Management Development Institute Murshidabad
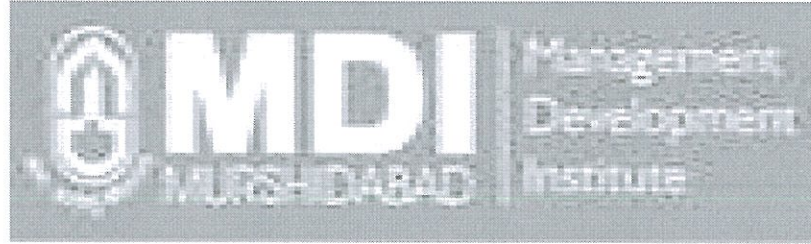

Notice Inviting Tender

TENDER NO. –MDIM/LIB/RFID/Tender/2019-124

Date-28.02.2020

Tender document for implementation of Radio frequency identification (RFID) system for Library in Management Development Institute-Murshidabad Campus.

Management Development Institute-Murshidabad

Jangipur Mega Food Park

Sakim-Katnai, kulori, PO-Uttar Ramna

PS-Raghunathganj

District-Murshidabad

Pin-742235

West Bengal

<u>*Notice Inviting Tender*</u>

Tender No.: MDIM/LIB/RFID/Tender/2019-124   Date: 28.02.2020

Sub: Tender for implementation of Radio frequency identification(RFID) system for Library in Management Development Institute- Murshidabad Campus.

Management Development Institute invites sealed quotations for RFID tagging system for Library from reputed agencies. Terms and conditions are mentioned in the enclosed document.

Quotations should be submitted under 2-Bid system in sealed envelope duly super scribed as *"Quotation for implementation of Radio frequency identification(RFID) system for Library in Management Development Institute- MURSHIDABAD Campus"* on or before the due date and time of submission.

It should contain two separate sealed envelopes containing the following and super scribed with the caption given below:

- ☐ Technical Bid for RFID system for Library.
- ☐ Financial Bid for RFID system for Library.

Please ensure that

- ☐ Tender document must be signed and stamped on all pages as a token of acceptance of all the terms and conditions.
- ☐ No quotations would be accepted by e-mail and only hard copies will be accepted.

The quotations should be addressed to: -
Registrar
Management Development Institute Murshidabad
Kulori, P.O. – Uttar Ramna, P.S- Raghunathganj ,
Dist, Murshidabad, State, West Bengal PIN – 742235,India

For any clarifications, write to Email- mahendra.s@mdim.ac.in

The notice inviting bid along with instructions to bidders, Scope of Work, eligibility criteria, system of award of contract, etc. form part of the bid document containing 25 pages in all.

For MDI-Murshidabad

Registrar
Registrar
MDI Murshidabad

To,

Registrar
MDI-Murshidabad

Subject: Submission of Tender for implementation of Radio frequency identification (RFID) system for Library in Management Development Institute- Murshidabad Campus.

Dear Sir/Madam,

I/We hereby offer our bid as per terms and conditions mentioned in this tender document. I/We agree to keep our offer valid for 90 days from the date of opening of the bid, and shall be bound by a communication of acceptance within that time to provide RFID system for Library in accordance with the tender.

a) I / We_____have read the general guidelines and tender document attached hereto containing the Terms and Conditions and agree to abide by such conditions. I / We offer for the subject supply in the attached schedules and hereby bind myself / ourselves to complete all the formalities from time to time as required after the award of Contract.

b) I / We hereby understand that the submission of tenders / bids does not guarantee allotment of Contract. I / We further understand that in case of any information submitted by me / us being found to be incorrect, MDI MURSHIDABAD will have the right to summarily reject the tender, cancel the Contract or revoke the same at any time without assigning any reason whatsoever.

c) I / We further agree to execute an agreement to abide by the standard and special conditions of Contract if any for the subjected project. In case of acceptance of tender by the MDI MURSHIDABAD, I / We bind myself / ourselves to execute the Contract agreement awarded to me / us and to commence the supply/services as per the conditions of the Contract failing which, I / We shall have no objection to the forfeiture of full Security Deposit, deposited by us with MDI MURSHIDABAD in addition to other penalties specified under the terms of Contract.

