

**IISWBM****NOTICE INVITING TENDER**

Sealed tenders under Two Bid system (to be submitted in separate sealed covers 1. Technical bid, 2. Price bid) are invited by IISWBM, Management House, College Square (West), Kolkata-700073 from the reputed, bonafide and reliable vendors/bidders having sufficient experience and credentials for successful completion of "Similar Nature" of work in academic institution libraries / College libraries/ University libraries / Public libraries for **"Implementation of RFID devices and Integration with Koha Software in IISWBM Library"**.

Tender document with all details, including terms & condition are available from the office of the AAO during office hours on all working days from 18th September 2026 to 30th September 2026 between 11-00am to 4-00 pm. The interested bidders may also download tender documents from the Institute's website (www.iiswbm.edu). The last date of submission of sealed tender to be completed in all respect including all required documents by 4-00 pm. on or before 05th October 2026.

(A) TECHNICAL BID: The Bidders should submit only the following documents with the Technical bid in a separate sealed envelope:

1. The name, mail id and phone number of the authorised signatory of the bidder in the letter head .
2. Address Proof – The bidders should have an office in West Bengal preferably in Kolkata for fast problem solving. Documentary proof has to be attached.
3. A copy of the valid Trade Licence (self-certified).
4. Self-certified photocopy of GST Registration Certificate
5. Self-certified copy of the PAN card of the bidder.
6. Self-certified photocopies of ITR of the Assessment Years 2025-26, 2024-25 and 2023-24.
7. OEM Certificate (as instructed in point c of Annexure – III)
8. Valid Authorized Dealership Certificate from the OEM
9. Certificate of Incorporation from the Registrar of Companies
10. Certificates for ISO9001:2015 and ISO27001:2022, CE, CMMI and ETA Certificate: (attach self-attested copy)
11. Specification compliance with all features and facilities to be mentioned in the in the letterhead of the bidder.
12. Copies of at least two (2) number of recent (not more than three years old) work orders in support of the experience (except that of IISWBM).
13. Signed Tender documents including Annexure – I, II, III, IV and V
14. Bidder should inscribe the company name, address, contact no. and e-mail ID on left bottom corner of the envelopes.

(B) PRICE BID:

Price bid shall be opened for the technically qualified bidder only. Bidder should submit only the following documents with the **Price bid in a separate sealed envelope:**

1. Rate should be quoted for each item as per Annexure – V in the letter head of the bidder.
2. Price Bid should be signed by the authorised signatory of the Bidder under rubber stamp of the Bidding company.

Superintendent

Important Information:

Available date for collection of Tender Documents	Submission of Tender Documents
From 18 th September 2026 to 30 th September 2026 between 11-00 am to 4-00 pm on all working days; alternatively this may be downloaded from the official website of IISWBM.	By 4-00 pm on or before on 05 th October 2026

For enquiry date and time: 18th September 2026 to 01st October 2026 from 11-00 am to 4-00 pm.
(Please contact at Library of the Institute)

Opening of Tender Documents: For Technical Bid : 06th October 2026 at 2.30 pm.
For Financial Bid : 08th October 2026 at 2.30 pm.

General Terms & Conditions:

1. Payment will be made by A/C Payee Cheque / NEFT against submitted Tax Invoice after completion of the work with satisfaction. No advance payment will be made.
2. 10% of the total bill amount will be deducted from the bill as security deposit. Security Deposit will be released after 01 (one) year from the date of raise of final bill, if work found satisfactorily. Security Deposit shall not carry interest of any kind.
3. The rate should be valid for at least 60 days.
4. Rate should be in INR; GST and other charges to be specified extra.
5. Period of completion of work should be within 01 month from the date of issue of WorkOrder by the IISWBM.
6. Any deviation in technical specification will be summarily rejected.
7. Tender papers should be signed in all pages with seal.
8. The tender should be prepared and submitted after carefully pursuing the complete tender documents including the terms and conditions.
9. Institute takes no responsibility for delay / loss or non-receipt of tender documents sent by post.
10. No sub-contract will be permitted.
11. The Institute reserves the right to reject any / all tenders or cancel the acceptance tender without assigning any reason.
12. Any conditional bid shall be summarily rejected.
13. LD Clause: If the job cannot be completed within schedule time, a sum of Rs. 100/- per day will be deducted as a penalty for each additional day.

