ANAND AGRICULTURAL UNIVERSITY

ANAND

E-TENDER DOCUMENT

PROVIDING SERVICES FOR IMPLEMENTING RFID SYSTEM IN LIBRARY WITH KOHA INTEGRATION

University Librarian
Dr. M D Patel Regional e-Library
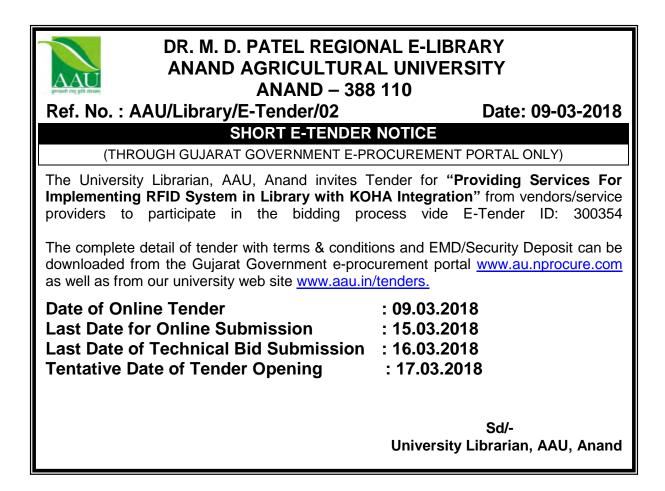**AAU, ANAND**

FOR MORE DETAILS

http://www.aau.in/tenders

INDEX

E-TENDER

PROVIDING SERVICES FOR IMPLEMENTING RFID SYSTEM IN LIBRARY WITH KOHA INTEGRATION

ANAND AGRICULTURAL UNIVERSITY
ANAND

DR. M. D. PATEL REGIONAL E-LIBRARY
ANAND AGRICULTURAL UNIVERSITY
ANAND – 388 110

Ref. No. : AAU/Library/E-Tender/02   **Date: 09-03-2018**

SHORT E-TENDER NOTICE
(THROUGH GUJARAT GOVERNMENT E-PROCUREMENT PORTAL ONLY)

The University Librarian, AAU, Anand invites Tender for **"Providing Services For Implementing RFID System in Library with KOHA Integration"** from vendors/service providers to participate in the bidding process vide E-Tender ID: 300354

The complete detail of tender with terms & conditions and EMD/Security Deposit can be downloaded from the Gujarat Government e-procurement portal www.au.nprocure.com as well as from our university web site www.aau.in/tenders.

Date of Online Tender : 09.03.2018
Last Date for Online Submission : 15.03.2018
Last Date of Technical Bid Submission : 16.03.2018
Tentative Date of Tender Opening : 17.03.2018

Sd/-
University Librarian, AAU, Anand

Instructions for filling of E-Tender

The University Librarian, AAU, Anand invites E-Tender for "**Providing Services For Implementing RFID System in Library with KOHA Integration**". The details in this regard are given below.

No	Name of Work	Estimated Cost (Rs.)	Tender Fee (Rs.)	EMD (Rs.)
1	2	3	4	5
1	**Providing Services For Implementing RFID System in Library with KOHA Integration**	16.00 lakhs	1,500.00	48,000.00

1. **Procedure to submit the tender:**
   The vendors should provide one sealed envelope as given below:-

Envelop No.1 (Technical Bid):

Tender Supporting Documents

Sr. No.	Document/Certificate	Attached Yes/No	Page No.
1.*	DD for tender fee **Rs. 1500**(One Thousand Five Hundred) Non-refundable.		
2.*	DD for EMD of **Rs. 48,000**(Forty Eight Thousand) Refundable.		
3.	Registration certification under shop Act or company Act.(With update renewal)		
4.	GST registration certificate		
5.	Vendor's Profile / Company details		
6.	Specification Supporting Documents with catalog		
7.	Latest Three Income Tax Annual returns/CA certificate.		
8.	Bidder's declaration(page no. 8) for acceptance of Terms & Condition of the tender.		
9.	Minimum Technical Specification sheet		
10.	The copies of work orders executed successfully during last two years.		

