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Memo No. 79 /GM/20 24   Date: 10/02/24

Tender Notice

Gour Mahavidyalaya Invites sealed tender along with requisite information such as GST no, Trade license, TAN/PAN, working Experience with Higher Education Institutions/College (if any) and other Clint Satisfaction reports, etc. from reputed experienced companies /firms/agencies for Koha installation on cloud+ 2 days onsite training.

SCOPE OF WORK (Work –details)

Sr.	Item	Description	Quantity	Rate (Including of taxes)	Amount (Including of taxes)
1.	Koha_Inst	Koha installation on cloud +2days onsite training	1.0		

Last date of Quotation submission: 23/02/2024
Quotation should be at the Gour Mahavidyalaya, Malda, through post or by hand.
(Monday –Friday: 11: A.M to 4.00P.M.)

Principal
Gour Mahavidyalaya
Mangalbari, Malda

Principal
GOUR MAHAVIDYALAYA
Mangalbari, Malda.

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Eligibility Criteria for Tender

1. All RFID equipment (tags, staff station reader, kiosk) should be from One RFID manufacturer. Provide certificate from OEM.

2. To support "Vocal for Local", RFID Manufacturer from India will be preferred

3. The bidder should be a manufacturer/authorized dealer. A dealer & sub-resellers are not allowed to bid on the tender. A letter of authorization from the original equipment

manufacturer specific to this tender should be submitted & The MAF should mention OEM, contact numbers, email addresses, and websites with whom the authenticity of the MAF can be cross-checked.

4. The Bidder/OEM must have minimum 50 live sites (Preferred Central Universities/State Universities/higher academic institutions, etc) where proposed RFID System integration with Koha Library Management Software is in operation since at least last 3 years.

5. The quoted RFID Hardware must be used in at least 100 or more Government Academic Institution Libraries in India.

6. The Bidder/OEM should have average annual turnover of Rs. 6 Crore (Minimum) in the last three financial years.

7. The Bidder/OEM must be a registered Firm in India with Registrar of Companies and in business for the last 15 years or more.

8. The RFID Gates should be having ETA (Equipment Type Approval) from Wireless Planning Commission) this is a mandatory requirement for both Indian and International Manufacturers.

9. Bidder might be required to show demo of the hardware with Koha Software using NCIP protocol at Central Library Gaur Mahavidyalaya at that time of Technical Evaluation, if committee required.

10 The Bidder/OEM must be a registered Firm in India and in business for the last 25 years or more.

11. Bidder should have following ISO Certificates

   A. ISO 9001: 2018 for Quality Management System
   B. ISO 27001: 2013 for Information Security Management System
   C. ISO 20000-1:2018 for Information Technology - Service Management
   D. CMM Level 3 Certificate

Necessary documentary support to be provided for each criterion.

Eligibility Criteria for Koha vendor:

1. The Vendor should have experience in Koha Installation/Migration/Customization for at least 2 IITs, 2 IIMs, 2 University Libraries, and 2 ISROs and more than 2,00,000 for catalog migration experience.
2. The Vendor should be an active member of the Koha community.
3. The vendor should have contributed to the Koha community with relevant proof.
4. The vendor should have experience in data migration for more than 5 lac records.
5. The vendor should have at least 10+years of experience in Koha support services.
6. The vendor has a dedicated support and training team.
7. The vendor has had more than 5 crores turnover in the last ten years.

Scope of Work

Modernization of Central Library
Gaur Mahavidyala

Introduction:

Gaur Mahavidyalaya has decided to introduce Radio Frequency Identification (RFID) System in Central Library along with Open source Library Management Software, Koha, in its efforts towards further automation of the library system.

Computer Records Management:

Computer records are created using Integrated Library Management Software **Koha** to suite the Information needs of the above-mentioned Library users, using international bibliographical standards (MARC21); information on availability of item in the library is accessed through OPAC (Online Public Access Catalogue).

Open Source Library Management Software

STANDARD REQUIRED FEATURES OF OPEN-SOURCE LIBRARY MANAGEMENT SOFTWARE		
	Particulars of software	Specification
1	Should support international standards	· MARC21
		· MARCXML
		· AACR2
		· FRBR
		· Z39.50
		· UNICODE
2	Complete Module version	Software system should be installed with all the modules including :
		Acquisition Cataloging
		Serial Management
		Circulation / Member Management System Web OPAC
		Article Indexing
3	Reports	Customized reports as when & required.