Instructions to the bidders

- a. The Original Equipment Manufacturer (OEM) or the authorized dealer of the OEM will be eligible to participate in the Tender. No other Dealer or Re-seller will be allowed to participate.
- b. The OEM shall submit the Proprietary Certificate as instructed in point (c) of Annexure - III. The same should be provided in the envelope of Technical Bid along with other documents.
- c. If the bidder is an authorized dealer of the OEM, the valid authorized dealership certificate from the OEM is to be provided in the envelope of Technical Bid along with other documents.
- d. The OEM must have adequate Service Personnel for providing on-site installation service within the stipulated time.
- e. The entrusted OEM must supply and work as per the terms and conditions in the work order. All supplies must be certified and from one single vendor. Supplied components must satisfy the specifications and guidelines, as applicable.
- f. Delivery & Installation will be governed by the stated guidelines and associated standards & in line with the scope of work defined in this document. The delivery/ supply of the materials is to be made by the successful OEM/Bidder at respective location only. The Post installation warranty supports are the sole responsibility of the Original Equipment Manufacturer (OEM).
- g. Services within installation, warranty period must be rendered with OEM for hardware and software.
- h. The bidders should have proper set up and infrastructure in all respects to provide after-sale service to the Institute.
- i. All hardware component service items along with software should have minimum warranty period of 1 year from the date of installation and commissioning of the system by the user. Within warranty period, the entrusted OEM and or bidder will replace, reintegrate faulty, buggy components. Warranty Certificate is to be provided by the successful bidder after completion of the job along with the Tax Invoice.
- j. All materials are to be delivered at IISWBM, College Street Campus.

Annexure – III

NIT No. IISWBM/Library/01/26-27

Date : 18th September 2026

ELIGIBILITY CRITERIA FOR THE BIDDER/OEM

- a. The Vendor must be registered under Companies Act 1956/2013 of Indian Government. Documentary proof has to be attached.
- b. The OEM should provide valid ISO9001:2015 and ISO27001:2022, CE, CMMI and ETA Certificate. Documentary proof are to be attached.
- c. The OEM must be provide (OEM) Original Equipment Manufacturer certificate in from of Manufacturing License/ Notarized Document in non-judicial stamp paper or any Govt. Registration copy as Manufacturer.
- d. The Vendor should be a listed vendor in Koha Community also. So that they can Upgrade the Koha Software and Integrate it with RFID. Documentary proof are to attached.
- e. The Vendor should have implemented RFID integration with Koha Software in at-least 5 (Five) libraries of Higher Education Institute/Colleges in West Bengal. Documentary proof have to attached.
- f. The vendor should be sole supplier of all the products (Software/Hardware). No third party/joint venture/subsidiary/ will be entertained.
- g. The vendor must not rejected by any College/University for poor service or disability for complete job.
- h. OEM should submit an affidavit on a non-judicial stamp paper for not having been blacklisted/de-listed for minimum of Ten (10) years by any of the Institutes or Universities or Government organizations in India.

NIT No. IISWBM/Library/01/26-27

Date : 18th September 2026

The Director
IISWBM
College Square (west)
Kolkata:700073

Sub: Application for "Implementation of RFID devices and Integration with Koha Software in IISWBM Library" as per details given in the tender document against your Advertisement in the Newspaper / Institute's Web-site / Notice Board.

