



TENDER DOCUMENTS

RFID Solution

NUTECH/SCM/RFID Solution-2019/TD-071

NATIONAL UNIVERSITY OF TECHNOLOGY

TENDER NOTICE

**National University of Technology (NUTECH)
NUTECH/SCM/RFID Solution -2019/TD-071**

NUTECH/SCM/RFID SOLUTION-2019/TD-026 stands cancelled

Sealed bids are invited from Government / FBR Registered Firms for the procurement of RFID Solution for NUTECH Library.

1. Tender documents containing terms & conditions and detailed specifications of items can be downloaded from NUTECH website "<https://nutech.edu.pk/d-p.php>" w.e.f **23 May 2019**.
2. Quotations shall be submitted as per requirement of the tender documents.
3. Bidders will be required to submit bank draft/PO equal to 5% of quoted value as Bid Bond in favor of National University of Technology (NUTECH).
4. Sealed bids with detailed specification should reach on the following address latest by **0930 hours on 10 June 2019**. Late submission will not be entertained.
5. Bids will be opened at **1000 hours on 10 June 2019** at SCM Office.
6. Project is to be completed in 30 days from the date of award of contract.
7. Submit Rs 1500/-as Tender fee in favour of NUTECH HBL account: **NUTECH Tendering and contracts, 5037-7000210755**.Please attach bank receipt with technical offer. Offers will not be entertained without payment of processing fee.

**Deputy Director (Supply Chain Management Office)
NATIONAL UNIVERSITY OF TECHNOLOGY (NUTECH) UPROAD,SECI-12,
ISLAMABAD
Tel: 0092-51-5476768, Ext :178**



NATIONAL UNIVERSITY OF TECHNOLOGY

SUPPLY CHAIN MANAGEMENT OFFICE

INVITATION TO TENDER

Submission Date/Time 10 June 2019 at 0930 hours

1. NUTECH desires to procure the list of item(s)/Store(s) as per **Annexure-A**. Interested bidders are requested to send their bids through courier or deliver at NUTECH under two separate sealed envelopes (placed together in third envelope), marked clearly, "**Technical Offer**" and "**Commercial Offer**", respectively to the undersigned, latest by or before above mentioned due date. If due to any unforeseen circumstances, NUTECH establishment remains closed, then the last date of submission will be extended to next working day.
2. Please also note that Technical Offer should contain Annexes-A & B duly filled in (supported with relevant technical literature /details/ catalogues etc) and receipt of tender processing fee. Commercial Offer will contain Annexure- C and bid bond. Please ensure no space is left blank in the annexes.
3. Following must be noted for this IT (Invitation to Tender):-
 - a. 2 x copies of technical offer are to be provided.
 - b. Annexes A, B and C must be signed and stamped, Attach only relevant documents.
 - c. Please complete all document as per given format. Do not use any other format or letter head. Offer may be rejected if given format is not followed.
 - d. Validity of offer will be 90 days.
 - e. Delivery period will be 30 days after the date of award of contract.
 - f. Tender(s) must be accompanied with a Bid Bond in agreement of faithful compliance of the conditions of Contract/Purchase Order. This amount will be equivalent to 5% of the total quoted value. In case of non-acceptance of any offer, the Bid Bond will be returned to the bidder by fastest possible means. The Bid Bond amount submitted by the successful bidder will however, be refunded on effective termination of Contract/ Purchase Order. (The Bid Bond will be forfeited in case of default by the bidder from his commitments made through his offer). Submission of Bid Bond is mandatory, otherwise your offer will be rejected.
 - g. Warranty period is mentioned in special instructions.
 - h. Rates should be quoted on Free Delivery basis at NUTECH Islamabad.

4. We reserve the rights to accept or reject any or all tenders as a whole or in part without assigning any reason whatsoever. The decision in this regard will be firm, final and binding on all bidders.