4	Cataloging process	Cataloging of any type of resources should be possible along with creation of any type of category/s of item available in the library
5	Customized cataloging interface	Cataloging /data entry template for the library resources should be customisable
6	Unlimited database support	Software system should support unlimited database of books, journals, library users, etc.

	OPAC/Public Catalog	
1	·	Keyword searching
	·	It should provide cover images of new arivals
	·	Availability and online resource links shown on search results
	·	Membership Account history
	·	Access to account information
	·	Make online indenting of books / provide suggestions
	Circulation	
2	·	Software should be able to Check in and out with a barcode scanner or manually
	·	Software should calculate due date
	·	Software should able to help in performing inventory check
	·	Auto reminder generation for overdue items and auto emailing
	Membership management	
3	·	To upload member images
	·	To create membership cards
	·	To run reports on circulation custom to library
	·	Browse members by name
	Cataloging Features	
4	·	Add bibliographic and authority records by copy cataloging with a built in Z39.50 search engine
	·	Add and modify items individually or in a batch
	·	Catalog following AACR2
	·	Create custom cataloging templates with pre-set values for efficient cataloging
	·	Create spine and barcode labels
	·	Batch modify and delete item records
	Reports	
5	·	Complete access to all data stored in the software
	·	Compatible to Search reports for easy access
	Acquisitions	
6	·	Software should be compatible to enter budgets and funds
	·	Software is able to keep track of all vendor information
	·	Order multiple copies
	·	Order copies of existing records
	·	Track budget and expenditures
	Serials	
7	·	Software should receive issues one at time or in bulk.

	·	Software as a Barcode serial on receipt if desired
	·	Software should generate late issue reports and claim emails
	·	Software should give full serial history
	Administration	
8	·	Software should have access to administrative functions
	·	Availability of full circulation data online
	·	Printing functions for barcode labels, and reports
	·	Barcode and spine label printing

Server Specification

For Local Installation

1. Server Grade machine with 4 core CPU/8 GB RAM/100 GB HDD
2. Ubuntu 18.04 LTS OS
3. Port to be opened 80, 8080, 22, 25, 9418, 443 (Without proxy)/Dedicated internetconnection/Server must be connected with Public IP to access the Koha server.
4. Email settings (Need to be done by Institute in case of Local installation

for sending the emails)For Cloud Installation (on Amazon Web Services)

1. 4 core CPU with 8 GB RAM (t2.meduim EC2 instance - 30 GB HDD)
2. (RDS is preferable if you can provide us - RDS small server with 20 GB HDD)
3. Port to be opened 80/8080/443 for publicly to access the Koha interface.
4. Port 25 for SMTP/9418 for Git clone

Equipment & Tools for Self-Service:

Use of RFID technology for tagging the items, Staff Station Reader, Gate, Self Kiosk ,Drop Box & Tags.

Implementation of RFID based Circulation Services

- Supply and Implement RFID Hardware using NCIP V2.0 protocol

- Installation of Middleware Application for ILMS installed

- Tagging RFID labels on Books and other items on stock

- Pasting of Paper stickers (SIR Labels) on RFID Tags

- Training of Library staff on using RFID system effectively

- Training on International Standards and Best RFID based Library Practices

  recommended by NISO

- Engaging suitable personal to ensure smooth functioning of automated library

  services.

Data Validation:

It would be required to physically verify each book detail with its entry in **Koha** software and validate the data during the RFID tagging job work. The books which have errors are to be kept separately for making necessary corrections and by that the database accuracy must be improved.

Smooth Operation of Library Automated System:

- Provide professional personal to supervise the entire project on regular basis to co-ordinate with the competent authority nominated by us

Note:

> All the RFID components chosen for complete solution should be conform to NISO guidelines for use of RFID in Libraries and ISO 15693 / ISO 18000 - 3, ISO14443A or Mifare in accordance with equipment's (All systems must be compatible with Global RFID ISO standards).

> Modularity, Expandability and Upgrade ability in the overall system configuration should be open.

> Entire system should be installed and commissioned after proper tasting and training should be provided to entire staff of the library.

> The Maintenance Support Equipment required installing and Maintain the RFID System Shall be available in India always and provided by the vendor. Bidder shall demonstrate that the resources (infrastructure) exist which are required to provide robust pre- and post-sales support to RFID Project.

> Bidder should fully be accountable for the performance of all components of the supplied RFID equipment's.

> Supplied hardware should have proven compatibility with ILMS.

> The Bidder will have to train library staff (at least 10) for key functions like, circulation, technical services, system administrator and public services for using of all equipment.

> All training should be performed by vendor at institute premises and trained personnel should be placed in the institute for running, maintaining the hardware, software for the period of warranty.

