Phone: 01262-293002   **Email: librarian@mdurohtak.ac.in**

PART-1: STANDARD BIDDING DOCUMENT FOR SUPPLY, INSTALLATION, INTEGRATION, TESTING, AND COMMISSIONING OF RFID HARDWARE

Name of Work: SUPPLY, INSTALLATION, INTEGRATION, TESTING, AND COMMISSIONING OF RFID HARDWARE IN VIVEKANANDA LIBRARY, M. D. UNIVERSITY, ROHTAK.

PRESS NOTICE

MAHARSHI DAYANAND UNIVERSITY, ROHTAK	
Notice Inviting e-Tender	
Name of Work:	**SUPPLY, INSTALLATION, INTEGRATION, TESTING, AND COMMISSIONING OF RFID HARDWARE**
Estimated Cost:	**Rs.40,00,000/-**
Earnest Money:	**Rs.80,000/-**
Time Limit	**8 to 10 weeks.**
e-Tenders to be uploaded till 05.01.2026 at 05.00 PM	

i) The tenders will be received only through e-tendering. For further details, visit the website **https://etenders.hry.nic.in**

ii) The cost of the Bid document is Rs.5,000/- (non-refundable), which will be deposited through online mode from https://etenders.hry.nic.in

iii) Earnest Money (as mentioned above) will be deposited through online mode from https://etenders.hry.nic.in

iv) Willing bidders shall have to pay Rs.1,180/- (non-refundable) as the e-Service/ Processing Fee through online mode from https://etenders.hry.nic.in

v) The interested parties/bidders should visit the University website (https://mdu.ac.in) or https://etenders.hry.nic.in regularly for corrigendum(s), if any, which may be issued regarding extension of date, modification of eligibility or amendments in other terms & conditions, etc., as corrigendum(s) will not be published in newspapers.

vi) The Bidder who is registered as MSME of Haryana State only for the same work are exempted from payment of EMD, but the Bidder will have to submit an affidavit to this effect as per Annexure-I available on the website of the Department of Industries & Commerce, Govt. of Haryana.

UNIVERSITY LIBRARIAN
M.D. University, Rohtak

DETAILED NOTICE INVITING E-TENDER

E-Tenders are invited from the reputed Original Equipment Manufacturers (OEMs)/ Sole Distributors/ Dealers for the supply of the below-mentioned items in a single-stage two-cover system, i.e. request for Pre-Qualification/Technical Bid (online Bid under PQQ/Technical Envelope) and request for Commercial Bid (comprising of price bid proposal under online available Commercial Envelope):

Sr. No.	Name of work	EMD to be deposited by the bidder	Tender Document Fee & E-Service/ Processing fee (non-refundable)
1.	**Supply, Installation, Integration, Testing, and Commissioning of RFID Hardware (Annexure-1)**	**Rs.80,000/-**	**Rs.5,000/- for the Tender/ Bid Document Fee and Rs.1180/- for e-Service/ Processing fee**

1. Any clarification regarding the detailed notice inviting tender can be sought from the University Librarian during office hours at **01262-293002 or Email: librarian@mdurohtak.ac.in**

2. Tender document is available on the website https://etenders.hry.nic.in and https://mdu.ac.in. No tender documents will be issued separately.

3. The Bidders would submit bids through e-tendering only on the website https://etenders.hry.nic.in

Under the process, the Pre-qualification / Technical Online Bid application and Online Price Bid are invited at a single stage under two covers, i.e. PQQ/Technical & Commercial Envelope. The eligibility and qualification of the Applicant will be first examined based on the details submitted online under the first cover (PQQ or Technical) and in accordance with the eligibility and qualification criteria prescribed in this Tender document. The Price Bid under the second cover shall be opened only for those Applicants whose PQQ/Technical Applications are responsive to the eligibility and qualifications requirements as per the Tender Document. The tenderer should read the terms & conditions and specifications in tender documents strictly before submission of the e-tender. Tender documents can be downloaded/uploaded online on the portal https://etenders.hry.nic.in

1. The payment of the tender document fee, as well as EMD and e-Service/Processing Fee, shall be made by eligible bidders through online mode only from https://etenders.hry.nic.in

2. The interested bidders will be mandatorily required to sign up online (create a user account) on the website https://etenders.hry.nic.in to be eligible to participate in the e-tender.