* Separate DD for Tender fee and EMD are drawn in favour of "AAU Fund Account" payable at Anand.

Financial Bid :-

Submitted by Vendor/Service provider in the form of **BOQ** excel sheet given online.

Specifications

#	Item Name	Item Specification	Qty
1	**RFID Security Gate**	**Minimum Specifications** Security Gates - antenna System (1 aisle), with a customer counting, which will enable you to monitor the patrons coming in and leaving your library. Customer Counter with Reader (HF Gate Reader and HF Antenna)	**1**
		The Security gates should be transparent giving glass like finish. The transparent material should be with min 25 years warranty against yellowing.	
		Security gate requires two theft detection pedestals, each pedestal contains 2 separate antennas for large detection field range of 1.05 meter (minimum) between two pedestals, which are interdependent of each other and also have an over lapping protection zones providing additional security.	
		Have provision for Lights and buzzer and customer counter with facility to also identify item.	
		The proposed system must provide item security even when the Library Management System or network is off-line or not functioning.	
		Tags with anti-theft or security that are "on" will immediately trigger an alarm	
		When AFI alarm is used, should have the functionality to store details of items triggering alarm so that the library knows which items have left the premises without proper issue/ check out. The Items causing alarm along with details should also be able to be viewed on any computer	
		Online statistics for Customer Counting	
		Has 2 relais with switching 24V/2A contacts suitable I/O ports for Standard electronic counter, web cam, trigger, CCTV, Locking gates, etc.	
		It should be possible to view customer counter on any computer	

Specifications	
Parameter	**Technical Specs**
Chip Compatibility	ISO15693 (ISO 18000-3-Mode 1), NXP Icode SL1, SLI
	SLIX SLIS SLIXS
Detection Range	minimum 1. 05 meter between two pedestals,
Communication ports	USB/UTP
Certifications	CE/ FCC

		Minimum Specifications The Staff Station with Antenna is a multi-purpose solution for reading / programming RFID library items on 13.56 MHz.	
2	**RFID Staff Station**	The reader and antenna are both based on the 50Ω standard, which allows for standardized communications. Also this means that the length of the cable between the antenna and the reader can be altered.	**2**
		The standard Staff Station consists of an RFID-reader and an antenna, which can be placed on top or can be mounted under a table.	
		The reader can be connected to existing hardware (PC) and/or Library Management Systems over an USB or LAN connection.	
		The product allows for a short-range shielded detection field, and can be used as a desktop solution or can be mounted under a (non-metal) table.	
		The Staff station should do Check in/out operations on LMS's circulation page with having facility of Check in/out multiple book at a time and this should be demonstrated during presentation. The staff station to be connected with existing PC and LMS without SIP2 or NCIP. This is to ensure that Security on/off or programming of tags should function even when LMS is under maintenance.	
		The staff station should allow programming of the tags for single accession number and for appendices i.e. with the accession number and parts of appendices i.e. 1 /2, 2/2 etc. This would need to be demonstrated.	

Specifications	
Parameter	**Technical Specs**
Operating Frequency	13.56 MHz
Maximal power	1W
Operating temperature	+0 / +40 ˚C
Length power cable	1,5m
Working voltage	DC: 12V
Supply voltage	AC: 100V-230V, 50/60HZ
Storage temperature	-10 / +55 ˚C
EAS-function	Yes, based on EAS-bits and/or AFI
Power consumption	Max. 5 Watt
Identifies	ISO 15693 / ISO 18000-3.1
Dimensions (mm)	140 x 105 x 29 (l x w x h)
	Antenna:. 348 x 255 x 20 (l x w x h)
Communication Ports	USB/UTP
IP Address	Static/DHCP