> The Library requires interaction with the vendor sales staff and technical support staff during installation planning, the installation phase and follow-up immediately after such installation.

> Introductory operator / user / staff training shall be provided at no extra charge.

> Middleware Warranty: Patches and service pack releases must be supplied at no additional charge to the library within the warranty period.

> Service technicians should be fully trained, factory authorized and certified by the manufacturer to perform services.

> Technical support via email should be provided to the library free of cost.

> Service technicians should be equipped with parts normally required to service the equipment and reduce downtime.

> Failure of vendor to meet specified standards may result in termination of service contract.

> Warranty and Service requirements apply to both Standard and Optional system components.

Hands on Training (on site) and Manual/Guide: Training for handling of RFID, RFID Tagging and fixing on documents, troubleshooting training. Complete write-up/manual/guide for operation and handling of RFID equipment's. Training to be given to all library staff working on various library operations.

Minimum Technical Specification

Item No. 1: Library Staff Station			
Item Minimum Specifications	**Qty.**	**Matched/ Not Matched**	**Remarks (If any)**
Read/Write/Anti-theft programming should be done in one single operation			
Read/Write distance of Up to 25 cm and programming time of 1 second			
Should be fully ISO/IEC 14443A, 15693 and ISO 18000:3 compliant			
The programming station should interface with the Library Management Software using NCIP V2.0 protocol			
Integrated with reader for patron ID Card based ISO/IEC 14443A Mifare for personalization of data into the ISO/IEC 14443A Mifare passive contact less 1Kb smart card in the pre-defined location in the memory			
NCIP V2.0 compliance software interface integrated with integrated library management software for all operations like patron card personalization, check-in. check-out, renew etc of library circulation	1		

Specifications	
Parameter	**Technical Specs**
Operating Frequency	13.56 MHz
Power Supply	5V to 12V
Power Consumption	700mw
Transmitting Power	200mW
Read Range	Up to 25 cm
Antenna	Internal
Communication Interface	USB/RS232/Ethernet
Supported Transponders	ISO 15693, ISO 14443A and ISO 18000:3
Indicators	LED / Buzzer for power, read verification etc.
Operating Temperature	-10°C to +70°C
Housing Material	Marine Grade Plywood or Similar

Item No. 2: Self Check Out Kiosk Station

Item Minimum Specifications	Qty.	Matched/ Not Matched	Deviation, If any
RFID Reader and Antenna with multiple Read/Write facility			
Kiosk should suit the library decor			
High Speed Thermal Slip Printer			
17" or higher LCD/LED Touch Screen Monitor using Capacitive Technology			
Branded Small Form Factor CPU			
Multi protocol firmware ISO/IEC 14443A. ISO 15693 and ISO 18000:3 compliant			
Communication interface — Ethernet			
The Self Checkout station client software should interface with the ILMS Software giving following features: ◦ Check in / out / Renewal ◦ Transaction Status ◦ Transaction Printout			
Provision for display of reservations done by a user along with sequence and date of collection,			
Provision of enquiry of checkouts against a user and its due date.			
Provision for enquiry of fine against a user,	1		

Specifications

Parameter	Technical Specs		
Operating Frequency	13.56 MHz		
Power Supply	180-230V Ac; 50 Hz		
Power Consumption	700mW		
Transmitting Power	200mW		
Read Range	20-25 cms 3 to 4 books of average size		
Antenna Size	300 X 300 mm		
Communication Interface	Ethernet		
Supported Transponders	ISO 15693, ISO 14443A and ISO 18000:3		
Operating Temperature	-10°C to +70°C		
Weight	25 Kg approximately		
Packaging Material	Wood		
Display	17" or higher TFT capacitive touch screen		

Item No. 3: Two EAS Pedestals Library Security Gate

Item Minimum Specifications	Qty.	Matched/ Not Matched	Deviation, If any
Security gate should include two theft detection pedestals which have an overlapping protection zones providing additional security. It is planned to install these pedestals at a single location in the library. The system should have suitable number of I/O ports for Standard electronic counter, web cam trigger, CCTV, locking gates etc. It should also have multi line infrared motion sensors to detect library foot falls and in-out numbers.			

