

**Office of the Dean Faculty  
Nanaji Deshmukh Veterinary Science University  
Jabalpur-482001**

## **Tender Document**

**Supply, Installation and Commissioning of  
RFID (Radio Frequency Identification) Management System for  
University Library**

**Cost of Tender Document: Rs. 1,000/-**

**EMD: Rs. 30,000/-**



**Nanaji Deshmukh Veterinary Science University  
South Civil lines  
Jabalpur (M.P.)- 482 001**

**Office of the Dean Faculty**  
**Nanaji Deshmukh Veterinary Science University, Jabalpur-482001**

**No. 189/Uni/Lib//2018**

**Dated: 26/12/2018**

**General Terms and Conditions for the Supply, Installation and Commissioning of RFID (Radio Frequency Identification) Management System for University Library are mentioned below:**

1. Sealed tenders are invited from the manufacturers/authorized dealers **for Supply, Installation and Commissioning of RFID (Radio Frequency Identification) Management System for University Library, NDVSU, Jabalpur.**
2. The price of the tender document is Rs.1000 (Rupees one thousand only) in the form of demand draft in favour of NDPCVV, Dean Faculty, Jabalpur which is non-refundable and has to be submitted along with the tender document.
3. The tender document can be downloaded from university website [www.ndvsu.org](http://www.ndvsu.org)
4. The last date for submission of duly filled tender document to the Dean Faculty/ Officer-in-charge University Library, Nanaji Deshmukh Veterinary Science University, South Civil lines, Jabalpur (M.P).-482001 only through speed post is **25/01/2019 at 5.00 pm**
5. The technical bids are to be opened at the first instance on **28/01/2019 at 11:00 am** and evaluated by competent committee or Authority. The financial bids of the technically qualified firms will be opened **31/01/2019 at 4:00 pm.**
6. The anticipated value of tender document is Rs. 15 lakh (Fifteen Lakhs) for Supply, Installation and Commissioning of RFID (Radio Frequency Identification) Management System for University Library, NDVSU, Jabalpur.. The amount can be increased or decreased.
7. The Bidder/OEM should have average annual turnover of Rs. 2 Crore (Minimum) in the last three financial years. The copies of Audited Accounts / Balance Sheet, Profit & Loss Account along with Income Tax Returns for the last three years shall be attached with the Tender.
8. The Bidder/OEM should have implemented RFID based library automation solution in at least 10 libraries having 20,000 or more books in each of the libraries across India. And all 10 libraries should be integrated with KOHA Library Management Software and should be RFID functional since last 3 or more years. Customer references and Purchase orders must be attached along with the Tender.
9. The bidder should have headquarter in India and is registered as a company in India as per Companies Act 1956 and should have been in operation for a period of at least 10 years as on date of submission of tender. The Certificate of Incorporation issued by the Registrar of Companies along with copies of the Memorandum and Articles of Association is to be submitted along with technical bid.
10. The Bidder should submit Certificate of Authorization from the Principal Manufacturing Company and self declaration in case of OEM Bidding to quote the Tender.
11. No person or firm shall submit more than one Tender for the same item. No offer should have more than one model quoted; in case of more than one alternate offer only the first option will only be considered.
12. It is mandatory to provide all the relevant information in **Annexure I.**

13. Broad-based specifications of equipment/ items/ systems/ works etc. are given in **Annexure II (Technical bid)**. The tenderer should also take note of the remarks, if any, given there in.. **Financial bid** is given in **Annexure-VI**.
14. The period of contract would be up to 31<sup>st</sup> March, 2019.
15. If offers for more than one item are clubbed together, tender will be rejected.
16. **Nanaji Deshmukh Veterinary Science University** reserves the right to extend the opening date of tender.
17. All the leaflets in the offer should be original marked with signature and seal of authorized person.
18. The bidder should be a manufacturer who must have manufactured, tested and supplied in India, the equipment similar to the type specified. Bids of bidders quoting as authorized representative of a manufacturer, meeting with the above requirements in full, can also be considered, provided.
  - a. The manufacturer furnishes a legally enforceable authorization in the prescribed form, assuming full warranty obligations for the goods offered.
  - b. The bidder, as authorized representative, has supplied, installed and satisfactorily commissioned and provided after sales service for equipment in India during the last 10 years.
19.
  - a. The rates quoted should be for single complete unit with F.O.R. delivery at University Library, NDVSU, Jabalpur. The rates quoted should be inclusive of packing and forwarding charges/ loading/ unloading/ handling charges/ freight/ full risk coverage insurance, etc. In case of imported goods all the expenses towards custom duty, clearing charges and transportation with insurance will be borne by the firm/ tenderer and they must quote the rates F.O.R, NDVSU, Jabalpur. The rate should be quoted in Indian Rupees only.
  - b. Custom duty and other levies, if any should be shown separately and the total price of each item should be worked out incorporating the same.
  - c. Other charges, if any, should be shown separately for each item and sub-item.
  - d. Prices for the main item and accessories should be given separately. This is necessary to work out prices of a desired configuration.
20. The tender should be accompanied by detailed printed technical literature with specifications, make and model number of each item and sub-item quoted in the tender. Specifications given in the offer must match to the website and/or authentic printed technical literature or better otherwise the offers shall be rejected.
21. All losses during transport will have to be borne by the bidders.
22. The bidders must provide original guarantee/ warranty on manufacturer's letter head for satisfactory functioning of the equipment/ system and free service, replacement of parts and supply of consumables during warranty period from the date of successful and satisfactory installation of the equipment/ system.
23. It is mandatory to quote the latest and improved model of said instrument for pesticide residue analysis. Quote should not be for refurbished instrument. Bidder must have installed five equipment in India. Bidder must also furnish the purchase details of the said equipment.
24. **Tender for Supply, Installation and Commissioning of RFID (Radio Frequency Identification) Management System. Sealed outer envelope must contain separately two sealed envelopes marked as 'A' technical bid and marked as 'B' commercial/financial bid. Envelope 'A' must contain a demand draft of Rs 1000 (Rupees one thousand) and a**