Respected Sir,

In view of the above, we would like to apply for the same. Our details information are as stated here under:

1. Name of the organization :
2. Address of the organization :
3. Contact No. :
4. e-mail ID :
5. Trade Licence No. (attach self-attested copy) :
6. PAN No. (attach self-attested copy) :
7. IT Return for Assessment Years 2025-26, 2024-25 and 2023-24 (attach self-attested copy) :
8. GST Registration No. (attach self-attested copy) :
9. Experience Proof (attach at least 2 recent (not more than 3 years old) Work Orders (except IISWBM) :
10. OEM Certificate (as instructed in point (c) of Annexure – III) :
to be attached in Technical Bid
11. Authorized Dealership Certificate from the OEM : to be attached in Technical Bid
12. Certificate of Incorporation from the Registrar of Companies : (attach self-attested copy)
13. Certificates for ISO9001:2015 and ISO27001:2022, CE, CMMI and ETA Certificate: (attach self-attested copy)
14. Other information / documents , if any :

Thanking you,

Yours faithfully,

(Signature with seal)

Date:

Annexure – V

NIT No. IISWBM/Library/01/26-27

Date : 18th September 2026

Scope of Work

Sl. No.	DESCRIPTION	SPECIFICATIONS	Qty.	Rate	Amount
1.	UHF RFID Tags for Books	Tag should only read by the RFID readers and tag must be rewritable. • EPC Gen2 (v1.2.0) compliant 840-960 MHz • Dimension: 3.992" [101.4mm] x 0.625" (15.875 mm) • Integrated Circuit Alien Higgs-3 • Operating Frequency 840-960 MHz • EPC Size 96-480 Bits	30,000		
2.	Watermarked Sticking Labels with Institutes Logo	Minimum half inch larger than the tag on all the sides. The thickness should be 350um Max With UDV Paper. The printing should be Color Printed 4+0 with die Cutting in roll form and not in sheets. Color Printed institute's Logo including strong adhesive (non-removing adhesive) with optical watermark with Library branding. The Samples to be provided before supply.	30,000		
3.	UHF RFID Staff workstation reader for book read and write	This is used for book tagging by the staff of Library. This is also used for book lending by the staff at the circulation desk. This works as a smart RFID desk also. • UHF middle-distance integrated reader • Processor: ARM CORTEX M3 100M • Memory: RAM 16Kbits + FRAM 32Kbits. • Frequency : 860MHz-868MHz (CE) • Protocol : ISO 18000-6B, EPC Gen2 • Interface: RS232, RS485, TCP/IP • GPIO: 1 Relay output, 2 TTL outputs, 2 TTL inputs • Reading Range : 5-8m • Power Consumed : DC+9V/12V • Tag book/Patron only done after authentication from ILMS software through API system. • Circulation Books through RFID software using SIP only. • At the time of circulation Patron Fine with Patron Image shows through API only. • Book Check in time if patron has fine then Book's title shows red color. • RFID Software works with Library Card or without Library card.	01 No.		

4.	RFID Software for Integration of Koha ILMS. All supplied items integrate with LMS Koha (version 24.05.03) using SIP.	ILMS software through API system. • All supplied items integrate with LMS Koha (version 24.05.03) using SIP. No data base or source code will be shared. • Circulation Book through RFID software using SIP only. • At the time of circulation Patron Fine with Patron Images show through API only. • Patron Fine paid through SIP in RFID software. • Book Check in time if patron has fine then Book's title shows red color. • RFID Software works with Library Card or without Library card. • Patron Detail shows Patron image, fine, circulation history through API. • Circulation history of RFID software can also be seen through ILMS software. • RFID Software doesn't contain any kind of database credentials. • RFID Software also works if ILMS software updates in future.	01 No.		
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	UHFRFID Security Gates (read up to 3 meter)	Gate antenna system which reads the tag in all three orientations. It is a combination of Gate Antennas and Long range reader. It should be keep log of all items passing through the gates. It also sounds buzzer on passing of unauthorized items or as per configuration set. • Frequency : 860MHz-868MHz(CE) • Protocol : ISO18000-6B EPCG2 • Reading Range : 3M • Power Consumed : DC+9V/12V • Interface: TCP/IP • Sound Alarm & LED glowing for theft indication • Powered by Impinj Speedway reader • RFID Gate must work either circulation done by RFID Software or ILMs software through SI Ponly. • Gate also create log report with date time and Bar code number of the non properly issued books. • Gate Software works with Library Card or without Library card.	1 pair		
6.	UHFRFID White PVC Smart Card	This acts for the Library Card issued to patrons from the library. This card is compulsory while the book lending. The cards are re-writable for next year's students. This can be made printed also, by any professional card printer. • Dimensions: 85×54×0.84mm(3.3×2.1×0.3in) • Case material: PVC • Operating Temperature: -10°C to +50°C • Operating frequency: 860-960MHz • Supported standard: EPC global Class 1 Gen2; ISO18000-6C Read distance: Upto 10m/ 32.8ft • Chip type: UCODE G2XM • Memory: 240-bit EPC; 64-bit TID; 512-bit programmable. • user memory • Functionality: Read/Write • Data retention: >10 years	1500 Nos.		