The Bidders can submit their tender documents (Online) as per the dates mentioned below in the Key Dates:

Key Dates

Sr. No.	Department Stage	Bidder's Stage	Start date & time of bid submission	Last date& time of bid submission
1.		Tender Document Download and Bid Preparation / Submission	**10.12.2025 (2.00 PM)**	**05.01.2026 (05.00 PM)**
2.		Online submission of Tender Fee, e-Service/ Processing fee and EMD	**10.12.2025 (2.00 PM)**	**05.01.2026 (05.00 PM)**
3.	Technical Bid Opening		**06.01.2026 at 11.00 A.M.**	
4.	Financial Bid Opening		The date and time will be decided later, after the evaluation of the Technical Bids	

IMPORTANT NOTE:

1) The Applicants/bidders have to complete the 'Application / Bid Preparation & Submission' stage at the scheduled date and time as mentioned above. If any Applicant / Bidder fails to complete his / her aforesaid stage online in the stipulated time schedule for this stage, his / her Application / Bid status will be considered as 'Application / Bid not submitted'.

2) Applicant/Bidder must confirm and check his/her bids even after completion of his/her activities for e-bidding.

3) Applicant/Bidder can rework on his / her bid even after completion of the 'Application/Bid Preparation & submission stage' (Application/Bidder Stage), subject to the condition that the rework must take place during the stipulated time frame of the Applicant/Bidder Stage.

4) In the first instance, online payment details of the Tender Document Fee + e-Service Fee and EMD and PQQ/Technical Envelope shall be opened. After that, the financial bid quoted by the shortlisted bidder/agency for each item, wherever required, shall be opened online. If the bidders want to participate, they are welcome to participate during the process. The bidder must submit online bids per the dates mentioned in the schedule/Key Dates above.

5) The bids shall be submitted online in two separate envelopes:

   Envelope 1:   Technical Bid

   The bidders shall upload all eligibility and technical documents online in the Technical Bid.

   Envelope 2:   Commercial/Financial Bid

   The bidders shall quote prices in the Price Bid format under the Commercial/Financial Bid.

BIDDER'S ELIGIBILITY CONDITIONS:

Sr. No.	ELIGIBILITY CONDITIONS:
1.	The bidder must submit the e-tender with the Earnest Money Deposit (EMD) of Rs.80,000/- (fixed), Rs.5,000/- as a tender fee, and deposit the e-service fee of Rs.1180/- through online mode only.
2.	All RFID equipment must be from a reputed OEM, and the bidder must upload a Tender-Specific OEM Authorisation Certificate to participate in the tender. The authorisation certificate must include the OEM's contact person, postal address, mobile numbers, email address, and their website address. The quoted RFID equipment must be listed on the OEM's official website.
3.	The bidder must be a registered firm/company in India and in business for at least 15 years. The Certificate of Incorporation, issued by a government's Registrar of Companies (ROC) is to be uploaded with the technical bid. Sub-resellers and sub-dealers are not permitted.
4.	RFID equipment must be sourced from an original equipment manufacturer (OEM) that has provided solutions to libraries in IITs, NITs, IIMs, IISERs, state and central universities, government educational institutions, public sector undertakings (PSUs), and research institutions across India. The technical bid should mandatorily include a list of at least 50 active integrations that have been operational for the last three (3) years.
5.	OEM/Bidder must have: a) A dedicated support centre in the Delhi NCR. The bidder must provide the contact details of the engineers or support centre that can be directly contacted in the event of an emergency. b) Minimum 5 live RFID installations in Delhi NCR operational for at least 3 years. The bidder shall upload the contact details of the support centre and a list of institutions, including details such as the name of the contact person, phone numbers, postal addresses, email addresses, etc., for verification.
6.	The OEM/Bidder must have at least five (5) live RFID installations in academic libraries in India, where the proposed RFID system is integrated with at least 1,00,000 books. The bidder must enclose copies of orders and certificates/satisfactory installation reports issued by the State/Central Government, Universities, Boards, Institutions, or PSUs, as proof. The third-party certificate will not be accepted.
7.	The bidder must have executed at least 3 RFID supply orders (of minimum value Rs.25/- lakhs each) in the last three financial years in the State/Central Government, Universities, Boards, Institutions, or PSUs. Copies of orders and certificates/satisfactory installation reports issued by the Institution must be uploaded as proof.
8.	The bidder must visit the site to ensure seamless compatibility between the existing RFID Tags and their proposed RFID hardware. They must also upload a site survey report signed by the competent authority, which must be included with the technical bid; otherwise, the bid will be out rightly rejected.
9.	The bidder must upload copies of the Permanent Account Number (PAN) as per the Income Tax Act, GST Registration Certificate, and Income Tax Returns filed for the last three financial years.
10.	The bidder must have a **minimum average annual turnover of ₹2.5 crore over the last three financial years**. A certificate from a registered Chartered Accountant (CA) is required to be