**Security Deposit of Rs. 30000/- (Thirty thousand) in the form of Fixed Deposit Receipt (FDR), is to be enclosed.**

**25. Warranty (36 Months Onsite Warranty including Spare Parts etc.)**

25.1 The bidder must provide **Three-years warranty** of the equipment. Minimum three-visit of service engineer is required per annum or as and when necessary. No expenditure (either for repairs and replacement of consumable and/or non-consumable parts and/or custom clearance) will be borne by us during warranty period, however required documents will be provided. All the supplied items should be covered under warranty period. Break down period should not exceed more than 15 days in any case.

25.2 The bidder must quote for three years Annual comprehensive warranty (including all spares and labour) from the date of completion of the satisfactory installation. The warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected

- No conditional warranty like mishandling, manufacturing defects, etc. will be acceptable.
- Comprehensive Warranty as well as Annual maintenance Charge (AMC) contract will be inclusive of all accessories and Turnkey work.
- Replacement and repair will be undertaken for the defective RFID Library Equipment for Central Library.
- Proper marking has to be made for all spares for identification like printing of installation and repair dates.

26. The Supplier shall warrant that the Goods supplied under this Contract are new, unused or the most recent, advance upgraded models and those they incorporate all recent improvements in design and materials. The Supplier shall further warrant that all Goods supplied under this Contract shall have no defect, arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in conditions prevailing in the country of consignee destination. The Purchaser/ consignee shall promptly notify the Supplier in writing of any claims arising under this warranty. "Upon receipt of such notice, the Supplier shall within 10 days repair or replace the defective goods or parts thereof, free of cost at the ultimate destination. The Supplier shall take over the replaced parts/ goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/ goods thereafter. In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/ replaced material shall be extended to a further period of **Thirty Six (36) months**.

**27. Training:**

On Site training to Library Technicians / Staff is to be provided by Principal / Indian Agents (if they have the requisite know-how) for operation and maintenance of RFID (Radio Frequency Identification) Management System for University Library to the satisfaction of the user department.

**28. Performance Security:**

The bidder have to submit a Performance Bank Guarantee within Fifteen Days ( 15) days from date of the issue of notification of award by the Purchaser/Consignee, the supplier, shall furnish performance security to the Purchaser/Consignee for an amount equal to Ten Percent (10%) of the total value of the contract, **valid up to Sixty (60) days from the date of**

**Completion of all contractual obligations by the supplier, including the warranty obligations initially valid for a period of minimum 38 months from the date of Notification of Award.** Purchaser reserves the right to ask for Performance Guarantee extension if contractual obligations are not fulfilled.

In the event of any failure /default of the supplier with or without any quantifiable loss to the Government including furnishing of consignee wise Bank Guarantee for AMC security as per Proforma in Annexure- III, the amount of the performance security is liable to be forfeited. The Administration Department may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Government.

29. In case of disputes arises it will be resolved through process of arbitration. The Vice Chancellor, NDVSU, Jabalpur or his authorized representative shall be the sole arbitrator whose decision in the matter shall be final and binding on all parties.
30. Supplier should provide the list of items which are covered under consumables. The items not listed in the consumables would be considered as spare parts for the purpose of warranty obligation including replacement/ repairs.
31. Latest and upgraded version of licensed software developed during warranty period should be provided.