3	**RFID Tags (for BOOK)**	**Minimum Specifications** RFID Tag has a read / writes memory in combination with an anti-theft function.		70000
		The Tag is applied to a library item, like a book.		
		In the Tag's memory the unique identifier of the item is written e.g. the accession number		
		Specifications		
		Parameter	**Technical Specs**	
		Operating Frequency	13.56MHz	
		Dimensions	80 x 50 (LxW) (+/- 10% deviation)	
		Memory	1024 bits	
		EAS-function	Using EAS Bits or AFI	
4	**Self Check in/ Out Unit**	**Minimum Specifications** RFID enabled self-check in/out counter for patrons to perform check out/in functions with Mifare cards.		1
		Long range RFID Reader and Antenna with multiple Read/Write facility.		
		Suit the library décor.		
		Integrated high speed Thermal Kiosk Printer, LCD Touch Screen Monitor.		
		The Self Checkout station client software should interface with Library Software giving features like, Check out / Check in / Renewal, Transaction Printout. Option to customize for display of university detail.		
		Branded Industrial Computer, small form factor without Hard disk drive and with Solid State Disk Drive		
		The design should be Wheel Chair compliant so that patrons on Wheel Chair are able to use the self-check without problems.		
		Certifications required: CE/EMC/ UL/FCC		
		Should integrate with KOHA using SIP 2 / NCIP		
		The connection should be through NCIP/SIP2		
		Self check in/out kiosk should support minimum 4 languages the languages should be English, Hindi, Marathi, Urdu with facility to change the language on the screen using simple touch by user.		
		Should be user friendly for physically challenged patrons, these patrons should use it while seating on wheel chair. The unit should be compliant to internationally accepted standards for use by disables.		
		The Self check in/out should be able to provide our patrons with check-in and checkout solutions.		
		Specifications		
		Parameter	**Technical Specs**	
		Frequency	13.56MHz	
		Maximal power	1W	

		EAS-function	Yes, based on EAS-bits and/or AFI	
		Operating System	Windows 8 or higher embedded with Self Service software	
		Communication ports	4x USB 1x COM-port 1x UTP Ethernet Max.	
		Identifies	ISO 15963 / ISO 1800-3.1	
		Function	Item handling by staff or patrons; check-in /check-out/ renewal	
		Customization	The Self Check-in/out should have the facility to be customized by the university for any or all functionality like Only Check Out/ Only Check in.	
		Computer	Should be an Industrial Computer without any Hard disk Drive and built with Solid State Drive only.	
		Monitor	15" LCD/LED Desktop Touch monitor.Digital on-screen display (OSD) and controls on the side with lock-out function. The Monitor should have standard 3 years warranty from the manufacturer of the Monitor.	
5	**Tagging Job Work**	**Minimum Specifications** Job work of tagging the Books & other material.		70000
		The accession number entered in the tag should be in international standards like Danish/NBD/ISO 28560 format. UID mapping of the tags strictly not acceptable.		

Standard Conditions

1. **A bid will be declared L1 on the basis of total lowest procurement value considering the lowest sum total of rates of all items (item no. 1 to 5).** However, the institute's committee reserves the right to select any bid under the grounds of specification compliance, technologically advanced quality, proven track record, brand reputation, service back up support, offer of additional/special feature compatibility with existing system, training.

2. RFID vendor must have minimum 3 live sites (preferred IITs/IISERs/IISc/NITs/Central Universities/higher academic institutions etc.) where proposed RFID System integration with KOHA Library Management Software is in operation at least for last 2 years. Provide certificates from sites.

3. The Bidder shall explicitly mention the applicable rate of tax.

4. If required in future, for RFID Tags – for Book, the Successful bidder has to supply the additional quantity on the same rates to purchasing department during the period of warranty of 1 year.

5. 12 months onsite comprehensive warranty after installation.