d) MDI MURSHIDABAD and its representatives are hereby authorized to conduct any inquiries or investigations or seek clarifications or verify any statements, documents and information submitted in connection with this tender.

e) On account of non-acceptance of award or on account of not fulfilling tender conditions within the prescribed time, I/We shall be debarred by MDI-MURSHIDABAD for further participation in the future tenders of MDI MURSHIDABAD for a period of 1 year. In addition MDI MURSHIDABAD can forfeit my/our Earnest Money Deposit (EMD).

f) It is certified that rate(s) of the product(s) mentioned in the Financial Bid is not higher compared to as it is in the market. In case of any discrepancy noticed on this account, MDI MURSHIDABAD can take actions as may be deemed fit by MDI MURSHIDABAD.

I/We do hereby confirm that I/We have the necessary authority and approval to submit this bid for implementation of Radio frequency identification (RFID) system for Library in Management Development Institute Murshidabad Campus.

A notice, E-mail or letter of communication addressed to me /we at the given address given in the Bid, even by ordinary post will be deemed to be valid and proper notice of intimation to me/us.

With Kind regards.

For_____(Name of the Company/Organization)

Signature of the Authorized signatory and Company/Organization seal

(Name of the Authorized Signatory)
Address:

Date:

Place:

General Information-

Important Dates :-

Bid System- **Two Bid system**	Financial Bid to be submitted in a sealed envelope super scribed as 'Financial bid'. Rest of the documents along with EMD to be submitted in another sealed envelope super scribed as 'Technical Bid'. Both the technical and financial bid to be put in a third sealed envelope super scribed as mentioned in Page-2 and submitted to MDI Murshidabad.
Addendum	Addendum in tender document if any will be published in tender page of MDIM portal (https://www.mdim.ac.in/tender) before last date for submission of technical bids.
Last Date for Submission of Technical & Financial Bids	March 13th , 2020 till 1:00 PM
Openning of technical bid and presentation by bidders	March 13th , 2020 at 2:30 PM
Openning of Financial bid	March 20th ,2020 at 2.30 PM
EMD of Rs. 20,000/- (Rupees Twenty Thousand only)	EMD of Rs. 20,000/-(Twenty thousand) through Demand Draft from any scheduled bank in favor of MDI Murshidabad, payable at Jangipur/Omarpur/ Raghunathganj

Important Instructions

Submit the Technical and Financial Bids in separate Envelope as per details given below:: • Technical Bid for RFID system Library Management. • Financial Bid for RFID system for Library Management. • EMD of Rs. 20,000/- (Rupees Twenty Thousand only)with Technical Bid	

The Complete Tender details and any updates on the Tender will be available on the MDI Website at the link: https://www.mdim.ac.in/tender

Checklist and Index of the Technical Bid Document in the Order indicated Below

S. No.	Document to be Attached	Whether Submitted
1.	EMD of Rupees 20,000	Yes ☐ / No ☐
2.	Tender Document signed and stamped on each page	Yes ☐ / No ☐
3.	Filled in and signed Technical Bid on company's letter head	Yes ☐ / No ☐
4.	Profile of the Company	Yes ☐ / No ☐
5.	CA Certificate regarding Company's Turnover & net profit for last three Financial years.	Yes ☐ / No ☐
6.	Client Details for RFID system for Library in the given format at page-12	Yes ☐ / No ☐
7.	Completion certificate from the clients indicated at Sl. No. 6	Yes ☐ / No ☐
8.	OEM Authorization Certificate	Yes ☐ / No ☐
9.	Valid SIP2/ NCIP protocol & ISO standards 15693 / 18000-3 (ISO 28560 Compliant) Operating Frequency for tags should be 13.56 MHz Certificates attached	Yes ☐ / No ☐
10.	**Certificate on company's letter head that vendor is not blacklisted**	Yes ☐ / No ☐
11.	Confirmation that Technical specifications are as per Annexure II. Attach details if additional facilities offered. Financial Bid submitted as per Annex-III	Yes ☐ / No ☐
12.	Confirmation that all products carry onsite warranty & support for one year (standard free warranty)+ 2 years extended warranty from the date of implementation of Project.	Yes ☐ / No ☐
13.	Covering letter in company letter head	Yes ☐ / No ☐

Terms & Conditions applicable for this tender are as under:

1) Technical and Financial bid should be submitted on company letter head and should be submitted duly signed by the authorized person.