**Security Deposit/EMD:**

32. EMD of Rs. 30000/- (Thirty thousand) in the form of Demand Draft of Rs. 30000/- (Thirty thousand) is to be enclosed in favor of the “NDPCVV, Dean Faculty, Jabalpur ” payable at Jabalpur.
33. In case the tender for Supply, Installation and Commissioning of RFID (Radio Frequency Identification) Management System is not approved, cancelled or rejected the EMD will be refunded
34. The above EMD will be refunded to the approved suppliers only on successful installation of the RFID system. Any default on the part of the supplier will lead to forfeiture of security to Nanaji Deshmukh Veterinary Science University, Jabalpur and the supplier will have no claim on it. The EMD amount will not carry any interest.

**35. Payment Terms:**

**Installation of RFID (Radio Frequency Identification) Management System for University Library of Foreign Origin Located within India/ RFID (Radio Frequency Identification) Management System for University Library to be imported and supplied against payment in Indian Rupees:**

**35.1 The firm should submit the following document in bid:**

- (i) Four copies of supplier’s invoice showing contract number, RFID (Radio Frequency Identification) Management System for Central Library description, quantity, unit price and total amount.
- (ii) Two copies of packing list identifying contents of each package.
- (iii) Inspection certificate issued by the nominated Inspection agency, if any.
- (iv) Certificate of origin.
- (v) Insurance Certificate
- (vi) Manufacturers/Supplier’s warranty certificate & In-house inspection certificate.
- (vii) GST as applicable and HS code should be mentioned in the tender.

### 35.2 Payment for Annual Maintenance Contract Charges:

- The consignee will enter into AMC with the supplier at the rates as stipulated in the contract. The payment of AMC will be made on annual basis after satisfactory completion of said contract period, duly certified by the consignee on receipt of bank guarantee of an amount equivalent to 10% of the cost of the RFID Library Equipment for University Library as per contract in the prescribed format given in Chapter-4 valid till 2 months after expiry of entire Warranty period.
  - The supplier shall not claim any interest on payments under the contract.
  - Where there is a statutory requirement for Tax deduction at source, such deduction towards Income Tax and other Tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.
  - The payment shall be made in the currency / currencies authorised in the contract.
  - The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to respective consignees.
  - While claiming payment, the supplier is also to certify in the bill that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract.
36. Please quote maximum discounted price, as no further negotiations will be made.
37. Complimentary items offered will not be taken into account for calculating the cost of the item.
38. The bidder must mention upgraded latest model and company must enclose original printed literature/ catalogue/ manufacturer's website showing detailed technical specifications required. A folder showing many instruments without detailed technical specification, or tailor made literature mentioning "yes" or "as per your specifications" for the specifications asked for, will not be considered. Specifications given in the offer must match to the website and/or printed technical literature otherwise the offer shall be rejected.
39. Firm must provide a compliance statement vis-à-vis specifications in a "tabular form" clearly stating the compliance, supported by technical literature with clear reference. This statement must be signed, by the Tenderer with the company seal for its authenticity and acceptance that any incorrect or ambiguous information found will result in disqualification of the offer.
40. Any deviation, variation or non-compliance of the terms and conditions by the tenderer shall be considered as a breach of contract and NDVSU reserves the right to forfeit the amount of earnest money and/or security deposit in part or in full and take action as per legal arrangement.
41. The supplier shall also undertake that the firm have never been black listed by any Govt./ Quasi Government firm in India and no case is pending at present against the firm. This should also be made clear in the tender as a preliminary undertaking.
42. Tender will not be considered if the firm does not supply a copy of the GSTIN & PAN allotted to it. **PAN of the owner or any other persons will not be accepted.**
43. NDVSU, Jabalpur reserves the right to accept or reject any or all offers in full or in part without assigning any reason (s) thereof. It also reserves the right to place order wholly or in

part with one or more than one firm as they may be convenient to NDVSU and availability of fund.

44. **Liquidated damages:**

If the supplier fails to deliver any or all of the RFID (Radio Frequency Identification) Management System for Central Library or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.50% per week of delay or part thereof on delayed supply of RFID (Radio Frequency Identification) Management System for Central Library and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract.

45. **After Sales Service:**

After sales service center should be available at the nearest to the city of Institution on 24 (hrs) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 8 hrs. The service should be provided directly by Bidder/ Indian Agent. Undertaking by the Principals that the spares for the RFID (Radio Frequency Identification) Management System for University Library shall be available for at least 10 years from the date of supply of RFID (Radio Frequency Identification) Management System for Central Library.

