

H.M.S.CENTRAL LIBRARY JAMIA HAMDARD NEW DELHI

Tender for RFID based electronic security system and book charging,  
discharging system for Central Library

DETAILS OF BIDDER

S.No.	Required Details	
1.	Name of the Bidder	
2.	Address of the Bidder	
3.	Contact No.	
4.	Fax No.	
5.	Mobile No.	
6.	Email	
7.	Name of Authorized Signatory	
8.	Sales Tax/CST No.	
9.	Income Tax No. /PAN/GIR No.	
10.	Year of Establishment	
11.	EMD Details DD/Banker cheque No. and Date: Amount in Rs. Name of the Bank:	

Signature of the Bidder  
with Stamp and date

## Terms and Conditions:

1. Separate Technical and financial bids are required to be submitted in separate sealed envelopes otherwise the bid will be rejected.
2. The technical bid must contain the Manufacturer Authorization Letter for the above tender.
3. The Authorization letter should also come directly from the Manufacturer in the name of University Librarian H.M.S.Central Library, Jamia Hamdard New Delhi-110062 with Tender Reference
4. Compliance chart (Clear in all terms with respect to the Tender) should be attached along with technical bid
5. Sealed bids must be marked to the — University Librarian H.M.S.Central Library, Jamia Hamdard New Delhi-110062|| latest by
6. Bid must indicate a delivery schedule, which in no case should exceed 4 weeks from the date of placement of order.
7. Bid must include the applicable taxes and duties, if any.
8. Incomplete and conditional submitted tenders would be summarily rejected.
9. Payment will be made after satisfactory installation and commissioning as per Jamia hamdard norms. .
10. Only INR quotes will be accepted.
11. The institute reserves the right to enquire about the authenticity of information provided.
12. Bids should be valid for a minimum period of 180 days after the due date.
13. 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.
14. If the selected firm is unable to supply the material/successfully execute the work as per the order, then their Earnest Money will be forfeited.
15. The quantity shown against each item is approximate and may vary as per the demand of the Institute at the time of placing order.
16. The Institute reserves the right to accept/reject and bid wholly or partly without assigning any reason.
17. RFID bidder should have local office for service support in North (preferably Delhi/NCR) for minimum 3 years. Provide minimum two documentary proofs (Electricity Bill/Telephone Bill/Valid Lease Deed).
18. Bidder must have minimum 5 live sites, including 2 libraries where proposed RFID system is integrated with LIBSYS7 software and operational for last 1 years. Provide certificates/installation report.
19. Bidder should have minimum turnover of Rs.10 Crores per annum for library automation system in last three financial years. Provide CA certified certificate and copy of balance sheet.
20. Sub contracting of the job or consortium is not allowed. Single party will be responsible for complete implementation and maintenance of system in the long run.

### Payment

Payment shall be made in the following three parts:

1. 60% payment against the satisfactory installation and commissioning of the hardware and software (At least 500 documents will be checked and verified).
2. Another 20% payment after satisfactorily tagging of 50,000 documents
3. Another 20% payment after satisfactorily tagging of another 50,000 documents.

Sl. No.	Items	Description
a.	Scope of Work	RFID based Electronic Security System and Book Charging, Discharging System for Central Library integrated with <b><u>LIBSYS7 LMS</u></b>
b.	Last date of submission of bid	14 <sup>th</sup> September 2017
c.	Date of opening of bid	18 <sup>th</sup> September 2017
d.	EMD	Rs. 1,50,000/- in the form of DD/Banker Cheque in favour of Jamia Hamdard, New Delhi-62
e.	Place of opening of bids	Office of The University librarian H.M.S. Central Library Hamdard Nagar New Delhi - 110062
f.	Address for communication	Interested eligible Bidders may obtain further information from the office of the University Librarian H.M.S. Central Library, Jamia Hamdard New Delhi-110062  : The bidding document should be downloaded from the institute website: <a href="http://www.jamiahamdard.edu/tenders">http://www.jamiahamdard.edu/tenders</a>

**TENDER DOCUMENT FOR RFID BASED ELECTRONIC SECURITY SYSTEM AND BOOK CHARGING, DISCHARGING SYSTEM FOR H. M. S. CENTRAL LIBRARY JAMIA HAMDARD NEW DELHI-110062**

H.M.S. CENTRAL LIBRARY, The CENTRAL LIBRARY JAMIA HAMDARD invites sealed bids from eligible bidders for supply, testing and installation of RFID based Library System (All the RFID components chosen for complete solution must conform to ISO 15693/ISO 18000-3) in accordance with the specification and equipments, listed below.