2) The financial bid shall be valid for at least 90 days. Institute will not entertain any request in respect of escalation of price due to any reason whatsoever.

3) Financial Bids of only those firms will be opened, whose Technical Bids are found compliant/ suitable after technical evaluation done by the MDIM.

4) The vendors are required to make presentation (Max time-15 Minutes)regarding their proposed product and solution as part of Technical evaluation in MDI Murshibad campus on the day and time as mentioned in Page-5.

5) The items will be supplied and installed at MDIM Campus, Raghunathganj, nothing extra shall be paid towards the cartage, packing, forwarding, Octroi etc.

6) In case any item is found to be defective /substandard, the same shall be rejected. Institute shall not make any payment for such items and shall be removed from the site immediately.

7) MDIM reserve the right to accept or reject any or all the bids without assigning any reason whatsoever.

8) Institute reserves the right to terminate the contract by giving seven days' notice in writing without assigning any reason whatsoever.

9) **Sub contract of Project is strictly not allowed, if found that sub-contracting have been done then the contract will be summarily terminated and no payment will be made to the vendor.**

10) Vendor may inspect the site and contact: Dr.Mahendra Kr Sahu, Phone: 9437598807 on any working day between (10:00 AM to 5:00 PM).

11) Project should be completed and whole system should commence within 45 days from the date of issue of work order.

12) In case the Project is not completed in due date then penalty shall be imposed @ Rs.1,000/- for each day subject to a maximum of Rs.25,000/- (Rs. Twenty Five thousand only).

13) If contract is awarded and work is not commenced by the vendor within 10 days of receiving of work order, and then EMD amount will be forfeited.

14) **Termination for Default**

The institute may, without prejudice to any other remedy, for breach of work order/contract in whole or part, terminate the contract.
The contract will be terminated if
- Vendor fails to provide any or all of the services for which it has been recognized within the period(s) specified in the agreement, or within any extension period thereof if granted by the institute pursuant to conditions of the work order/contract. OR
- In the judgment of the Institute, it is engaged in corrupt or fraudulent practices in competing for or in executing the work order/contract or It fails to follow instructions, guidelines, and submission of reports, lists, and data.
- If a bid is not substantially responsive, it will be rejected by MDI-MURSHIDABAD and may not subsequently be made responsive by the service provider by correction of the nonconformity. MDI-MURSHIDABAD's determination of bid responsiveness will be based

on the contents of bid itself and any written clarifications sought by MDI-MURSHIDABAD in writing the response to which shall also be in writing and no change in rates shall be permitted in response.

15) Offers shall be deemed to be under consideration immediately after they are opened and until such time the official intimation of award of contracts is made by MDI-MURSHIDABAD to the service provider. While the offers are under such consideration, service provider and or their representatives other interested parties are advised to refrain from contacting MDI-MURSHIDABAD by any means. If necessary, MDI- MURSHIDABAD will obtain clarifications on the offers by requesting for such information from any or all the service providers, in writing, as may be considered necessary. **Bidders will not be permitted to change the substance of their offers after the offers have been opened.**

16) Bidders are invited to quote their rates on the enclosed format provided in accordance with the above instructions and all the conditions of Tender.

17) **Any failure on the part of service provider to observe the prescribed procedure and any attempt to canvass for the work shall render the bidder's bids liable for rejection.**

18) **Queries/Clarifications:**
   For any other query relating to technical specifications, the bidders may submit in the form of email to mahendra.s@mdim.ac.in latest by 6th March 2020 till 15.00 Hrs after which no query shall be taken into account. Any corrigendum, if required, will be uploaded on MDIM Website.

19) **MDIM reserves the right to allot/cancel the tender invited as it may consider/deem fit and proper and to reject the tenders/applications without assigning any reasons at any stage.**

20) **Tender Evaluation:** During tender evaluation, MDI-MURSHIDABAD may, at its discretion, ask the bidder for a clarification of its tender.
   a) The request for clarification and response shall be in writing, and no change in the price or substance of the tender shall be permitted in response.
   b) The tenders received will be evaluated by MDI-MURSHIDABAD to ascertain the technical suitability and lowest acceptable tender in the interest of MDI-MURSHIDABAD, as specified in the specification and tender documents.