DD (Supply Chain Management)



NATIONAL UNIVERSITY OF TECHNOLOGY

SUPPLY CHAIN MANGEMENT OFFICE

TECHNICAL OFFER

Annex A

User Reference No **RFID Solution-002** Date: **02-05-2019**

Technical Specification

Ser	Part No	Item	Specification	A/U	Country of Origin	Qty Req	Bidder Compliance			Tech Scrutiny to be done by user	
							Yes	No	Alternate Offer	Accepted	Rejected
										Reason of Rejection	
1.		RFID Tagging Station	<ul style="list-style-type: none"> RFID staff workstation will have Biometric (Optional) and RFID card registration and circulation of books. Staff workstation will have the facility to (Read/Write) RFID tags. Staff workstation will have the facility of Biometric (optional) and RFID Technology for patron's registration and identification at the time of Circulation. Will provide staff with a fast and efficient solution to program and verify RFID tags Staff workstation will have the facility to Activate/De-Activate RFID tags. <p>Will be integrated with Library Management System (including KOHA as well).</p>	No's	USA / European	1					
2.		RFID Tags	<ul style="list-style-type: none"> All Library books/media will be tagged with RFID tags. RFID tags will be integrated with circulation module of 		USA / European	10,000					

			<p>Library Management System (including KOHA as well), so that all information regarding the book availability is automatically updated in Library Management System (including KOHA as well).</p> <ul style="list-style-type: none"> Furthermore, the RFID tag shall store information regarding the catalog, so that the book /shelf management becomes easy for library staff. 						
3.		RFID Self-check in/out Kiosk	<ul style="list-style-type: none"> Issue/Return Kiosk should support Biometric (optional) and RFID cards for book Issue/Return and for user authentication. Will have projective capacitive touchscreen. Receipt printer for receipt on book issue / return with auto-emailed electronic receipt or linked with SMS service (or linked with both e-mail and SMS). Fully Integrated with Library Management Software (including KOHA as well). Configuration and reporting should be made available in real time. Must be available in a variety of custom colors to match library atmosphere. <p>Optional Feature: With book bin and trolley for self-return books.</p>		USA / European	1			
4.		RFID Library Mgmt and Anti Book Theft Gates (2 pairs)	<ul style="list-style-type: none"> RFID Anti-Theft Gate will use latest technology, and will be able to detect all tags regardless of the orientation 		USA / European	4 (2 pairs)			

			<p>within the gates, offering the highest level of detection, even in the noisiest of environment.</p> <ul style="list-style-type: none"> • Will detect RFID tags in any case. • Free from false alarm. • Will have bi-directional visitors counter wherein accurately counts the number of people entering and leaving the library. • Will have monitoring software with different web based or software based reports that is SMS and Email Alert while passage of unissued book and with LOG backup through software and database. <p>With visual and audible Alarm system wherein Staff should be able to easily change the alarm colors and sounds.</p>							
5.		RFID Drop Box	<ul style="list-style-type: none"> • RFID Book Drop Box Kiosk standard equipment will have touch screen, depressible book bin. • Will have patron return confirmation via physical paper receipt and auto-emailed electronic receipt or linked with SMS service (or both). • Fully Integrated with Library Management Software (including KOHA as well). <p>Configuration and reporting should be made available in real time.</p>		USA / European	1				
6.		RFID Handheld Shelf Reader	<ul style="list-style-type: none"> • Will have shelf reading, shelving, sorting, searching, weeding, listing, counting, exception finding and inventorying capabilities. 		USA / European	1				

			<ul style="list-style-type: none"> • Will process barcode and RFID items. • Will allow staff to easily read data and collect information. • Must be single unit with touch screen , OS and have direct connection with Library management System (including KOHA as well). • Fully Integrated with Library Management Software (including KOHA as well) and produce different reports as per need. 							
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TERMS AND CONDITIONS

RFID SOLUTION FOR NUTECH LIBRARY

1. Only authorized dealer, registered reseller & partner for Active equipment, Computers / Printer can participate (documentary proof is mandatory).
2. Authorized dealer, partner for all Items to be quoted.
3. Company must be ISO certified to ensure customer support and services.
4. Company must have an office in (Rawalpindi/Islamabad) or in any provincial capital.
5. Company must have 03 installations in Pakistan of same Brand (documentary proof with successful project completion report/customer satisfactory report from awarding authorities is required).
6. The Selected Bidder will be responsible for the supply, installation, integration testing and commissioning of all equipment and components at NUTECH designated sites within the time limit mentioned in supply order.
7. Supplier will provide training and orientation to the related staff free of cost. Supplier will provide a set of handouts for training on operation and maintenance of the equipment.