**Dean Faculty  
NDVSU, Jabalpur**

**Office of the Dean Faculty**  
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**Jabalpur-482001**

*Annexure - I*

**CHECK LIST**

Name of Bidder: \_\_\_\_\_

Name of Manufacturer: \_\_\_\_\_

Sl No.	Activity	Yes/ No/ NA	Page No. in the TE document
1	Name Of Manufacturing Company		
2	Name Of Bidder		
3	Contact Numbers		
4	Complete Address		
5	E-Mail Address		
6	Have you enclosed Tender Fees of required amount for the quoted schedules? Attach Details		
7	Have you enclosed EMD of required amount for the quoted schedules? Attach Details		
8. a.	Dully filled Tender Form along with the Technical Compliance statement (All the pages should be signed & initialed)		
b.	Tender fee of 1000/- in form of bank demand draft is paid or not		
9.	Have you submitted the copy of the registration as a company in India as per Companies Act 1956? Attach Copy		
10. a.	Have you enclosed clause-by-clause technical compliance statement for the quoted RFID (Radio Frequency Identification) vis-à-vis the Technical specifications.		
b.	In case of Technical deviations in the compliance statement, have you identified and marked the deviations?		
11. a.	Have you submitted satisfactory performance certificate(minimum 10 years experience) as per the details required in Tender Document.		
b.	Have you submitted copy of the order(s) and end user certificate as per the details required in Tender Document ? Attach Copy		
12.	Have you submitted manufacturer's authorization as per Annexure IV?		
13.	Have you enclosed RFID (Radio Frequency Identification) Items catalogue, leaflet, and brochure with full details of quoted Items? (Technical bid)		
14.	Have you submitted prices of Items, turnkey (if any), in the Price Schedule? (Financial bid)		
15.a	Have you kept validity of your bid 12 months from the date of opening of Technical Bid as per the TE document?		



SI No.	Activity	Yes/ No/ NA	Page No. in the TE document
b.	In case of Indian Bidder, have you furnished Income Tax Account No. as allotted by the Income Tax Department of Government of India? Attach Copy		
16.	In case of Foreign Bidder, have you furnished Income Tax Account No. of your Indian Agent as allotted by the Income Tax Department of Government of India? Attach Copy		
17.	Have you mentioned the name and full address of your Banker (s) along with your Account Number, IFCS Code of the Bank/Branch? Attach Copy		
18.	Have you fully accepted payment terms as per TE document?		
19.	Have you fully accepted delivery period as per TE document?		
20.	Have you submitted the certificate of incorporation? Attach Copy		
21.	Have you accepted the warranty as per TE document?		
22.	Have you accepted terms and conditions of TE document?		
23.	Have you furnished documents establishing your eligibility & qualification criteria as per TE documents?		
24.	Have you furnished Annual Report (Balance Sheet and Profit & Loss Account) for last three years prior to the date of Tender opening? Attach Copy		
25.	Have you submitted an affidavit that the firm has not been black listed in the past by any Govt. Institution/ any Organization?		
26.	Have you submitted an affidavit that the firm has no vigilance case/CBI/FEMA case pending against him/supplier (Principal)?		
27.	Have you submitted an affidavit that the firm is not supplying the same item at the lower rate quoted in the tender to any Govt. Organization or any other Institute (Fall Clause)?		

N.B.

- The Bidder may go through the checklist and ensure that all the documents/confirmations listed above are enclosed in the tender and no column is left blank. If any column is not applicable, it may be filled up as NA.
- It is the responsibility of bidder to go through the TE document to ensure furnishing all required documents in addition to above, if any.

### **DECLARATION**

The terms and conditions as mentioned in the tender are acceptable to us.

\_\_\_\_\_  
(Signature with date)

\_\_\_\_\_  
(Full name, designation & address of the person duly authorised sign on behalf of the Bidder)

For and on behalf of

\_\_\_\_\_  
(Name, address and stamp of the tendering firm)

**Office of the Dean Faculty  
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**TECHNICAL BID  
Item and Specifications**

**Annexure - II**

**Supply, Installation and Commissioning of  
RFID (Radio Frequency Identification) Management System  
for University Library**

(Bidder must quote latest and upgraded model of Rate Contract, Supply & Installation RFID (Radio Frequency Identification Management System for University Library, attach compliance sheets. *Please provide all the relevant document of the technical specifications and technical compliance statement*).

All items required for the full-fledged function of an advanced, high sensitive Rate Contract, Supply & Installation RFID (Radio Frequency Identification Management System for University Library including all accessories, spares and supporting instruments as outlined below are to be quoted.

1 (a) Whether the quoted/ similar model has minimum 5 successful installation excluding manufacturers/ suppliers own laboratories, completed in all respect and in running condition in India **YES/NO**.

(b) Please specify the number.