   MDI-MURSHIDABAD reserves the right to reject any / all bids including the lowest bid or withdraw the tender at any stage without assigning any reasons. Nothing contained herein shall confer right upon a service provider or any obligation upon MDI-MURSHIDABAD.

21) **AMENDMENT of Tender Document**

   At any time before the scheduled submission of bid, MDIM may, for any reasons, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Tender Document by issuing addendum. The amendment in the form of Addendum uploaded on the MDIM website will be binding on the bidders.

22) MDIM may, at its discretion, extend the date for submission and/or opening of the bid. In order to allow prospective bidder, MDIM may, at its discretion shall, extend the deadline for the submission of bids for a reasonable time to take the amendment into account in preparing their bid.

23) **SUB-LETTING OF CONTRACT:** In no case the successful bidder shall be allowed to sublet this project on back to back basis at any stage. In the event of bidder contravening this condition, the contract shall be terminated with immediate effect.

24) ACCEPTANCE AND WITHDRAWAL

The final acceptance of the tender would entirely vest with MDIM, who reserves the right to accept or reject any tender, without assigning any reason whatsoever. There is no obligation on the part of MDIM to communicate in any way with rejected bidders. After acceptance of the tender by MDIM, the bidder shall have no right to withdraw his tender or claim higher price.

25) Bids received with incomplete information is liable for rejection.

26) Any Bid received by MDIM after the deadline for submission of bids will be summarily rejected.

27) **Any dispute/ difference arising out or relating to this Tender:** Matters regarding any dispute shall be referred for arbitration to any Officer appointed by the Director of Management Development Institute Murshidabad, whose decision shall be binding and final.

28) Laws of the Republic of India are applicable to this tender.

29) **Warranty: Standard free onsite warranty of 1 year, post expiry of standard onsite warranty another 2 years extended warranty & support.**

30) **Payment Terms:**

- 95% (Ninety-five percent) of work order value within 1 month of satisfactory delivery and commissioning of all the items and systems along with handover of warranty documents, Documentation and training.

- Remaining 5% will be released on submission of Bank Guarantee/term deposit of an equivalent amount as performance security deposit and shall be valid for a period of three years from date of successful commissioning of project.

31) **Payment Terms for 2 Years Onsite extended warranty & Support:** To be paid in 4 installments half yearly post expiry of standard warranty period of 1 year.

ANNEXURE-I

Data to be submitted in Technical Bid & Evaluation Criteria

(Data Sheet)

S. No.	Description	Company Response				Remarks
1.	Submitted Profile of your firm/company	Yes ☐ / No ☐				
	Year of establishment					
	Number of employees					
	Annual Turnover for the last 3 Financial Years. Attach CA Certified income certificate for the last 3 financial years.	Year	1	2	3	
		Turnover				
1 A	Annual Turnover of each year for last 3 financial years is more than 1.00(One) Cr	Yes ☐ / No ☐				
1B	Company is in profit in last 3 Financial years	Yes ☐ / No ☐				
2	Names & addresses of clients, with the contact details of the contact persons of the clients where you have completed RFID system for Library. Please provide photo copies of Purchase Order and completion certificate for RFID system for Library for the three clients mentioned.	Yes ☐ / No ☐ (Details may be given in a a separate sheet as per the proforma given at Page-12)				
3	Name of OEM for RFID items for which Quote is submitted. Whether Authorized partner of OEM. (Attached valid OEM Certificate)	———————— Yes ☐ / No ☐				
4	The Bidder must be Compliant with ISO standards 15693/18000-3 (ISO 28560 compliant) OPERATING Frequency for tags should be 13.56 MHz SIP2 / NISO Protocol Attach copies of valid certificates	Yes ☐ / No ☐				

5	Contact details of the authorized person of the company.
	    1. Name :
	    2. Office Tel No.:
	    3. Mobile no.:
	    4. Official E-mail id:
		Yes ☐ / No ☐	

