**Tender Notification No. Lib01/July 2016  
Item No. Lib01/RFID Components**

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**ANNEXURE – III**

**PERFORMANCE STATEMENT OF LAST 3 YEARS**

S. No.	Item	Purchaser	Order Details	Order Price	Delivered in <b>time or not</b>	If not please specify the reason	Attach satisfactory working report from each office (Yes/No)



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

**FIRM'S NAME AND ADDRESS:**

**FIRM'S REF:**

**DATE:**

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



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... Contd.

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

**FIRM'S NAME AND ADDRESS:**

**FIRM'S REF:**

**DATE:**

<b>Sl.No.</b>	<b>Description</b>	<b>Firm's Details</b>	
n)	Payment mode through Telegraphic Transfer if the order value is less than US\$10,000	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>
n)	Payment mode through Letter of Credit at sight on acceptance if the order value is more than US\$10,001	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <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		

**THIS FORM SHOULD BE PUT IT IN MASTER COVER**

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**



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**Item No. Lib01/RFID Component**

Web : www.nitt.edu

Phone : 0431 - 2503761

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

**Last Date for receipt of tender at NIT-T: 31.08.2016 at 3.00 p.m.**

**Opening Date: 31/08/2016 at 3.30 p.m.**

**CHECKLIST TO BE FILLED IN BY BIDDER**

List of documents to be enclosed	Completed & Signed	To be submitted in
1. Terms and Conditions form	YES / NO	MASTER COVER
2. Details of the Firm offering this Quote	YES / NO	MASTER COVER
3. NIT-T's Technical Bid	YES / NO	COVER-A in a Separate Cover
4. NIT-T's Financial Bid for RFID Library Security Systems (Price Bid)	YES / NO	COVER-B in a Separate Cover
5. Currency Form(quoted on behalf of the foreign suppliers)	YES / NO	MASTER COVER
6. Other technical specifications & pamphlets	YES / NO	MASTER COVER

**SEAL OF THE BIDDER**

**SIGNATURE WITH DATE**

<b>FOR NIT-T USE ONLY</b>	
Name of the Vendor Address (Location):	
1. <b>Master Cover Properly Sealed Envelope</b>	YES / NO
2. Terms and Conditions form duly signed	YES / NO
3. Details of the Firm offering this Quote duly filled and signed	YES / NO
4. Sealed envelope <b>COVER – A</b> NIT-T's Technical Bids dully filled in the NITT's form and signed	YES / NO
5. Sealed envelope <b>COVER – B</b> [which should contain NIT-T's Financial Bid for RFID Library Security Systems (Price Bid)]	YES / NO
6. Currency Form duly filled in and signed (quoted on behalf of the foreign suppliers)	YES / NO
7. Other technical specifications & pamphlets	YES / NO [in a separate sealed cover]
8. No. of enclosures	
9. Status of tender	<b>Accepted for evaluation / Rejected</b>
	REGISTRAR

**THIS FORM SHOULD BE PUT IT IN MASTER COVER**

**SIGNATURE WITH DATE**

**SEAL OF THE FIRM**