**Against each point** in the technical specification, compliance must be marked as **Yes/NO**.

**Minimum Technical Specification:**

<b>Item No. 1: RFID Book Tags</b>			
<b>Item Minimum Specifications</b>	<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
The RFID chip used in the tag should have been designed specifically for Library use. i.e. it should have three sections: <ul style="list-style-type: none"> <li>• Lockable section for item identification</li> <li>• Re-writable section for library specific use</li> <li>• Security function (EAS) for item anti-theft (which can be activated and deactivated),</li> <li>• The RFID chip should have multi read function, i.e. several tags can be read at the same time</li> </ul>	<b>20,000</b>		
Tag size should be 80mm x 50mm with at least 2048 bits memory, multi-read and antitheft			
Distance for detection from pedestal should be minimum of 92 cms			
Tags should be fully ISO 15693/18000-3 compliant			
Other features: "Tag Talks First" (TTF) feature, tamper proof, detection rate of the system should be above 95%			

consistently regardless of the number of items that are in the field			
Warranty of Tags Minimum 40 years for logic circuits and replacement of defective tags if found during first time tagging			
<b>Mechanical Dimension</b> <ul style="list-style-type: none"> <li>• Transponder coil size 80X50 mm <math>\pm</math> 0.5mm</li> <li>• Transponder die-cut size 80 x 50 mm 0.2 mm</li> <li>• Thickness of the IC 150 micrometer <math>\pm</math> 10%</li> <li>• Overall thickness of transponder package (excluding IC and siliconized paper) 200 micro meter <math>\pm</math> 10%</li> <li>• Thickness of the siliconized wafer 56 micro meter</li> </ul>			
<b>Electrical characteristics</b> <ul style="list-style-type: none"> <li>• Integrated Circuit (IC) Philips i-Code-SLI X.</li> <li>• ICS protocol /anti-collision ISO 15693/18000-3</li> <li>• Operating frequency 13.56 MHz</li> <li>• Unloaded resonance frequency 14.15 MHz <math>\pm</math>0.30 MHz</li> <li>• Memory 2048 bits R/W EEPROM</li> </ul>			
<b>General characteristics of transponder</b> <ul style="list-style-type: none"> <li>• ESD voltage immunity +12 kV peak. HBM</li> <li>• Bending diameter (D) &gt; 50 mm. tension less than 10 N</li> <li>• Static pressure (P) &lt; 10 MPa (10 N/mm<sup>2</sup>)</li> </ul>			

<b>Item No. 2: Anti-theft Sticker (Institution Labels)</b>			
<b>Item Minimum Specifications</b>	<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
<b>Good quality self adhesive labels of following specification:</b>	<b>20,000</b>		
Good quality smooth face			
Label printed with Name and logo (design to be approved by Department)			
Size: Minimum half inch larger on all sides than the RFID tag			
Strong permanent adhesive, which does not leach in to the paper of the book			

<b>Item No. 3: Smart Cards RFID 1KB Smart Identity cum Library Cards - preprinted</b>			
<b>Item Minimum Specifications</b>	<b>Qty</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
The smart cards should be 1kb Mifare Plus cards with pre printing on both sides (Supply of pre printing to be approved by the Department)	<b>1,000</b>		
The smart card must be for multipurpose use by the library users.			
1k byte EEPROM			
Unique serial number			
16 securely separated sectors supporting multi- application			

Each sector consists 4 blocks with a length of 16 Byte			
2 x 48 bit keys per sector for key hierarchy			
Access conditions free configurable based on 2 level key hierarchy			
Number of single write operations: 100,000			

<b>Item No. 4: Library Staff Station Reader</b>				
<b>Item Minimum Specifications</b>		<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Remarks (If any)</b>
Read/Write/Anti-theft programming should be done in one single operation		<b>01</b>		
Read/Write distance of Up to 25 cm and programming time of 1 second				
Should be fully ISO/IEC 14443A, 15693 and ISO 18000:3 compliant				
The programming station should interface with the Library Management Software using NCIP V2.0 protocol				
Integrated with reader for patron ID Card based ISO/IEC 14443A Mifare Plus to read for circulation				
Integrated with reader for patron ID Card based ISO/IEC 14443A Mifare Plus for personalization of data into the ISO/IEC 14443A Mifare Plus passive contact less 1Kb smart card in the pre-defined location in the memory The details of memory location in smart card will be provided at appropriate time				
NCIP V2.0 compliance software interface integrated with integrated library management software for all operations like patron card personalization, check-in. check-out, renew, reserve etc of library circulation				
<b>Specifications</b>				
<b>Parameter</b>	<b>Technical Specs</b>			
Operating Frequency	13.56 MHz			
Power Supply	5V to 12V			
Read Range	Up to 25 cm			
Antenna	Internal			
Communication Interface	USB/RS232/Ethernet			
Supported Transponders	ISO 15693, ISO 14443A and ISO 18000:3			

Indicators	LED / Buzzer for power, read verification etc.		
Housing Material	ABS or Similar		