		uploaded as proof of annual turnover.
11.		The bidder must upload an affidavit/undertaking on non-judicial stamp paper, notarised by a notary public, to the effect that they have not been debarred/blacklisted by any Central Government/ State Government / University/ PSU, public or private institute, or organisation, or PSUs, as per **Annexure-II**. If so, particulars of the same may be furnished. Concealment of facts shall not only lead to cancellation of the tender/supply order but may also warrant legal action.
12.		Only bidders who successfully demonstrate RFID–Koha integration during the technical evaluation will technically qualify, provided they are otherwise eligible. The proposed RFID system must be integrated with the existing RFID tags already pasted in the library collections.
13.		The single party will be responsible for the system's supply, installation, and long-term maintenance.
14.		The individual signing the Tender or other documents in connection with the Tender must certify whether he/she have signed as:
	a.	A "Sole Proprietor" of the firm or constituted attorney of such proprietor.
	b.	A Partner of the firm, if it is a partnership, in which case he must have authority to refer to arbitration disputes concerning the business partnership either by virtue of the partnership agreement or a power of attorney. Alternatively, all the partners should sign the tender.
	c.	Authorised Signatory of Pub. Ltd. Corp. or Pvt. Ltd. Co.
15.		The tender must be accompanied by the Schedule of Specification (Annexure-I) in clear terms, along with a copy of the Terms & Conditions duly signed to the effect that these are acceptable.

TERMS AND CONDITIONS GOVERNING THE TENDER FOR THE SUPPLY

1. The e-tender received without tender fee, e-service, earnest money, or after the due date shall not be entertained except with the special approval of the competent authorities.

2. The **EMD and tender fee exemption be allowed for those MSMEs registered with the Ministry of Micro Small and Medium Enterprises, Govt. of India and have their manufacturing unit located in the State of Haryana** (as per Haryana State Public Procurement Policy for MSMEs 2016 vide G.O. No. 02/02/2016-41B11(1) dated 20/10/2016).

3. DNIT and prequalification criteria can be seen on the Haryana Govt. portal (https://etenders.hry.nic.in) or on the University website (https://mdu.ac.in).

4. The tenderer will keep in touch with the University Website for any change in the DNIT till the last date/revised last date of the online invited tender and incorporate such changes in the DNIT and the tender bids.

5. Only the firm(s) which have possessed the GST Number, if otherwise eligible, can quote their rates for the required items.

6. Conditional tenders will not be entertained & are liable to be rejected.

7. The tender should be submitted only if the material is readily available in your stock or can be supplied and installed within 90 days from the order date.

8. **HSN Code, if applicable, must be entered while quoting the rates.**

9. Bids shall be valid for three months from the date of bid closing, i.e. from the last date of submission of EMD. If the last day to accept the tender falls on a holiday, the tender acceptance period will be automatically extended to the next working day.

10. The bidder must visit the site to ensure seamless compatibility between the existing RFID-tagged books and new hardware/software. The bidder will provide all necessary middleware and application programming interfaces (APIs), as well as any other software/hardware required to integrate with the Koha library management software. The supplier must integrate all proposed/supplied RFID hardware systems and ensure their seamless functionality with the already installed Koha library software and tagged books/records. As re-tagging is not feasible, fulfilling this requirement is mandatory.

11. **The bidder is required to assess the old RFID hardware already installed in the library (Annexure-IV) and mandatorily provide the best quotation for its buyback.** The bidder will be responsible for the cost of dismantling and picking up the old hardware once the necessary paperwork is completed after installation of the new hardware.

12. The societies shall produce an attested copy of the resolution of the Executive/Governing body for the issuance of tenders.

13. The University is situated within the Municipal Limits. As such, octroi, if any, shall be payable. If the material is supplied through a Transport Company by road, the transport company's charges, labour charges, and octroi charges shall be borne by the supplier. It should be specified whether the material will be sent by rail or road through a transport company.