**Technical Specification of the RFID Based Library System to be integrated with existing LIBSYS7 LMS**

S. No.	Item Description
1.	<p><b>Self Adhesive RFID Tags for Books</b></p> <ul style="list-style-type: none"> <li>▪ 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> </ul> </li> <li>▪ The RFID chip should have multi read function, i.e. several tags can be read at once</li> <li>▪ Tag size should be app. 50mm x 50mm (+/- 10%) with at least 1024 bits memory, multi-read, antitheft</li> <li>▪ Distance for detection from pedestal should be minimum of 36 inches</li> <li>▪ Tags should be ISO 15693/18000-3 compliant</li> </ul>
2.	<p><b>Multi Purpose RFID Staff Station</b></p> <ul style="list-style-type: none"> <li>▪ It should be small in size and economic so as to use it in any library desktop configuration</li> <li>▪ Read/Write/Anti-theft programming should be done in one single operation</li> <li>▪ Read/Write distance of minimum 20 -30 CMs</li> <li>▪ Should be ISO 15693 and ISO 18000-3 compliant</li> <li>▪ Client software should support following feature and is to be integrated with existing LIBSYS7 LMS:               <ul style="list-style-type: none"> <li>- Tagging/Retagging after proper online validation of the title/member records in ILMS database.</li> <li>- Tag monitoring by accessing item record from ILMS database.</li> <li>- Sorting by accessing Title record from ILMS.</li> <li>- Check out /Check in /Renewal</li> <li>- Provision for display of member photograph along with member details while doing the transactions.</li> <li>- Provision for display of reservations done by a member along with sequence and date of collection.</li> <li>- Provision of enquiry of checkouts against a member and its due date.</li> <li>- This facility is available on all transaction screens for reducing response time while presenting the details before the member.</li> <li>- Provision for details of fine against a member along with fine receiving functionality.</li> <li>- Provision to print transaction slip on 80mm thermal printer</li> <li>- Reserved Titles get highlighted while check - in</li> </ul> </li> </ul>
3.	<p><b>Library Security Gate Single Aisle (2 EAS Pedestals) along with Dome camera</b></p> <p>Security gate should include two theft detection pedestals, which are interdependent of each other and also have an overlapping protection zones providing additional security. We plan to install these pedestals at one 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 and must include all the components required for the functionality of the system. Library security gate would have following specifications as mentioned below:</p> <ul style="list-style-type: none"> <li>- Frequency: 13.56 MHz</li> <li>- ISO:15693/18000-3</li> <li>- Detection Range: 100-120 CMs between two pedestals</li> <li>- Can be configured to detect different chip types simultaneously.</li> <li>- No need to be linked to the library database. If EAS on detected, chip type, ID number, date and time are stored.</li> <li>- A pedestal including 1 antenna set (3 antennas) for large detection field and in-built Electronic Control Unit (Controller) integrated into the pedestal bottom.</li> <li>- Lights and buzzer located at the top of the pedestal.</li> <li>- Powerful DSP (Digital Signal Processor).</li> <li>- Integrated Bi-directional People Counter (Infra-Ray Port), Counts In/Out foot falls.</li> </ul>