Specifications

Parameter	Technical Specs			
Operating Frequency	13.56 MHz			
Power Supply	AC 230V / 50Hz			
Power consumption	30W maximum			
Transmitting Power	0.5W to 6W variable			
Read Range	Up to 1.5 m with pair of gates			
Communication Interface	RS232 / Ethernet			
Supported Transponders	ISO 15693-3, ISO 18000-3			
Operating Temperature	-10°C to +70°C			
Weight	25 Kg approximately			
Housing Material	Industrial Plexiglass or similar			

Item No. 4: Smart Cards

Item Minimum Specifications	Qty.	Matched/ Not Matched	Deviation, If any
The smart cards should be 1kb Mifare cards with pre printing on both sides (pre printing to be approved by Department)			
The Smart Card must be ISO 14443A compliant			
The smart card must be for multipurpose use by the library users.			
1k byte EEPROM			
Unique serial number			
16 securely separated sectors supporting multi- application			
Each sector consists 4 blocks with a length of 16 Byte			
2 x 48 bit keys per sector for key hierarchy			
Access conditions free configurable based on 2 level key hierarchy			
Number of single write operations: 100,000			

Item No. 5: Self Adhesive RFID Tags (for Book)

Item Minimum Specifications	Qty.	Matched/ Not Matched	Deviation, If any
The RFID chip used in the tag should have been designed specifically for Library use. i.e. it should have three sections ○ Lockable section for item identification ○ Re-writable section for library specific use ○ Security function (EAS) for item anti-theft (which can be activated and deactivated), ○ The RFID chip should have multi read function, i.e. several tags can be read at the same time			
Tag size should be 80mm x 50mm with at least 2048 bits memory, multi-read and antitheft			
Tags should be fully ISO 15693/18000-3 compliant			
Other features: detection rate of the system should be above 95% consistently regardless of the number of items that are in the field			
Warranty of Tags Minimum 40 years for logic circuits and replacement of defective tags if found during first time tagging			
Mechanical Dimension • Transponder coil size 76x46 mm ± 0 5mm • Transponder die-cut size 80 x 50 mm 0.2 mm			
Electrical characteristics • Integrated Circuit (IC) NXP ICode-SLIX 2 • ICS protocol /anti-collision ISO 15693/18000-3 • Operating frequency 13.56 MHz • Memory 2048 bits R/W EEPROM			
General characteristics of transponder • Operating temperature (electronics parts): -20'C to *85"C			

Item No. 6: Institution Labels

Item Minimum Specifications	Qty.	Matched/ Not Matched	Deviation, If any
Good quality self adhesive labels of following specification:			
Good quality smooth face			
Label printed with Name and logo (design to be approved by Department)			
Size: Minimum half inch larger on all sides than the RFID tag			
Strong permanent adhesive, which does not leach in to the paper of the book			

Item No. 7: Integration Module / Middleware Features

Item Minimum Specifications	Qty.	Matched/ Not Matched	Deviation, If any
Client Software should support following features and is to be Integrated with existing Integrated Library Management Software (ILMS)			
Tagging / Re-tagging after proper online validation of the title / member records LMS database			
Tag monitoring by accessing item record from ILMS database			
Patron Smart Card personalization monitoring by accessing patron ID from ILMS database			
Send SMS & Email for circulations which can be selected for specific users.			
NCIP V2.0 compliance			
Retagging option for re-registration of books & patrons			
Sorting by accessing Title record from ILMS			
Check out /Check-in/Renewal			
Provision of enquiry of checkouts against a member and its due date			
Provision for details of fine against a member			
Provision of slip printing containing the details of a transaction			
Provision of Auto login to staff station using registered smart card			
Provision of Circulation rights assignment to multiple users			
Provision to block the circulation transactions if a member's fine exceeds configurable limit			
Provision to perform Auto Check-in of books so that large quantities of books can be checked in quickly			
Provision for block the members to prevent circulation operations			
Provision of Various reports should be available like tagged items, registered members, circulation transactions etc. filtered by the operator, RFID client etc.			

Item No. 08. RFID Digital Entry Reader

Item Minimum Specifications	Qty.	Deviation, If any
Read/Write/Anti-theft programming should be done in one single operation		
Read/Write distance of Up to 5 cm and programming time of 1 second		
Should be fully ISO/IEC 14443A, 15693 and ISO 18000:3 compliant		
The programming station should interface with the Library Management Software using NCIP V2.0 protocol		
The programming station should interface with the Library Management Software using NCIP V2.0 protocol		
Integrated with reader for patron ID Card based ISO/IEC 14443A Mifare for personalization of data into the ISO/IEC 14443A Mifare		

passive contact less 1Kb smart card in the pre-defined location in the memory		
Specifications		