14. **The University is registered with the Department of Scientific & Industrial Research, Ministry of Science & Technology, New Delhi, in terms of Govt. Notification No. 10/97-Central Excise dated 1 March 1997 and Notification No. 51/96-Customs dated 23.7.1996 vide Registration No. TU/V/RG-CDE(244)/2020 dated September 18, 2020 up to August 31, 2025. Thus, the University is exempted from payment of Customs Duty and Excise Duty. The consignee shall issue necessary certificates duly countersigned by the Registrar, M.D. University, Rohtak, to avail of the exemption.**

15. The rates should be quoted only for the required or higher specifications. The technical specifications of the equipment required must accompany the tender. The University's decision will be final regarding the equipment to be purchased.

16. The bidder shall provide a separate quote for the manufacturer's extended warranty for the next 2 years, beyond the mandatory three-year onsite warranty, covering the 4th and 5th years.

17. The rates should be carefully filled up both in words and figures. All costs/charges, such as standard on-site warranty, packing, forwarding, freight, and insurance charges, must be quantified in terms of amount and clearly stated. These charges will not be payable for vague statements such as "packing, forwarding, freight and insurance charges, etc." Non-quantified costs/charges shall not be considered and paid.

18. **The quoted rates should be inclusive of the following charges, if any:**
    i)   **F.O.R. shall be the Vivekananda Library, M.D. University, Rohtak.**
    ii)   **Rates of GST/Excise Duty (in per cent), if any. Please note that the University does not issue Form 'C' or 'D'.**
    iii) **Payment terms.**
    iv)   **Delivery period.**

    v) **Guarantee/3 years onsite warranty period.**
    vi) **After-sales service.**
    vii) **Installation charges, if any.**
    viii) **Validity period of the tender.**
    ix) **Bank Draft charges, if any.**
    x) **Misc. charges such as Packing & Forwarding, Insurance, etc., if any.**

19. **The standard manufacturer's warranty period for the item should be a minimum of 3 years with Next Business Day On-site Service Support from the date of successful installation and certification by the University Librarian.** In case of any breakdown/ non-functioning, or malfunctioning of the machine during the warranty period, the supplier shall have to attend to the complaint within 24 hours (or the next working day in case of holidays) after receiving a verbal/written/email complaint and will make the machine functional free of cost. In case the system has to be taken out of the university campus, the bidder shall provide a standby support system / peripheral with the same or superior specifications. Guarantee/warranty information for items must be provided.

20. The vendor shall ensure that all the technical support centres are manned by fully competent and responsible engineers and are capable of attending to faults/supporting their engineers at the MDU, Rohtak. The vendor shall also provide alternative details of a person with a mobile number, email ID, and address, which may be contacted by the University Librarian/Representative at MDU, Rohtak, or its authorised staff for support in case of no response/poor response from the designated technical support centre.

21. The material samples, if necessary, shall be supplied by the tenderer. The unapproved samples shall be collected on receipt of information from the library. Samples costing less than Rs.100.00 shall not be returned to the quotees. However, if the quotees wish to take the same back, he can collect at their own cost within a period of one month, failing which the samples will be disposed of.

22. **The e-tenders shall be opened in the office of the University Librarian, Vivekananda Library, M. D. University, Rohtak, by the Committee as per the schedule given in Key Dates.** The bidders or their authorised representatives are allowed to attend the meeting of the Tender Opening Committee at their own costs.

23. If the day of the tender opening falls on a holiday, the tenders will be opened on the next working day. The time and place of opening the tender, as well as other conditions, will remain unchanged.

24. Any other conditions as may be deemed appropriate shall be announced at the time of the Opening of Tenders in the presence of Bidders.

25. The tenders of the bidders who do not satisfy the eligibility/qualification criteria in the bid documents are liable to be rejected summarily without assigning any reason, and no claim whatsoever on this account will be considered.

26. The acceptance of the tender shall rest with the Committee/ Vice Chancellor, who does not bind itself to accept the lowest tender and reserves the right to reject any or all items of tenders without assigning any reason thereof. The Committee/Vice Chancellor also reserves the right to accept a tender in part, i.e., any item or quantity, and to reject it for the rest. The University may reject any tender or all the tenders, and any work/order, here tendered, may be withdrawn from further processing at any stage at the discretion of the competent authority without assigning any reason.

27. The Committee reserves the right to negotiate thereafter if considered necessary.

28. Though the overall total cost quoted for all items will be considered to finalise the L1 firm (the lowest rate quote firm), the items will be purchased from the firm(s) based on quality and not merely on the lowest rates.

29. The firm shall also quote the rates for the upgradation of the existing Book Drop system. The final decision of upgradation/replacement will be made by the University.

30. The rates accepted by the University shall be applicable up to 180 days, and the supplier shall have to make a supply during the period as and when required.