8. NUTECH reserves the right to (i) change the required quantity while placing purchase order or reject any bid or procurement process, (iii) make clarifications etcetera, any time, as per rules.
9. In case the stores are not supplied according to the specifications mentioned in the contract, the same will be replaced by the firm at its own cost.
10. In case of premature failure of the equipment, OEM has to replace / rectify the item free of cost. Required transportation charges would be borne by the supplier.
11. Supplier shall certify that equipment supplied is of latest technology, brand new and strictly according to schedule of the supply order which has been invoiced; the onus for any deviation will be the responsibility of the supplier.
12. The successful bidder must provide OEM and comprehensive solution warranty services upto 2-3 Years. Software upgrade support must be provided free of cost for 3 years.
13. Technical scrutiny will be based on O.E.M brochures (Company Brochures will not be acceptable). Local vendor warranty will not be acceptable.
14. Any site preparation will be informed well in time to NUTECH
15. Purchase documents will be required for the authorized source of procurement and only OEM standard with Warranty/Guarantee will be accepted, Original source will be verified.
16. Contract will be awarded in package deal basis.
17. Income Tax Certificate / GST Certificate.
18. 5% Performance bond is required from successful bidder in the shape of Bank Guarantee. Bank guarantee will be released after completion of warranty service.
19. All estimated prices quoted, are inclusive of Taxes.
20. Bid(s) shall be rejected if required detail (where applicable) of specifications are not fulfilled.
21. Bid(s) shall be rejected if the rate(s) are unclear, incomplete, ambiguous or conditional. Multiple quotes are not allowed.
22. All payments shall be made in local currency after delivery, inspection and acceptance.
23. Penalty for delay will be mentioned in contract agreement as per PAPRA.
24. Right to purchase at Risk-and-Expense of Supplier, if the selected supplier: (i) fails to complete the order, or (ii) delays to supply within the delivery time quoted or extended time given by Purchaser, or (iii) supplies sub-standard items, or (iv) supplies low quality

items, then NUTECH reserves the right to (i) purchase single, all or un-supplied quantity of item(s), as the case may be, at supplier's Risk-and-Expense (ii) forfeit Earnest Money and resort to administrative actions, etc.

25. Representatives' of bidders are allowed to witness opening of tenders, without conferring any privilege.

26. Contract Agreement shall be signed with successful bidder(s) as per NUTECH policy. The provision of stamp paper shall be the responsibility of firm which shall be delivered within 3 days of issuance of PO.

27. Late submission of tender documents will not be entertained.

28. In case of dispute, case shall be reviewed by 'NUTECH redressal of grievance committee and decision of NUTECH shall be final and binding on both parties, without recourse to legal action.

Firm Name_____
Signature_____
Name_____
Designation_____



NATIONAL UNIVERSITY OF TECHNOLOGY
SUPPLY CHAIN MANAGEMENT OFFICE

TECHNICAL OFFER

Annex B

User Reference No **RFID Solution-002** Date: **02-05-2019**

Please fill in the following essential parameters:

1. Validity of Offer: _____ Days (Should not be less than 90 days)
2. Delivery Period: _____ Days (After Placement of order)
3. Country of Origin: _____
4. Warranty/Guarantee: _____ Months from the date of final acceptance of the stores.