<b>Item No. 5: Gate Antenna System (Detection system) (Two EAS Pedestals Library Security Gate with student Tracker)</b>				
<b>Item Minimum Specifications</b>		<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
Security gate should include two theft detection pedestals, which are interdependent of each other and also have an overlapping protection zones providing additional security. It is planned to install these pedestals at a single location in the library. The system should have suitable number of I/O ports for Standard electronic counter, web cam trigger, CCTV, locking gates etc. The offer must be complete in all respects with CCTV integration and must include all the components required for the functional of the system Library security gate. It should also have multi line infrared motion sensors to detect library foot falls and in-out numbers.		<b>01</b>		
<b>Specifications</b>				
<b>Parameter</b>	<b>Technical Specs</b>			
Operating Frequency	13.56 MHz			
Power Supply	AC 230V / 50Hz			
Transmitting Power	0.5W to 6W variable			
Read Range	Up to 1 m with pair of gates			
Communication Interface	RS232 / Ethernet			
Supported Transponders	ISO 15693-3, I Code			
Communication Parameters	Baud Rate: 115200 Kbps			
Housing Material	ABS or similar			

<b>Item No. 6: Integration Module - Middleware Application Software</b>				
<b>Item Minimum Specifications</b>		<b>Qty</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
Client Software should support following features and is to be Integrated with existing Integrated Library Management Software (ILMS)		<b>01</b>		
Tagging / Re-tagging after proper online validation of the title / member records LMS database				
Tag monitoring by accessing item record from ILMS database				
Patron Smart Card personalization monitoring by accessing patron ID from ILMS database				
Send SMS & Email for circulations and registration transaction which can be selected for specific users.				
NCIP V2.0 compliance				
Retagging option for re-registration of books & patrons				

Sorting by accessing Title record from ILMS			
Check out /Check-in/Renewal			
Provision tot display of reservations done by a member along with sequence and date of collection			
Provision of enquiry of checkouts against a member and its due date			
Provision for details of fine against a member			
Provision of slip printing containing the details of a transaction			
Reserved titles shall get highlighted while check-in			
Designing of Library web page for providing various services through internet, including WebOPEC and giving link to information website.			

<b>Item No. 7: Smart Card Printer with 6 Ribbons, Digital Signature Pad &amp; Webcam – Heavy Duty</b>				
<b>Item Minimum Specifications</b>		<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
Double Side Card Printer				
Print Method Dye-sublimation / resin thermal transfer				
Resolution 300 dpi (11.8 dots/mm) continuous tone				
Magnetic stripe encoder – ISO 7811 (new and re-encoded, tracks 1,2, and 3, high and low coercivity, stripe down, 30 mil card only)				
Accepted Card Thickness 10 to 40 mil				
Accepted Card Types PVC and PVC composite				
Edge-to-edge printing on standard CR-80 media				
Auto calibration of ribbon with USB connectivity		<b>01</b>		
Input Hopper Card Capacity approx. 100 cards				
Output Hopper Card Capacity approx.: 45-50 cards				
Memory 32 MB RAM or more -> Software Drivers Windows XP (32 bit), Windows Vista (32 and 64 bit), Windows Server 2003 (32 bit), Windows 7 (32 and 64 bit), Windows Server 2008 (32 and 64 bit), Windows 8 and Win 8 Pro (32 and 64 bit), Windows 10 all versions (32 and 64 bit), Windows Server 2012 (64 bit) -> Interface USB 2.0, Ethernet with internal print server -> Supply Voltage 200-260 VAC, 50-60Hz				
Smart card contact station ISO 7816				

Combined MIFARE® ISO 14443 (13.56 MHz) and ISO 7816 Contact Encoder Specifications – PC/SC and EMV level 1 certified (50 card capacity [30 mil] external output hopper) Encoding over USB and Ethernet			
Full color Ribbons and Cleaning Kit			
Printer with logo and a photograph with demographic details.			
Maps Data from Database to Identify on the card			
Data	To be fetched from the LMS database		
Design	Printing design to be developed as per instructions from the Library		

<b>Item No. 8: Self-check in Self-check out Kiosk Station - Optional (Automated Book Issue - Return Station)</b>				
<b>Item Minimum Specifications</b>	<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>	
RFID Reader and Antenna with multiple Read/Write facility	<b>01</b>			
Kiosk should suit the library decor				
High Speed Thermal Slip Printer				
17” or higher LCD/LED Touch Screen Monitor uses Capacitive Technology				
Branded Small Form Factor CPU				
Multi protocol firmware ISO/IEC 14443A. 15693 and ISO 18000:3 compliant				
Communication interface — Ethernet/LAN				
The Self Checkout station client software should interface with the ILMS Software giving following features: ◦ Check out / Renewal ◦ Transaction Status ◦ Transaction Printout				
Provision for display of reservations done by a user along with sequence and date of collection,				
Provision of enquiry of checkouts against a user and its due date.				
Provision for enquiry of fine against a user,				
<b>Specifications</b>				
<b>Parameter</b>		<b>Technical Specs</b>		
Operating Frequency		13.56 MHz		
Power Supply		180-230V Ac; 50 Hz		
Read Range		20-25 cms 3 to 4 books of average size		
Antenna Size		300 X 300 mm or more		
Communication Interface	Ethernet/LAN			
Supported Transponders	ISO 15693, ISO 14443A and ISO 18000:3			
Display	17” or higher TFT capacitive touch screen			