31. The vendor will ensure seamless integration with existing RFID Tags and Koha software. The

vendor will supply, install and configure all supplied goods within the time limit specified in the supply order. **If the material is not supplied within the delivery period, the supplier shall be liable to pay the University the compensation amount equivalent to 1% (one per cent) of the material cost each day or such other amount as the CPC/University Librarian may decide till the supply remains incomplete, provided that the total amount of compensation shall not exceed 10% (ten per cent) of the total cost of material supplied.** However, an appeal against these orders shall lie with the Vice-Chancellor, M.D. University, Rohtak, whose decision shall be final.

32. It shall be the responsibility of the firm/company to make all the equipment work satisfactorily throughout the contract period and also to hand over the systems to the university in working conditions on the expiry of the contract. In case any damage to the systems of the university is found, compensation, which would be determined by the University's Competent Authority, will have to be paid by the firm.

33. The vendor will replace any defective equipment according to warranty terms at no additional cost to the University.

34. The OEM/Vendor must provide regular software and firmware updates for RFID hardware at no extra cost during the warranty period. It should be possible to install the middleware/integration module/software for tagging on any number of computers or laptops. The tagging process should function independently to facilitate tagging jobs at any location.

35. The software provided in the system carries a perpetual license. The vendor must provide detailed documentation for the configuration, administration, and troubleshooting of the RFID hardware and software supplied to the library.

36. The vendor must conduct at least a two-day onsite training session for library staff covering installation, configuration, maintenance, and troubleshooting of the material supplied by the vendor.

37. In case the supplier/contractor declines/fails to execute the supply order/contract on the rates and terms and conditions as contained in the supply order within the stipulated period, they shall be liable to such action as blacklisting, debarring from having any business with this University, forfeiture of earnest money/security deposits, besides any other action as may be deemed proper by the University.

38. The Committee constituted by the CPC / VC is competent to increase/decrease the quantity of items without any prior intimation. In case of a decrease in the quantity of items, the bidder shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work/order in full.

39. The acceptance of the material shall be subject to a satisfactory report of the Committee/Technical Committee/Experts Committee.

40. The successful bidder will mandatorily deposit a 5% Performance Security of the total cost of the supplied item(s) in the form of a Bank Guarantee/Demand Draft, along with the invoice submitted for payments, failing which the invoice shall not be admitted. The Performance Security shall remain valid for sixty days beyond the date of completion of the supplier's contractual obligations, including warranty obligations. The same will be released after sixty days have passed since the warranty period has been completed. The Bank Guarantee/Demand Draft shall be drawn in favour of the Finance Officer, M. D. University, Rohtak, payable at Rohtak. The EMD/Performance Security deposit shall be forfeited if the firm fails to replace the damaged/defective/or below-standard material within the stipulated period at its own cost. The University will not pay any interest on the security deposit.

41. As a general policy, the University tries to make 100% payment as early as possible after the receipt of the material and its proper installation report to the entire satisfaction of the Inspection Committee. No advance payment or payment against documents negotiated through the Bank shall be made.

42. TDS and any other statutory tax/cess/levy shall be deducted at source as per the Government Rules.

43. EMD of unsuccessful bidders will be returned on completion of the Tender process. No interest

shall be paid on EMD.

44. Terms and conditions printed on the tender bid/Invoice of the firm, if any, shall not be binding on the University, except those mentioned specifically in the supply order of MDU, Rohtak, and your acceptance of the order shall be construed as your agreement to all the terms and conditions contained in the order/tender document.

45. In case of any dispute relating to this contract, the matter shall be referred to the Arbitrator to be appointed by the Vice-Chancellor, whose decision shall be binding on both parties.

46. The dispute, if any, shall be subject to the jurisdiction of the Courts at Rohtak. Any other jurisdiction mentioned in the tender or invoices of the manufacturers/distributors/ dealers/suppliers, etc., shall be invalid and shall have no legal sanctity.

47. In case any other information/clarification is required, the undersigned may be contacted at Telephone No. 01262-293002 on any working day (Monday to Friday) during office hours (9 a.m. to 5.00 p.m.).

48. All documents must be sequentially numbered, duly stamped and signed by an authorised signatory.

49. The agency/firm shall also append the following declaration with the tender:

DECLARATION

I/We (Name) of the firm_____ do hereby solemnly affirm and declare that the facts stated in the Technical Bid are correct and true to the best of my / our knowledge and belief, and nothing has been concealed therein. In case of any concealment or misrepresentation detected at any stage, I/we will be liable to legal action under Section 182 and Section 415 read with Section 318 or any other applicable Sections of the Bharatiya Nyaya Sanhita (BNS) 2023 or latest, as the case may be.