General

GST No: _____ (Please enclose copy)

NTN/CNIC: _____ (if exempted, please provide valid exemption certificate)

Payment Terms: (Mandatory to mention) (Please tick/ mention the desired payment term/ mode)

1. 50 % advance payment (Against valid bank Guarantee)
2. 50% Payment after delivery, installation /commissioning, user satisfaction certificate

Details of Payment Recipient

(1) Name/Title: _____

(2) Address: _____

Signature: _____

Official Seal: _____

Name: _____

Designation: _____



NATIONAL UNIVERSITY OF TECHNOLOGY
SUPPLY CHAIN MANAGEMENT OFFICE

FINANCIAL OFFER

Annex C

User Reference No **RFID Solution -002** Date: **02-05-2019**

Ser	Part No	Item	Description	A/U	Qty Req	Unit Price (Rs) (excluding GST)	GST (if applicable)	Gross Unit Price (Including all taxes/custom duty)	Gross Total Amount of Total Qty (Rs)
1.		RFID Tagging Station	<ul style="list-style-type: none"> RFID staff workstation will have Biometric (Optional) and RFID card registration and circulation of books. Staff workstation will have the facility to (Read/Write) RFID tags. Staff workstation will have the facility of Biometric (optional) and RFID Technology for patron's registration and identification at the time of Circulation. Will provide staff with a fast and efficient solution to program and verify RFID tags Staff workstation will have the facility to Activate/De-Activate RFID tags. <p>Will be integrated with Library Management System (including KOHA as well).</p>	No's	1				
2.		RFID Tags	<ul style="list-style-type: none"> All Library books/media will be tagged with RFID tags. RFID tags will be integrated with circulation module of Library Management System (including KOHA as well), so that all information regarding the book availability is automatically updated in Library Management System (including KOHA as well). Furthermore, the RFID tag shall store information regarding the catalog, so that 		10,000				

			the book /shelf management becomes easy for library staff.						
3.		RFID Self-check in/out Kiosk	<ul style="list-style-type: none"> • Issue/Return Kiosk should support Biometric (optional) and RFID cards for book Issue/Return and for user authentication. • Will have projective capacitive touchscreen. • Receipt printer for receipt on book issue / return with auto-emailed electronic receipt or linked with SMS service (or linked with both e-mail and SMS). • Fully Integrated with Library Management Software (including KOHA as well). • Configuration and reporting should be made available in real time. • Must be available in a variety of custom colors to match library atmosphere. <p>Optional Feature: With book bin and trolley for self-return books.</p>		1				
4.		RFID Library Mgmt and Anti Book Theft Gates (2 pairs)	<ul style="list-style-type: none"> • RFID Anti-Theft Gate will use latest technology, and will be able to detect all tags regardless of the orientation within the gates, offering the highest level of detection, even in the nosiest of environment. • Will detect RFID tags in any case. • Free from false alarm. • Will have bi-directional visitors counter wherein accurately counts the number of people entering and leaving the library. • Will have monitoring software with different web based or software based reports that is SMS and Email Alert while passage of unissued book and with LOG backup through software and database. <p>With visual and audible Alarm system wherein Staff should be able to easily change the alarm colors and sounds.</p>		4 (2 pairs)				
5.		RFID Drop Box	<ul style="list-style-type: none"> • RFID Book Drop Box Kiosk standard equipment will have touch screen, 		1				

			depressible book bin. <ul style="list-style-type: none"> • Will have patron return confirmation via physical paper receipt and auto-emailed electronic receipt or linked with SMS service (or both). • Fully Integrated with Library Management Software (including KOHA as well). Configuration and reporting should be made available in real time.						
6.		RFID Handheld Shelf Reader	<ul style="list-style-type: none"> • Will have shelf reading, shelving, sorting, searching, weeding, listing, counting, exception finding and inventorying capabilities. • Will process barcode and RFID items. • Will allow staff to easily read data and collect information. • Must be single unit with touch screen , OS and have direct connection with Library management System (including KOHA as well). • Fully Integrated with Library Management Software (including KOHA as well) and produce different reports as per need. 		1				
TOTAL									

Bid Bond Ref_____

Total Value_____

(Bid Bond be attached with Annex C. Copy of Bid Bond be attached with

Technical offer without showing its value) . Exposure of bid bond will result in rejection of technical offer

Firm Name_____
Signature_____
Name_____
Designation_____