<b>Item No. 9: RFID Tagging Job Work (for Book)</b>			
<b>Item Minimum Specifications</b>	<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
RFID Tag & Sticker to be pasted in same process	<b>10,000</b>		
ISO 28560 standard followed for tagging			
Minimum 2000 books/DVDs to be completed in a day			
Registration of books / DVDs to be done in single process			

<b>Item No. 10: Data Entry Job Work (for Book)</b>			
<b>Item Minimum Specifications</b>	<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
Complete Data Entry of all books with Classification & Accessioning according to MARC 21 standards in Koha LMS. Data Entry has to be done from the books by physically verifying the data.	<b>10,000</b>		

<b>Item No. 11: KOHA Library Management Software</b>			
<b>Item Minimum Specifications</b>	<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
The fully featured open source integrated Library Management System i.e., KOHA should cover all the Library functions through the Acquisition, Cataloguing, Serial Circulation, OPAC, Barcode & Spine Label and Report generation. It should be implemented with the following features:-	<b>01</b>		
(a) Web based Interface			
(b) Full text searching			
(c) Google Jacket			
(d) Net-Cataloguing			
(e) Real Time Auto Indexing			
(f) Search Engine			
(g) Virtual Book Shelf			
(h) RFID Compatibility			
(i) Bar Code			
(j) Flexible Reporting			
(k) Multi Lingual Support			



<b>Item No. 12 : Server Systems for KOHA - Optional</b>			
<b>Item Minimum Specifications</b>	<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
Processor: Intel Xeon Memory: 16 GB RAM HDD: 1TB SATA hard disk Drive: Dual Layer DVD+/-RW Drive Network: 10/100/1000 Mbps (Gigabit) Ethernet Display: 21.5" LCD display or better Preloaded Operating System: UBUNTU 14.04 or higher Ports: 4 USB 2.0 ports (USB 3.0 preferred, where available) and 1 serial port Key Board and Mouse Warranty: 3 years	<b>01</b>		

<b>Item No. 13: Server Systems for Middleware - Optional</b>			
<b>Item Minimum Specifications</b>	<b>Qty.</b>	<b>Matched/ Not Matched</b>	<b>Deviation, If any</b>
Microsoft Windows Server 2008 R2 or higher (Service pack) Memory: 8 GB RAM HDD: 1 TB SATA hard disk Drive: Dual Layer DVD+/-RW Drive Network: 10/100/1000 Mbps (Gigabit) Ethernet Graphics: Intel Integrated Graphics Display: 21.5" LCD display or above Operating System: Microsoft Windows 10 Pro licensed Ports: At least 4 USB 2.0 ports (USB 3.0 preferred, where available) and 1 serial port With Key Board and Mouse Warranty: 3 years	<b>01</b>		

**Declaration by the Bidder**

It is hereby declared that the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation of technical claims have been submitted.

SIGNATURE OF BIDDER  
SEAL OF THE COMPANY

**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY /AMC SECURITY**

**To,  
Dean Faculty,  
Nanaji Deshmukh Veterinary Science University,  
South Civil lines,  
Jabalpur (M.P).-482001**

WHEREAS \_\_\_\_\_ (Name and address of the supplier) (Hereinafter called “the supplier”) has undertaken, in pursuance of contract no \_\_\_\_\_ dated \_\_\_\_\_ to supply (description of RFID (Radio Frequency Identification Management System for Central Library) (herein after called “the contract”).

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognised by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS, we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE, we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of. \_\_\_\_\_ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand, declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid up to 38 (Thirty Eight) months from the date of satisfactory installation of the RFID (Radio Frequency Identification) Management System for Central Library i.e. up to ----- (indicate date).

.....  
(Signature with date of the authorised officer of the Bank)

.....  
Name and designation of the officer

.....  
Seal, name & address of the Bank and address of the Branch

## MANUFACTURER'S AUTHORISATION FORM

To,  
**Dean Faculty,**  
**Nanaji Deshmukh Veterinary Science University,**  
**South Civil lines,**  
**Jabalpur (M.P.)-482001**

Dear Sirs,

Ref. Your TE document No \_\_\_\_\_, dated

We, \_\_\_\_\_ who are proven and reputable manufacturers of \_\_\_\_\_ (name and description of the RFID Library Equipment for Central Library offered in the tender) having factories at \_\_\_\_\_, hereby authorise

Messrs \_\_\_\_\_ (name and address of the agent) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above RFID Library Equipment for University Library manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs. \_\_\_\_\_ (name and address of the above agent) is authorised to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above RFID Library Equipment for University Library manufactured by us.