Parameter	Technical Specs	
Operating Frequency	13.56 MHz	
Power Supply	5V to 12V	
Power Consumption	700mW	
Transmitting Power	200mW	
Read Range	Up to 5 cm	
Antenna	Internal	
Communication Interface	USB/RS232/Ethernet	
Supported Transponders	ISO 15693, ISO 14443A and ISO 18000:3	
Indicators	LED / Buzzer for power, read verification etc.	
Operating Temperature	-10°C to +70°C	
Housing Material	ABS or Similar	

Item No. 9: RFID Book Return Station			
Item Minimum Specifications	Qty.	Matched/ Not Matched	Deviation, If any
24 hrs operation should be possible			
Minimum 100 books bin to be provided			
Real time check in should be processed			
High Speed Thermal Slip Printer			
17" or higher LCD/LED Touch Screen Monitor using Capacitive Technology			
Small Form Factor CPU			

Principal
GOUR MAHAVIDYALAYA
Mangalbari, Malda.

GOUR MAHAVIDYALAYA

ACCREDITED BY NAAC (2nd Cycle) B+

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Memo No.   /GM/20   Date:

QOUTATION NOTICE

Sealed quotation of rate as stated below of wood, Ply wood invited from the bonafied firms/individuals for offering their rates for making bags box and wall hanger show case for Gour Mahavidyalaya library .

Sl. No.	Item Name		Qty.	Rate per sft.	GST	Total
1	Bags box Total Area = 7'-0 X70" Per box Measuring: (20"14"X 15) With Paint	Mention Plywood Brand	20 Box			
2	Wall hanger show case Measuring: 46"X36"X5" with lock, Pin board with covered velvet cloth and also burnish.	Akashmoni wood	10			

*Bidders should inspect the work station before filling quotation.
* Authority has reserved the right to accept any rate quotation or reject all rate quotation without assigning any reasons what so ever.
*. Rate quoted to be submitted in self addressed letter head in sealed envelope addressed to the Principal, Gour Mahavidyalaya,Malda.
* Certificate of experience, certificate credential only payment certificate (same nature of work).
*No. advance payment will be paid .the 100% payment will be made only after satisfactory completion of job. The job needs to be done within 10days after receiving work order.

Last date for submission of quotation fixed on; 20/02/2024 TILL 2.00P.M

Sealed quotation to be opened at the Principal Chember, Gour Mahavidyalaya on 21/02/2024 at 2.P.M

Sd/-
Principal
(Dr.A.K.Sarkar)
Gour Mahavidyalaya

Copy to:
1. Notice Board of the College
2 Informatics officer
3. S.D.O Sadar
4. Bengali daily News Paper.
5 College website. gourmaha.org
6. Office file

GOUR MAHA VIDYALAYA

SPECIFACION FOR C.C. TV IP CAMERA

1. IP CAMERA 4 MP COLOUR (ONVIB)   4 PCS
2. CAT 6 COPER CABLE WITH LAYING 305 METER (DLINK)   1 COIL
3. POE GIGA (1000 MBPS) 16 PORT SWITCH   1 PCS
4. RACK 6 U (DLINK/VAL)WITH PDU AND FAN   1 PCS
5. INSTALLATION OF CAMERA CABLE AND RACK
6. PTZ CAMERA 30 METER 25 X IP66   1 PCS

GOUR MAHA VIDYALAYA

SPECIFACION FOR THIN CLIENT AND ACCSSORIES

1. THIN CLIENT (HP/DELL/LENOVO) WITH I3 PROCESSOR , 512 GB SSD, KEYBOARD, MOUSE, 18.5" MONITOR. 4 GB RAM , ONE YEAR WARRIENTY ----   4 PCS
2. SSD 512 GB WD BLACK/SKUDA (NVME)   1 PCS
3. LAN SWITECH AND CONNECTOR CABLE AS PER   -----

GOUR MAHA VIDYALAYA

SPECIFACION FOR LASER PRINTER

1. **HP LASER 108A** Single Function Monochrome Laser Printer
   OR
2. HP LaserJet Pro P1108 Single Function Monochrome Laser Printer, CE655A

GOUR MAHA VIDYALAYA

SPECIFACION FOR mobile scanner and 43" Smart TV

1. Canon image FORMULA P-208II Scan-tini Personal Document Scanner, Black (9704B007)
2. Mi tv Display
   - Display Size   43 inches
   - Panel 4K Dolby Vision | HDR 10
   - Display TechnologyLED
   - Resolution   3840x2160 pixels
   - Format   4K Ultra HD
   - Refresh Rate 60 hertz
   - Viewing Angle   178 degrees
   - Screen Type Flat
   - Aspect Ratio 16:9
   - Brightness   High Brightness
   - TV Features
   - TV Type   X Google Series
   - OS   Google TV