6. During warranty period the system should be repaired and/or replaced free of cost on site.

7. In future university is free to use any other vendor's RFID equipments with above mentioned Standards

8. University would like to have demonstration of RFID system at Anand-Gujarat campus, the demonstration should include Security Gate, Staff Station, Self Check in/check out machine.

9. The bidders are expected to provide the make and model of the quoted items. Any wrong information provided would lead to instant disqualification and University would initiate blacklisting process for the bidder.

10. The bidder must have Minimum Turnover since last three years of Rs.50 lakhs.

11. The bidder needs to consider all items while submitting the tender. In case the bidder does not quote any of the items then the bidder will be disqualified.

12. The RFID equipment should support both protocols like SIP2 and NCIP. The Bidder will be fully responsible for standard integration using SIP2 and NCIP protocol with LMS and the performance of all components of the RFID equipments and materials being supplied and installed and any malfunction/defective materials should be replaced free of cost during the warranty period.

13. If any middle ware is used to connect the RFID system to ILMS, this should be user installable and configurable. This would need to be demonstrated and training should be imparted for the same. The middle ware should not modify the ILMS database. Any up-gradation of ILMS

should not require any changes in the Middle ware and Library should be free to update its ILMS as and when upgrades are available without any effect on RFID.

14. In case of foreign manufacturer the Indian distributor needs to provide an undertaking that none of its Directors / Owners has not been prosecuted for bribery or any criminal proceedings in India or anywhere in the world, In case the Indian company is owned partly or wholly by any foreign company this undertaking needs to be given for such holding company directors also.

15. It should be possible to install the software / Middleware for tagging on any number of computers or laptops. The tagging process should be independent and we should be able to install the software on laptop/s to take the RFID station and laptop to stack area for ease of tagging.

16. If any middle ware is used it should have separate servers for all the equipments to ensure there is no single point of failure.

17. The programmed accession number would need to be the same as the item accession number and this needs to be demonstrated on notepad / excel or word.

18. RFID Staff Station should operate on KOHA/ILMS as interface for Check-in/ Checkout/Renewal as front end and RFID application as back end. No new GUI/ interface should be there.

19. The programming of accession number needs to be done in any open international standards like Danish, NBD etc.

20. The total system should be supplied installed and commissioned within 8 weeks of the supply order.

21. Valid Customs exemption certificate under 51/96 shall be provided by the University and hence the rate quoted should take this into account.

22. All the Software and hardware of RFID should be from a single manufacturer only.

General Terms & Conditions

1. Separate DD for Tender form fee and EMD are drawn in favour of "AAU Fund Account" payable at Anand.
2. Bidder should have valid Digital Signature Certificate(DSC) obtained from any Certifying Authorities.
3. The Financial offers shall be submitted online as per the schedule.
4. The Bidders are strictly advised to follow the dates and times allocated to each stage. As indicated in the time schedule, all the online activities are time tracked and the Electronic Tendering System enforces time-locks that ensure that no activity or transaction can take place outside the Start and End Dates and Time of the stage as defined in the tender schedule.
5. University reserves the right for any change in the schedule.
6. The university reserves the right to decide whether to open or not open the commercial Bid of the supplier and no objection of any bidder shall be entertained on any ground whatsoever it may be regarding this.
7. No Bidder shall be accepted without payment of earnest money deposit(EMD) and cost of tender.
8. The rate should be offered for only the item/service as mentioned in the schedule(BOQ).
9. The rate quoted by the bidder should be inclusive of all the taxes, duties, shipment, CIF, Cargo, packing, LBT/Octroi, Installation & Commissioning, Insurance, transportation, Warranty, loading & unloading charges should be expressed in the rate accompanied in schedule(BOQ).
10. **Type of currency in price bid** : Currency Prices shall be quoted in **Indian Rupees only** (n-procure)
11. **Mode of Selection:-** The Technical bids are to be opened at the first instance and evaluated by a committee. At the second stage, financial bid (n-Procure) of only bidders who fulfill all the criteria of Technical bid will be opened.
12. The rates quoted for the items/services other than make & specification specified in the tender form shall not be considered for comparison of rate.
13. The university is not bind to accept lowest tenders and reserves the right to accept/cancel any or all tenders without assigning any reason.
14. The successful bidder has to submit 5% security deposit of purchase order amount for one year in the form of Fixed Deposit Receipt(FDR) or Demand Draft(DD) in favour of "AAU Fund Account" at the time of receiving purchase order. The security deposit shall be forfeited if
    i. Successful bidder fails to complete the work in given time.
    ii. Successful bidder fails to provide after sales service.
15. The conditional tenders shall not be accepted.
16. The income tax/TDS as per rules and surcharges thereon shall be deducted from bill amount, advance payment.
17. In case of imported instruments, suppliers will have to clear the consignment; will have to