6	A declaration on company's letterhead that the Bidder has not been blacklisted must be submitted by Bidder.	Yes ☐ / No ☐	
7	EMD of Rs. 20,000 in favor of MDI Murshidabad, payable at Jangipur/Omarpur/ Raghunathganj EMD amount will be released at the time of first payment.	Yes ☐ / No ☐ **EMD of unsuccessful bidders will be returned after the whole selection process is over.**	
8	The Product & Solution quoted meets the technical specifications as given in Annexure- II Attach technical data sheet of all the products quoted For any additional feature being provided by you, Kindly attach the additional sheet	Yes ☐ / No ☐	
9	All products should be quoted with 3-years onsite warranty (1 year standard free one + another 2 years extended one) from OEM and support from the Vendor.	Yes ☐ / No ☐	
10.	**Payment Terms :** i. 95% (Ninety-five percent) of work order value within 1 month of satisfactory delivery and commissioning of all the items and systems along with handover of warranty documents, Documentation and training.5% will be released on submission of Bank Guarantee of an equivalent amount valid for a period of three years from date of successful commissioning of the project. **ii.Payment Terms for 2 Years Onsite extended warranty & Support:** To be paid in 4 installments half yearly post expiry of standard warranty period of 1 year.	Yes ☐ / No ☐	

| 11. | Technical Presentation will be done in MDI Murshidabad campus on 13th March 2020. | Yes ☐ / No ☐ | |

Details of Clients where implemented RFID system in library were implemented:-

S.No.	Client Name	Value of the Project	No of Books	Client Contact No.	Client Email ID	Completion Certificate Attached
						Yes ☐ / No ☐
						Yes ☐ / No ☐
						Yes ☐ / No ☐
						Yes ☐ / No ☐
						Yes ☐ / No ☐
						Yes ☐ / No ☐
						Yes ☐ / No ☐

Procedure for Evaluation of Technical Bid:

1. Bidders will be technically qualified based on Information/documents provided and Technical presentation done by the Bidder.
2. MDIM decision will be final for the evaluation of Technical Bids.
3. *The bids would be disqualified for any of the following omissions*:
   - Non submission of signed & stamped tender documents on each and every page
   - Submission of unsigned financial bid or not in the format(Annex-III) mentioned in tender document.
   - **Company Turnover less than Rs. 1 Crore in any of the last three financial years.**
   - **Company should be profitable for the last three consecutive financial years.**
   - Failure to make a presentation to the committee
   - Not having valid ISO & other certifications as indicated
   - Not submitting OEM Authorization for the products quoted
   - Not submitting at least three client details(PO and Completion Certificate both) where works of similar nature and value completed.
   - Non submission of EMD of Rupees 20,000.
   - Non submission of Details of Clients for RFID system for Library in the format specified.
4. Only those Technical Bids that are found compliant/suitable after technical evaluation done by MDIM will be called for Technical presentation.

Parameters for Technical Evaluation:

S.No.	Description	Details	Details	Details
1.	No. of RFID Projects (including all equipment as per specifications in Annexure II) supplied & Installed for Library Maximum Total Points: 30	1-3 Projects 10 Points	4-6 Projects 20 Points	>6 Projects 30 Points
2.	Total value of RFID Projects Completed for Library Maximum Total Points:20	Project Value up to Rs.10 Lakh 10 Points	Project Value>Rs.10 Lakh but< Rs.50 Lakh 15 Points	Project Value>Rs.50 Lakh 20 Points
3.	Number of years in similar business. Maximum Total Points:20.	0-5 Years 10 Points	Above 5-10 Years 15 Points	>10 Years 20 Points
4.	Average turnover in last 3(three) Financial Years. Maximum Total Points:10	1 Cr to 2 Cr 5 points	Above 2 Cr upto 3 Cr 7 Points	>3Cr. 10 Points
5.	Presentation Maximum Total Points: 20			
6.	Maximum Total Points : 100			

Points in S.No. 1-4 would be given only on the basis of documents submitted as part of technical bids. The Purchase Order and Completion certificate must be attached to score Points in these categories.

5. Minimum Technical points required for opening of Financial Bid : 60 Points.
6. Financial Bids will be considered only for the technically qualified Bidders.

7. **Procedure for Selection of the bidder:-**

The work will be awarded to the L1 bidder from among the technically qualified bids based on the Gross project cost (total project cost Incl of GST – Buyback price), details in Annex-III.