	<ul style="list-style-type: none"> <li>- Ethernet communication interface</li> <li>- Security mode: EAS &amp; AFL.</li> <li>- Panels in high quality Acrylic UL94 HB.</li> <li>- Dimensions: 1846 X 546 X 45 mm</li> <li>- Base Plate: 620 X 80 mm</li> <li>- Floor Mounting Option</li> <li>- Dome camera colour</li> </ul>
4.	<p><b>Self Checkout Kiosk with 80mm Thermal Slip Printer</b></p> <p>Specifications: Corian Kiosk enclosure, RFID Reader with PAD Antenna, 22" LED Touch Screen Monitor (Capacitive/Helium), High Speed Thermal Slip Kiosk Printer (80 MM), Ultra Small CPU, Receiving Cart (100 books * 2nos), Communication Interface, Transaction Status, Transaction Print out and -Client software to guide the individuals in checking-out, check-in and renewal facility integrated with existing LIBSYS7 software.</p>
5.	<p><b>Book Drop</b></p> <p>Specifications: Corian Book Drop enclosure, RFID Reader with PAD Antenna, 22" LED Touch Screen Monitor (Capacitive/Helium), High Speed Thermal Slip Kiosk Printer (80 MM), Ultra Small CPU, 250 Books Cushion Drop Books Receiving Cart (branded/Reputed, having national/global presence and Client software to guide the individuals in checking-in of RFID tagged books integrated with existing LIBSYS7 software.</p>
6.	<b>Color Institute Logo Sticker for Shielding RFID Book Tags</b>
7.	<b>ISO Size Blank RFID Smart Card</b> with standard 1K Memory (NXP SLIX) for Patrons ISO 15693/18000-3
8.	<b>Dual Side Smart Card Printer</b> integrated with existing software for card printing directly from library database along with full color ribbons (25 No.) and including cleaning kit (5 Nos.)
9.	<p><b>RFID Handheld Reader for Shelf Management</b></p> <p>Specifications: Handheld RFID Reader with in-built PDA having 256 MB DDR RAM, 288 MB Flash and microSD card slot, 3.5" QVGA touch screen and adjustable LED backlight and daylight readable along with Client software to performs Stock checking, monitoring and locating misplaced books on shelf.</p>
10.	<b>RFID Server Layer for integration of RFID Devices with existing LIBSYS7 LMS.</b>
11.	<b>Job Work:</b> Related to encoding of data (Accession No; Classification No; Location ID; etc) from existing LMS software and pasting institute logo stickers on RFID tags & re-shelving them with proper flagging on existing LMS software. Generation of Stock Verification Report of RFID Tagged Items.
12.	<b>Project Management, Installation and Onsite Training on complete RFID System.</b>
13.	<p><b>Shelf Management system</b> WiFi Portable Library Inventory Reader with two units of rechargeable NiMH batteries along with one reputed/branded Pocket PC with 64 MB and One reputed/branded Notebook Software Components: Client software for Pocket PC/Notebook. Page 6 of 12 Features: long lightweight handheld; performs Stock-checking, Re-shelving, and also locates specific items; sorting and monitoring of library material on shelf along with locating misplaced documents; data downloaded to PC / Pocket</p>
14.	<b>Delivery at F.O.R. Jamia Hamdard Delhi</b>

**Format for "Price Bid"**

<b>Sr. No.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Basic Cost</b>	<b>Taxes</b>	<b>Unit Cost (with Tax)</b>	<b>Total Cost (with Tax)</b>
1.	Self Adhesive RFID Tags For Books	1,00,000				
2.	RFID Staff Station with Thermal Slip Printer	02				
3.	Library Security Gates Single Aisle (2 EAS pedestals)	01				
4.	Self Checkout Kiosk	01				
5.	Book Drop	01				
6.	Color Institute Logo Sticker for shielding of RFID Tags	1,00,000				
7.	ISO Size Blank RFID Smart Card	10,000				
8.	Dual Side Smart Card Printer	01				
9.	RFID Handheld Reader for Shelf Management	01				
10.	RFID Server Layer for integration of RFID Devices with existing LIBSYS7 LMS.	01				
11.	Job Work	1,00,000				
12.	Project Management, Installation and Training	01				
13.	Packaging and Freight	01				
<b>TOTAL BID VALUE</b>						

**AMC**

<b>Item Description</b>	<b>Total Cost (with Tax)</b>
<b>AMC after One Year Warranty Period</b>	

Specifications of the hardware items given in this bid documents are the minimum requirements. The bidder may offer items with higher specifications. However, no price advantage for such specifications shall be given.