pay custom duty clearance charges. Custom duty exemption certificate (Registration with DSIR) only will be provided.

18. All the statutory payments on account of license fees, charges etc. payable to municipal/government authority shall be the responsibility of the bidder.

19. The rate quoted by the bidder should be valid up to 180 days from the date of submitting the tender.

20. Bidders will not be allowed for outsourcing/sub-tendering. Bidders should do said work onsite.

21. Extension of tender, Corrigendum or change in schedule will not be published in newspaper. It will be published at **www.aau.in** website only.

22. All rights are reserved with the University Librarian, AAU to accept or reject any or all the bidders received without assigning any reason thereof.

23. 100 percent payment shall be made in Indian rupees only after the completion of work as per the rate and terms and condition. No advance or partial payment or payment through the bank will be entertained.

24. In case of any dispute, it will be addressed subject to Anand district jurisdiction only.

25. The F.O.R. prices (Anand Agricultural University) should be mentioned

26. Should provide 1 year warranty from the date of installation OR as per the general condition given in the specification of the equipment.

27. Should make minimum 10 runs (5 samples in duplicates) on site with customer samples and show all the claims made in the catalog without discrepancy.

28. If required, user should be allowed to analyze the sample at vendor's site before the purchase of the instrument to conform the claims made in the catalogue.

29. The manufacturers shall have to stick to their quality standards while supplying thegoods. Goods supplied shall be rejected if found of inferior quality.

30. On scrutiny of tender documents, any queries raised by the committee have to be replied satisfactorily with all documentary proofs within 7 days.

31. Installation of the machine will have to be made within 6 weeks of supply.

32. Payment shall be made only after satisfactory installation and demonstration (indigenous equipments).

33. For authorized dealer, the instrument specification must be on manufacture's latter head/catalog. specification on dealer latter head will not be consider during technical comparison.

34. Vendor giving wrong information on specification will be black listed for the period of five years.

35. In case of defective items, the same shall have to be replaced by the party concerned at its own cost, and risk, and within stipulated time.

36. Being an education institution we are eligible for exemption of excise duty / custom duty. Hence, rates should be quoted keeping that in mind.

37. Number of items to be purchased may be varied according to requirement.

<div align="center">

BIDDER'S DECLARATION

E-TENDER FOR PROVIDING SERVICES FOR IMPLEMENTING RFID SYSTEM IN LIBRARY WITH KOHA INTEGRATION

</div>

Tender No.:

I hereby certify that I have gone through all the information and Terms & Conditions of the tender booklet and I accept the same. For further correspondence I provide here under the address and contact details.

Tenderer/Name of Firm, Signature/ Seal

Name:

_____

_____

_____

_____

1. Name of proprietor and complete address   :
2. Telephone Numbers   :
3. Office   :
4. Residence   :
5. Mobile   :
6. Fax   :
7. Email   :

Signature / Seal of the Bidder

Contact below Nos.. If any Query

1) **Tender Enquiry** : **University Librarian**
   Dr. M. D. Patel Regional e-Library
   Anand Agricultural University
   Anand 388 110

   Contact Number : **(02692) 261571 (On working days)**