ANNEXURE-II

(TECHNICAL BID)

Scope of Work:-

MDI Murshidabad intends to set up a state-of-the-art, Radio frequency identification (RFID) based system for Library in Management Development Institute Murshidabad Campus.

Specific Scope of Work on SITC Basis would include the following:

Radio frequency identification technology enables the tracking and monitoring of physical items by attaching an RFID tag or transponder to an item in this case books.

Each tag consists of an internal antenna and a computer chip that stores data. When the tag is scanned or interrogated by a reading device equipped with its own antenna, the tag communicates its data wirelessly via radio waves to the reader.

RFID cards to be printed with patron data and MDI Murshidabad logo.

The tags to be employed in library applications are to be high frequency (HF) passive tags that operate at 13.56 MHz and can be read at distances from eight inches to two meters.

RRHFDB01 is a touch screen based standalone multi-protocol book drop which will primarily be used for returning library books

RFID handheld reader is mainly used in stock verification of books .

Staff station will be used for issue return of library materials, entry of new material to the LMS etc.

RFID enabled self-check in-check out system is an independent touch screen based kiosk for borrowers to perform issue-return functions on their own.

Customized application to interface data from various RFID hardware

Security gate will be placed at entry and exit of the library to keep check on unauthorized books going outside

Technical Specifications of Radio Frequency Identification (RFID) System for Library in Management Development Institute- MURSHIDABAD Campus.

*Attach technical data sheet of all the products quoted

Name of the item/Equipment: Radio Frequency Identification (RFID) System

Technical Specifications of Radio Frequency Identification (RFID) System to be integrated with existing KOHA software.

Technical Compliance Report for Radio Frequency Identification (RFID) System

Sr. No.	Specifications of RFID	Numerical Values required & Other Information	Whether Comply (Yes/No/ Deviation, if any)
1.	**RFID Tags** 1. Compliant with ISO standards 15693/18000-3 (ISO 28560 compliant) 2. Self-adhesive and should be in proper format to paste on Books & CDs/DVDs 3. Rewriteable and life time warranty 4. Operating Frequency for tags should be 13.56 MHz 5. Capable to store 1024 bit or 2048 bits memory or more 6. Tag dimension & thickness should be: Thickness 0.4 mm / 0.018 inches should be as per industry standard 80 mm x 50 mm OR 50 mm x 50 mm (±10%) 7. Enabled with anti-theft security status which can be activated and deactivated, and must provide security and inventory control functionality 8. Option of custom print blank tags with a barcode or library logo/name 9. Operating range of temperature -25 °C to 70 °C (-13 °F to 158 °F)	13000	
2.	**RFID Staff Station** 1. Compatible with Koha-LMS and other LMS Software 2. Compatible with Library's standard circulation desk computers and receipt printers 3. Enabled with RFID read range of 8 to 10 inches minimum for book tags 4. Capable to read/process at a time multiple RFID tagged items for check-in/out		

5. Station dimension (w x d x h) closer to 13.87" x 11.06" x 0.31" (±10%) 6. Power to be supplied from PC via USB cable 7. Compliant with ISO 15693, 18000-3/14443A/28560 8. Operating frequency for station should be 13.56 MHz 9. Operating range of temperature: 0°C to 55 °C (32 °F to 131 °F) 10. Station hardware décor must be attractive and contemporary and be able to be integrated with library's own furniture. Vendor may be asked to setup a station under existing library granite, wooden or laminates etc. 11. Client Software should support following features and is to be integrated with Koha LMS / any other LMS 12 Tagging/Retagging after proper validation of the title/member records in current LMS 13 Tag monitoring by accessing item record from current LMS 14 Checkout / Check in/ Renewal through SIP2/NCIP protocol 15 Provision to display a member's photograph along with member details while doing transactions 16 Provision for display of reservation done by member along with sequence and date 17 Provision for enquiry of checkouts against a member and it due date 18 Provision for details of fine against a member along with fine receiving functionality 19 Provision to print an acknowledgement slip containing the details of a transaction, such slip should be customizable with Library name, logo etc. 20 Provision to get notification while check in a reserved title 21 Read / Write /Anti-theft programming should be done in one single operation 22 Biometric Enabled for staff station 23 On scanning student finger print at issue screen, patron will be identified in koha.	01	