Place: _____
Date: _____

_____
(Signature of the Tenderer)
Full name, designation, address,
with seal & stamp

UNIVERSITY LIBRARIAN

The above terms & conditions of the University, as mentioned at Sr. No. 1 to 49, are acceptable.

Signature of the authorised signatory of the firm
(With seal/stamp of the firm)

PART-II: SPECIFICATIONS OF THE HARDWARE:

Note: The bidder must upload images of the designs for all items with the tender document and will be responsible for supplying the items in accordance with the colours and designs selected by the library. Equipment Type Approval (ETA) Certificate is mandatory for all wireless equipment from WPC, Ministry of Electronics & Information Technology, Government of India.

1. **RFID Security Gates (3 pedestals, Double Lane):** The Library Security Gate should include 3 (three) interdependent theft detection pedestals having an overlapping protection zone providing additional security and being able to detect genuine RFID tags in 3D Orientation. The system should have a suitable number of I/O ports for the Standard electronic counter, webcam trigger, CCTV, locking gates, etc. It should also have multi-line infrared motion sensors to detect library footfalls and in-out numbers. The Gates should be complete in terms of all aspects and must include all components required to function the library security gate system. The CCTV should be connected to the Security Gate for capturing a photograph of the instance of possible theft when the alarm is triggered. The system software shall be able to provide all statistics of the gate, including the people counter and a list of items that generated an alarm at the Librarian's desk.

Minimum Specifications	
Parameter	**Technical Specs**
Operating Frequency	13.56 MHz
Power Supply	240v±10%/ 50Hzs
Power consumption	30 Watts maximum for each EAS pedestal
Transmitting/RF Power	Minimum 4 Watts to 6 Watts variable
Operating Temperature	-10°C to +60°C
Read Range	Minimum 120 cm between two EAS pedestals (Max. up to 150 cm)
Reading Speed	Minimum 8 tags per second in all 3 directions
Gate Synchronization	RF Protocol
Dimensions (HxW)	Minimum 1650mm X 530mm X 20mm (or any other standard size approved by the University)
Alarms	Lights and Buzzer (visual and audible) with adjustable volume
EAS System	Digital Signal Processor
Security Modes	EAS & AFI
Communication Interface	Ethernet remote maintenance/USB
Chip Compatibility	ISO 15693 / ISO 18000-3
Weight	Minimum 25 Kg each pedestal or higher
Housing Material	High-quality Acrylic/Clear plexiglass, weather and UV-resistant

2. **Book Drop (1 No.): Modern design (to be approved by the library):**

Minimum Specifications	
Parameter	**Technical Specs**
Design	Modern design
Operating Frequency	13.56 MHz, Max. Transmitting power: 1.2W
Power Supply	240v±10%/ 50Hzs
Interactive Touch Screen	Minimum 21.5", Photo Frame Design, IR Touch, Connectivity- Analog, HDMI, MHL, USB & Audio Cable. Resolutions: 1920 x 1080 Tilt: -15°~57° Built-in Speaker: Minimum 2W audio output
Slip Printer (Auto-Cutter)	80 mm Thermal slip printer (branded) Connectivity Options: Ethernet, USB, Wireless LAN Print Speed: Minimum 150 mm per second
Book Cart	Light Aluminium Book cart with a vertically movable base plate, with a handling capacity of up to 100 books
CPU	Small Form Branded CPU (minimum i5, with 8 GB RAM, 512 GB SSD, Windows 11 OS or latest) from Dell/Lenovo/HP
Communication Interface	Ethernet
Supported Tags	ISO 15693, ISO 18000-3-A (NXP SLI, SLIx, SLIx2), and all other tags already used by the library
Housing Material	High-quality laminates minimum 18 mm thickness (resistance to moisture and termites, 1st Quality Only) OR Composite Material.
Software	RFID web client to integrate with the existing Koha LMS for self-check-in functions.