7.	PVSdualside colourCard Printer (Thermal Transfer Technology)	• High-performancecardprinter,tocreatecardswithan appropriate level of security. • Printing-Double-sidedSingle-sided • Encoding-MagneticstripesNoencodingoption • Smartcontactless • Cardlifespan-Upto3yearsUpto5years • Numberofcardsperyear-Between5000and50000 • Between500and5000Lessthan500 • Cardsecuritylevel-HighStandard • Interfaces:USB,Ethernet,Wifi(optional)	1 pc		
8.	WebCam	• LogitechHDQuality • VideoResolution:HD720p/1080pVideo Calling Support • PhotoResolution:Upto3MP/5MPSnapshot • FrameRate:Upto30FPS • Connectivity:USB2.0Plugging&Play • Color: Black • MountingType:Universal ClipforLaptop&Monitor	1 pc		
9.	PenTablet	• PenTablet:StarXP-Pen • DeviceType:Graphics/DrawingPen Tablet • ActiveArea:Approx.6×4Inch/10×6Inch • PenType:Battery-FreeStylus • Resolution:5080LPI • Connectivity:USBInterface • Compatibility:Windows, macOS, Linux, Android • Color: Black • Usage:E-Signature,	01		
10.	Colourthermaltransferribbon (YMCKO)	• Colourthermaltransferribbon (YMCKO)	2 pc		

11.	RFID Handheld reader for stock verification	Hand-held reader should be wireless for Inventory management. The user interface is in android based platform with a wide touchscreen, which is easily accessible as we are familiar with android nowadays. This can read book tags for stock verification. • Device must be Android based. • Applications should have facilities like item identification, stock verification, Patron image capture and upload to ILMS software, Book tagging and RFID Card tagging. • Software also work if ILMS software will update in future. • OS:- Android version- 9 or higher • WWLAN:- FDD B1 B3 B7 TDD B3 B39 B40 WCDMA B1 B2 B5 B8 EVDO BC0 GSM B2 B3 B5 B8 • Display:- 6.4 inch IPS 1280*720 • Camera:- 8MP • Battery:- Rechargeable Li-ion Battery, 5000mAh, 7.4V • Memory capacity- 64GB, memory expendable facility should be up to 128GB			
12.	Jobwork	Job work of tagging the Books & other material / goods. The accession number entered in the tag should be in international standards like Danish/NBD/ISO 28560 format. UID mapping of the tags strictly not acceptable.	30,000		

13.	Gate Register Software with Digital Entry Reader	- The Software should integrate with the Library Management Software KOHA through API. No Code will be shared. - Integrated with reader for patron ID Card - It should be creating Library attendance management with the RFID. No code will be shared nor direct database access from Koha will be made. It will be the sole responsibility of vendor to connect them. - It will access the data of Pre Registered patrons in Koha, no need to register patrons data in another software - Fetching the details of Patrons within time & out-time Download reports in excel monthly/yearly/weekly by one click. - Auto exit if card not shown while exiting the library.	01 No.		
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Total (Excluding GST)

Add: GST @ ____%

Total (including GST)

*Note: The above rate shall be excluding GST

Onsite training of all the equipments associated with RFID system as well as LMS complete modules operation is required. Complete manual / guide / software for operating RFID equipments to be provided.

Signature of the Bidder

Date :