3.	**Kiosk (Self Check-in / Check-out station)**		
	1. Compliant with internationally recognized standards for RFID based library self-services systems		
	2. High speed thermal Kiosk Printer with minimum noise disturbance		
	3. LCD touch screen monitor (minimum 17") and necessary rest CPU configuration		
	4. Connect through the library's Ethernet network via RJ-45 Connector or secured wireless network		
	5. Client software should interface with Koha-LMS		
	6. Capability to perform check-in and check-out function using RFID tags. It should be capable to update library inventory (material) status while committing transactions.		
	7. Should be compliant with ISO 15693 and ISO 18000-3		
	8. Capable to communicate the host circulation system (LMS) to update the library inventory (material) status while committing transactions	01	
	9. Enabled with anti-collision algorithm that does not limit the number of tags which can be simultaneously identified and read up to 8 to 10 inches high		
	10. Capable to read members' RFID smart card for user identification		
	11. Should be capable to check dual authorization of users/patrons with RFID Card + Thumb Print		
	12. Capable to build into existing circulation desks, with touch screen monitor that display instructions for the users.		
	13. Capable to generate acknowledgement slip containing patron and transaction details, such slip should be customizable with Library name, logo etc.		
	14. Should have capability to renew the items, also renewals without item		
	15. Customize the transaction messages		
	16. Capable to display select information from patron record, such as number of items checked out,		

	number of items on hold, outstanding fine information without compromising patron privacy. 17. Capable to send print/email/SMS information whenever a transaction is carried out by the patron. 18. Capable to display Patron's photograph 19. Perform offline transactions and maintain records of all items checked out when the LMS is offline, and then upload/update transactions when the LMS is back online. This will help to continue check-in / out even when LMS is offline / under maintenance. 20. Generate performance report in statistics. Data must be broken down by date, hour, number of transactions, type of transactions, and number of successful / unsuccessful transactions 21. Offer options to patron whether he/she wishes printed slip / email receipt 22. Consistent with library furniture colour and décor. 23. Design should be contemporary and attractive		
4.	**Library Security Gates** 1. Include two theft detection pedestals (Panels + Pedestal), which are independent of each other and also have an overlapping protection zones providing adding additional security 2. Suitable number of I/O ports (RS232/RS422/RS485/Ethernet) which can manage Standard Electronic Counter, Web Cam Trigger, CCTV, Gate buzzer and other necessary components which require to functionally run the system. 3. Capability to read up to 8 or more tags per second in all orientations 4. Capable to generate footfalls (in-out both) statistics of library 5. Operating Frequency:13.56 MHz 6. Compliant with ISO 15693, 18000-3-A, 28560 7. Operating range of temperature: 0°C to 55 °C (32 °F to 131 °F)	01	

	8. Enabled with Lights and buzzer inbuilt notification		
	9. Consistent with library furniture colour and décor.		
	10. Design should be contemporary and attractive		
5.	**RFID Enabled Book Drop Box**		
	1. Client software for checking facility and communicating with Koha-LMS or any other LMS Software's through SIP2/NCIP RS232 / RJ-45 compliant		
	2. Compliant with internationally recognized standards for RFID based library self-services systems		
	3. Capable to check / download necessary transaction log (Fine and other) from LMS to validate the returned books		
	4. Enabled with necessary items i.e.: touch screen, CPU, printer etc.		
	5. Automatically offers option to print a slip / email SMS/ a acknowledgement slip		
	6. Enough memory to store the returned book transaction log when the system goes offline		
	7. Capable to generate the statistical report of book drop transactions		
	8. Branded/reputed enclosure from the firm which has global presence		
	9. Receiving capacity of 200 books approximate		
	10. Consistent with library furniture colour and décor.	01	
	11. Design should be contemporary and attractive		
	12. Design should be such that there is not damage to the dropped book.		
6.	**Handheld Reader**		
	1. Compliant with internationally recognized standards for RFID based library self-services systems		
	2. Reader's weight should be not more than 800 GMS		
	3. Reader's dimension (w x d x h) should be closer		