We also hereby extend our full warranty, AMC as applicable as per clause 9 of the General Conditions of Contract Chapter-2, read with modification, if any, in the Special Conditions of Contract for the RFID Library Equipment for University Library and services offered for supply by the above firm against this TE document.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorised agent.

We also confirm that the price quoted by our agent shall not exceed than that which we would have quoted directly.

Yours faithfully,

[Signature with date, name and designation]

for and on behalf of Messrs \_\_\_\_\_

[Name & address of the manufacturers]

**Note:-**

1. This letter of authorisation should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.
2. Original letter may be sent.

**CERTIFICATE & DECLARATION**

It has been certified that all information provided in tender form is true and correct to the best of my knowledge and belief. No forged / tampered document(s) are produced with tender form for gaining unlawful advantage. We understand that NDVSU, Jabalpur is authorized to make enquiry to establish the facts claimed and obtain confidential reports from clients. In case it is established that any information provided by us is false / misleading or in the circumstances where it is found that we have made any wrong claims, we are liable for forfeiture of EMD/SD and or any penal action and other damages including withdrawal of all work / purchase orders being executed by us. Further NDVSU, Jabalpur is also authorized to blacklist our firm/company/agency and debar us in participating in any tender/bid in future. I / We assure the Institute that neither I / We nor any of my / our workers will do any act/s which are improper / illegal during the execution in case the tender is awarded to us. Neither I / We nor anybody on my / our behalf will indulge in any corrupt activities / practices in my / our dealing with the Institute. Our Firm/ Company/ Agency is not been blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute or Any other Govt. Organization.

Date :

Signature of the Bidder

Place

Stamp

**Note: This certificate should be executed on duly notarized 100/- Stamp Paper.**

# FINANCIAL BID

## Annexure - VI

**A) Price Schedule For Domestic RFID (Radio Frequency Identification System) For University Library Or RFID (Radio Frequency Identification System) For University Library Of Foreign Origin Located Within India To Be Imported And Supplied Against Payment In Indian Rupees Only**

Sr. No.	ITEM	Quantity (Nos.)	Unit Price with 3 Year Warranty (In Rs. Without tax)	Total Price with 3 Year Warranty (In Rs. Without tax)	Rate of GST / Service Tax (%)	GST	Total Cost TC
A	B	C	D	E=C*D	F	G	TC=E+G
1	RFID Tags - Book	20,000					
2	Anti Theft Sticker	20,000					
3	RFID 1 KB Smart Identity cum Library Card	1,000					
4	Library Staff Station Reader	1					
5	Gate Antenna System (Detection system) (Two EAS Pedestals Library Security Gate with student Tracker)	1					
6	Integration Module - Middleware Application Software	1					
7	Smart Card Printer with 6 Ribbons including Digital Signature Pad & High Resolution Web Cam – Heavy Duty	1					
8	Self-check in Self-check out Kiosk (Automated Book Issue - Return Station)	1					
9	RFID Tagging Job Work (for Book)	10000					
10	Data Entry Job Work (for Book)	10000					
11	KOHA Library Management Software	1					
12	Server system for KOHA	1					
13	Server Systems for Middleware	1					
<b>GRAND TOTAL</b>							

**Note:**

- **L1 will be the lowest sum total of rates of all line items without tax with 3 years warranty.**
- **The Bidder shall explicitly mention the applicable rate of tax.**
- **If required in future, for item no. 5 (Smart Cards), item no. 6 (Self Adhesive RFID Tags – for Book) & item no. 7 (Institution Labels), the Successful Bidder has to supply the additional quantity on the same rates to purchasing department during the period of warranty of 3 years.**
- **Item Nos. 8, 9, 10, 12 and 13 are optional and will be purchased depending upon the availability of funds.**

Total Tender price in Rupees: \_\_\_\_\_

In words: \_\_\_\_\_

**Note: -**

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual AMC after warranty period of 36 months shall be quoted separately as per Annexure VI
3. Bidder has to quote for AMC also otherwise they will be treated as disqualified.
4. **L1 will be decided on the total sum (Grand Total) of all listed items only.**

Name \_\_\_\_\_

Business Address \_\_\_\_\_

Place: \_\_\_\_\_

Signature of Bidder \_\_\_\_\_

Date: \_\_\_\_\_

Seal of the Bidder \_\_\_\_\_