3. **Staff Station for library use (4 Nos.)**

The integrated unit with an inbuilt shielded antenna, from the manufacturing level, should be ISO 15693, ISO 18000:3 compliant. The station should interface with the existing Koha Library Management System (LMS). The vendor will provide suitable software for the staff stations, integrating RFID functions into the circulation workflow and tagging of library items. The staff station should have a facility with a barcode scanner and provision for integrating an STQC-certified biometric scanner.
Client Software should support the following features: ▪ Defining Admin / User mode ▪ Book/Member tagging/re-tagging after online validation of the matching record from Koha LMS. ▪ Tag monitoring by accessing title records from Koha LMS. ▪ Issue/Return/Renewal of already tagged and newly tagged books. ▪ Circulation of the items using SIP2/NCIP V2.0 protocol ▪ Provision of transaction slip printing in a format provided by the library. ▪ Provision of Reports/logs related to tagging/circulation and enquiry of checkouts against a member and their due dates.

Minimum Specifications	
Parameter	**Technical Specs**
Communication Interface	Standard USB 2.0 or higher, power over USB. No external power supplies should be required.
Operating Frequency	13.56 MHz
Power supply	5V to 12V
Read Range	Up to 30 cm
Transmitting power	1W with an anti-collision algorithm
Supported Transponders	ISO 15693 and ISO 18000:3 (Optional 14443A)
Certification Required	CE/FCC/ETA
Dimensions (LxWxH)	Minimum 290x210x20 mm OR other dimensions for easy hold of large-size books (to be approved by the library)
Indicators	LED/Buzzer for power, read verification, etc.
Operating Temperature	-10°C to +70°C
Housing Material	ABS (Includes metallic shielding)/composite material/Plexiglass with integrated LEDs showing the operational status

4. **Portable Handheld RFID Reader (2 Nos.):** The reader specially designed for library purposes with application software for library collection, shelving, stock taking, searching the missing items, and security checks. The portable handheld reader must incorporate an ergonomic design to aid the users in reading shelves at all levels and be easy to use.

Minimum Specifications	
Parameter	**Technical Specs**
CPU	Portable Handheld RFID Reader with in-built CPU
Operating Frequency	13.56 MHz
Read Range	20 cm to 30 cm or above (depending upon the transponder)
Read Speed	40 tags per second
Supported Tags	ISO 15693, ISO 18000-3-A (NXP SLI, SLIx, SLIx2), and all other tags already used by the library but not mentioned here.
Weight	Maximum 1 Kg including battery, RFID reader, antenna, computing unit, and any other components that must be carried by the user.
Memory	64 GB ROM + Minimum 8 GB RAM Memory with additional support of MicroSD card support up to 256 GB or higher
Display Screen	Minimum 6.21" Capacitive Touch Screen and Daylight readable
Operating System	Android/ Microsoft® Windows Embedded CE 6.0
Communication Interface	Wi-Fi (IEEE 802.11b/g) and Bluetooth 5.0, Ethernet 10/100 & USB 2.0 via charger
Operating Temperature	-10°C to +60°C
Battery Backup/Charging	Minimum 4500 mAh Lithium Ion, Rechargeable Standard Mode 16 hours / Boost Mode 8 hours' power backup with One Spare Battery and Charger.
Indicators	LEC/LCD display for Power, Read, Error, and configurable buzzer
Any other	- The reader must have an audible tone or visible indicators to verify that the item has been identified - Desktop charging cradle with USB connection, along with Client software for locating missing RFID-tagged items (uploading/importing a list of accession numbers to find missing books), Inventory, etc.

5. Multi-Purpose Self-Service Kiosk (2 Nos.):

Multi-Purpose Self Service Kiosk for RFID-based self-issue/return facility, attendance management system, digital library functions like browsing OPAC, quick links, library policies, etc.	
Minimum Specifications	
Parameter	**Technical Specs**
Housing Material	High-quality laminates, minimum 18 mm thickness (resistance to moisture and termites, 1st Quality Only) / Composite material
Display Screen	21.5" Touch Screen with integrated i5 branded CPU (16 GB, 512 GB SSD) with Windows 11
Standard	RFID Reader Kit (ISO 15693 / ISO 18000-3) with barcode scanner and provision for biometric reader
Slip Printer (Auto-Cutter)	80 mm Thermal slip printer (branded) Connectivity Options: Ethernet, USB, Wireless LAN Print Speed: Minimum 150 mm per second
Client software for Patrons	• Check-out / Check-in / Renew of RFID-tagged books integrated with Koha LMS • Provision of slip printing containing transaction details along with E-mail / SMS as per the facility available at the site. • Self-Attendance • Member account details (Overdue / Fine / etc.)] • OPAC along with the facility to 'Know your library'
For Check-in Facility	• Book Receiving Cart for Multi-Purpose Self-Service Kiosk • Light Aluminium Book Cart with a vertically moveable base plate with a handling capacity of upto100 books • Black textured powder-coat • Corner casters (one swivel locking)

6. OPAC Kiosk (5 Nos.):

Minimum Specifications	
Parameter	**Technical Specs**
Purpose	For library functions like browsing OPAC directly from Koha LMS, 'Know your Library' quick links, library policies etc. The OPAC system should also enable users to login to their KOHA account and pay the fine directly from there using all the digital payment methods applicable if so desired by the library.
Display size and CPU	21.5" Touch Screen with integrated i5 CPU (8GB RAM, 512 GB SSD) with Windows 11 OS and Interactive Software for patrons Connectivity - Analog, HDMI, MHL, USB & Audio Cable. Tilt: -15°~57° Built-in Speaker: Minimum 2W/Audio In & out*1
System Height	System height should be around 5 feet
Communication Interface	Ethernet
Housing Material	High-quality laminates minimum 18 mm thickness (resistance to moisture and termites, 1st Quality Only) / Composite material
Software	Software layer for OPAC integration.

7. ID Card Printer (2 Nos.):

Minimum Specifications	
Parameter	**Technical Specs**
General	The latest high-speed RFID PVC card printer with a direct-to-card printing capability and full edge-to-edge colour printing on both sides in a single process. It also includes a multi-status LED operator display.
Feeder Capacity	100 cards (24 mil) capacity feeder
Resolution	Minimum 300 dpi print resolution
Memory and drivers	32 MB memory standard, Microsoft® Windows® drivers
Print Method:	Dye Sublimation / Resin thermal transfer. Licensed Software to print ID cards is also to be provided.
Communications and Interface Capabilities:	USB 2.0 Standard, Built-in 10/100 Ethernet, 802.11ac (Optional).
Any other	• One set of spare ribbons and cleaning kit • 500 nos. of ISO15693 RFID Card

Undertaking (on a Non-Judicial Stamp Paper)

This is to certify that M/s _____, address

_____, has not ever been debarred/blacklisted by any

Central Government/ State Government / University/ PSU / Public or Private Institute / Organization etc.,

for any reason at any point of time and no legal case/proceedings is pending against the Agency as on date.

Place: _____

Dated: _____

_____
(Signature of the Tenderer)
Full   name,   designation,
address with seal & stamp

List of Technical Documents/Evaluation Proforma:

Sr. No.	Description	Document submitted (Yes/No)	Page No.	Remarks
1.	Proof of tender document fee, EMD, and e-Service Fee			
2.	Tender-Specific OEM Authorisation Certificate			
3.	The Certificate of Incorporation, issued by the Registrar of Companies (ROC)			
4.	List of at least 50 libraries where the OEM has provided solutions and integrated installations in the libraries, operational for the last three (3) years.			
5.	Proof of the dedicated support centre with a list of minimum 5 live RFID installations in Delhi NCR operational for at least 3 years.			
6.	List of at least five (5) live RFID installations in academic libraries in India, where the proposed RFID system is integrated with at least 1,00,000 books			
7.	Copies of three supply orders for a minimum value of Rs.25/- lakhs each, and certificates / satisfactory installation reports executed in the last three financial years			
8.	Site survey report signed by the competent authority			
9.	Copies of Permanent Account Number (PAN) and GST Registration Certificate			
10.	Income Tax Returns filed for the last three financial years			
11.	Certificate from a registered Chartered Accountant (CA) for an average annual turnover of ₹2.5 crore during the last three financial years			
12.	Uploaded the Declaration			
13.	Undertaking on non-judicial stamp paper, notarised by a notary public, as per Annexure-II			
14.	Schedule of Specification (Annexure-I) in clear terms, along with a copy of the Terms & Conditions duly signed to the effect that these are acceptable.			

List of hardware available for buyback:

Sr. No.	Item description	Quantity	Year of purchase
1.	RFID Security Gates (3 pedestals, double Lane): TagSys LSP3 clear model	1	2013
2.	Book Drop: Having Kiosk enclosure, media P200u RFID Reader, LSA4 SHD Antenna, LCD Monitor, Dell CPU, Kiosk printer EU-T300, 200 Books receiving cart etc.	1	2012
3.	Staff Stations: TagSys Media P200u RFID reader, LSA4 SHD Antenna	4	2012-2013
4.	Information Kiosks: HCL make - Pentium M 745 processor-based, 1GHz processor speed, 512 MB RAM, LCD display 48.3 cm (19") size, 1280X1024 resolution, Touch Screen, Antiglare and overplay glass, free-standing type etc.	7	2010-2013