	to 3.5" x 2" x 9.1" (±10%) 4. Battery life should be minimum 3-4 hours 5. Facility to transfer data using USB 6. Touch screen interface using stylus and keypad 7. Capable to perform shelf reading, inventory, searching items, deducing records etc. 8. Should have read range of 300mm, combined with a scanning rate of 400-600mm of library shelve 9. Enabled with internal memory and external memory card 10. Capability to import delimited file into search options 11. Capability to export inventory data into delimited file 12. Audible tone and visible indicators to verify item has been identified / checked for inventory 13. Suitable operating system installed.	01	
7.	**RFID Smart Cards** 1. ISO 15693/18000-3 complied tags with operating frequency of 13.56MHz 2. 1024 bits memory storage and card size CR80 3. Pre-printed (with patron data and institute logo) as per MDI Murshidabad approved design.	350	
8	**Buy Back** **STA IRO507E UHF Integrated Reader**	02	

9.	**Job Work**
	• Complete integration of KOHA software with RFID system using SIP2/NCIP protocol.
	• Tagging Books and other existing material in library and enabling existing Patrons' smart cards
	    ➢ Number of Books & Other Materials:(13000)
	    ➢ Number of existing patrons' smart cards:		

	(350) ➤ RFID card to be printed with patron data and MDI Murshidabad logo as per MDI Murshidabad approved design. • Submitting inventory report to library **Training** • Onsite training of all the equipment's/systems associated with RFID system • Complete manual / guide for operating RFID equipment's.		

ANNEXURE-III

(FINANCIAL BID)

Financial quote for implementation of Radio frequency identification (RFID) system for Library in Management Development Institute Murshidabad Campus:-

Sr. No.	Specifications of RFID	Required Quantity	Unit price in Rs. Excl of GST	GST % and Amount in Rs	Total amount in Rs. Incl of GST
1.	RFID Tags with specifications as mentioned in Annex-II.	13000			
2.	RFID Staff Station with specifications as mentioned in Annex-II.	1			
3.	Kiosk (Self-Check-out / Check-in station) with specifications as mentioned in Annex-II.	1			
4.	Library Security Gates with specifications as mentioned in Annex-II.	1			
5.	RFID Enabled Book Drop Box with specifications as mentioned in Annex-II.	1			
6.	Handheld Reader with specifications as mentioned in Annex-II.	1			
7.	RFID Smart Cards with specifications as mentioned in Annex-II.	350			
8.	Job Work Complete integration of KOHA software with RFID system using SIP2/NCIP protocol.	On lumsum			

9.	**Job Work** Tagging Books and other existing material in library	13000			
10	Tagging existing patrons' smart cards and printing of the cards with patron data and MDI Murshidabad logo	350			
11	Submitting inventory report to library	On lumsum			
12	**Training** Onsite training of all the equipment's/systems associated with RFID system	On lumsum			
13	Complete manual / guide for operating RFID equipment's and KOHA software	On lumsum			
14.	**2(Two) years extended onsite warranty and support cost**	On lumsum			
15.	**Total cost of the project Incl. of GST(A) in figure (Sr.No 1 to 14)**				
16.	**Total cost of the project Incl. of GST in words (Sr.No 1 to 14)**				

Buy back price

Sl.No	Particular	Quantity	Reserve Price	Buyback price quoted(B) with Applicable GST (If any)
1	**STA IRO507E UHF Integrated Reader**	02	Rs. 21470.00 for 2 Nos.	

Gross project cost

Sl.No	Particular	Amount in Rs. Incl of GST
1.	**Total cost of the project Incl. of GST(A) in Rs** **Buyback price quoted with Applicable GST (If any) in Rs.(B)**	
2.	**Gross Total cost of the project in Rs. Incl. of GST in figure**	
3.	**Gross Total cost of the project in Rs. Incl. of GST in words**	

- If there is mismatch of amount in number and word then MDIM will only consider that one which will be less cost among the two.

- Delivery Mode : Delivery at MDI Murshidabad, Campus only.

- Total bid price should be inclusive of all taxes and levies, transport, loading, unloading etc.

- Delivery Period.............................days/weeks.

- Installation Period.......................... days/weeks.

- Quotation Validity Date: - 90 days from the date Last of Submission of quotation/tender.

Sign of Bidder:-
Date:-
Name of bidder:-
Firm's Name: