



**OFFICE OF THE PRINCIPAL
GOVERNMENT DEGREE COLLEGE,
BILLAWAR, J&K**

"NAAC Accredited"

Dr. Jugal Kishore Sharma, Principal, M. No 9419207800

Website: gdcbillawar.com E-mail: gdcbillawar2005@gmail.com



**Tender for Supply, Installation and Commissioning of RFID
based Library System**

Sealed tenders are invited from reputed Firms for the Library Automation of the Library of Govt. Degree College Billawar, J&K using RFID based Library System. The tender application should be accompanied by a CDR/DD of Rupees Ten Thousand only (Rs. 10000.00) in favour of the Principal, Govt. Degree College Billawar, J&K, payable at Billawar. Tender as per the prescribed format and appended by the necessary documentation should reach the office of the undersigned within 15 days of publication of this notice in the newspapers. The terms and conditions and specification can be downloaded from the College website (www.gdcbillawar.com).

No. GDCB/2020/1127

Dated:12-02-2020

SD/-

Principal



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TERMS AND CONDITIONS OF TENDER FOR THE LIBRARY AUTOMATION

Scope Of Work: The Govt. Degree College Billawar library is having approximately 10000 books of Sciences, Arts, Commerce, and B.C.A.

The proposed Library automation shall include the following:

A. Book Database Generation

1. KOHA Software for Automation in Libraries.
2. Generation of Data of books and Journals with complete bibliographic details using following standards:
 - a) Dewey Decimal classification (Latest available preferably 23rd Edition for classification of documents.
 - b) Data entry of Books in Library Software (Record in AACR II, MARC 21 format)
 - c) Sears list of subject heading for deriving subject Headings with at least Four key words / subject headings for each book.
 - d) Book number to be assigned as per Cutter Table with local modifications.
3. Creation of database of the data generated as per specifications given at 1 above.

B. RFID for Automation

4. Supply and Implement RFID Hardware using NCIP V2.0 protocol.
5. Installation of Middleware Application for ILMS installed
6. Tagging RFID labels on Books and other items on stock
7. Pasting of Paper stickers (SIR Labels) on RFID Tags
8. Services for Spine paper labels, adopting Specific work process Pasting labels on Book spine and covering with transparent plastic overlay.



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10. Installation of Middleware Application for ILMS installed
11. Tagging RFID labels on Books and other items on stock
12. Pasting of Paper stickers (SIR Labels) on RFID Tags
13. Services for Spine paper labels, adopting Specific work process Pasting labels on Book spine highlighting the Class Number and Book Number of each book and covering with transparent plastic overlay.
14. Providing and Pasting of Spine labels with transparent stickers
15. Training of Library staff on using RFID system effectively.
16. Printing, supplying & Pasting of Date labels of books to be printed as per our specifications
17. Generation and printing of students /borrowers RFID smart cards.
18. Preparation of Web OPAC (Online Public Access Catalogue) and posting it on College Website.



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Technical Specifications

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|----|--|
| 1. | Self Adhesive RFID Tags for Books <ul style="list-style-type: none">▪ The RFID chip used in the tag should have been designed specifically for Library use i.e. it should have three sections<ul style="list-style-type: none">- 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 once▪ Tag size should be app. 50mm x 50mm (+/- 10%) with at least 1024 bits memory, multi-read, antitheft▪ Distance for detection from pedestal should be minimum of 36 inches▪ Tags should be ISO 15693/18000-3 compliant |
| 2. | Multi Purpose RFID Staff Station <ul style="list-style-type: none">▪ It should be small in size and economic so as to use it in any library desktop configuration▪ Read/Write/Anti-theft programming should be done in one single operation▪ Read/Write distance of minimum 20 -30 CMs▪ Should be ISO 15693 and ISO 18000-3 compliant▪ Client software should support following feature and is to be integrated with KOHA LMS:<ul style="list-style-type: none">- Tagging after proper online validation of the title/member records in ILMS database.- Tag monitoring by accessing item record from ILMS database.- Sorting by accessing Title record from ILMS.- Check out /Check in /Renewal- Provision for display of member photograph along with member details while doing the transactions.- Provision for display of reservations done by a member along with sequence and date of collection.- Provision of enquiry of checkouts against a member and its due date.- This facility is available on all transaction screens for reducing response time while presenting the details before the member.- Provision for details of fine against a member along with fine receiving functionality.- Provision to print transaction slip on 80mm thermal printer- Reserved Titles get highlighted while check - in |
| 3 | Library Security Gate Single Aisle (EAS Pedestals) along with Dome camera <p>Security gate should include one theft detection pedestal. We plan to install the pedestal at one location in the library. The system should have suitable number of I/O ports for Standard electronic counter, web cam trigger, CCTV, Locking gates, etc. The offer must be complete in all respects and must include all the components required for the functionality of the system. Library security gate would have following specifications as mentioned below:</p> <ul style="list-style-type: none">- Frequency: 13.56 MHz- ISO:15693/18000-3- Detection Range: 100-120 CMs between two pedestals- Can be configured to detect different chip types simultaneously.- No need to be linked to the library database. If EAS on detected, chip type, ID number, date and time are stored.- A pedestal including 1 antenna set (3 antennas) for large detection field and in-built Electronic Control Unit (Controller) integrated into the pedestal bottom.- Lights and buzzer located at the top of the pedestal.- Powerful DSP (Digital Signal Processor). |



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|----|---|
| | <ul style="list-style-type: none">- Integrated Bi-directional People Counter (Infra-Ray Port), Counts In/Out foot falls.- Ethernet communication interface- Security mode: EAS & AFI.- Panels in high quality Acrylic UL94 HB.- Dimensions: 1846 X 546 X 45 mm- Base Plate: 620 X 80 mm- Floor Mounting Option- Dome camera colour |
| 4 | Self Checkout Kiosk with 80mm Thermal Slip Printer Specifications: Corian Kiosk enclosure, RFID Reader with PAD Antenna, 22" LED Touch Screen Monitor (Capacitive/Helium), High Speed Thermal Slip Kiosk Printer (80 MM), Ultra Small CPU, Receiving Cart (100 books * 2nos), Communication Interface, Transaction Status, Transaction Print out and -Client software to guide the individuals in checking-out, check-in and renewal facility integrated with KOHA software. |
| 5 | Book Drop Specifications: Corian Book Drop enclosure, RFID Reader with PAD Antenna, 22" LED Touch Screen Monitor (Capacitive/Helium), High Speed Thermal Slip Kiosk Printer (80 MM), Ultra Small CPU, 250 Books Cushion Drop Books Receiving Cart (branded/Reputed, having national/global presence and Client software to guide the individuals in checking-in of RFID tagged books integrated with KOHA software. |
| 6 | Color Institute Logo Sticker for Shielding RFID Book Tags |
| 9 | RFID Handheld Reader for Shelf Management Specifications: Handheld RFID Reader with in-built PDA having 256 MB DDR RAM, 288 MB Flash and microSD card slot, 3.5" QVGA touch screen and adjustable LED backlight and daylight readable along with Client software to performs Stock checking, monitoring and locating misplaced books on shelf. |
| 10 | RFID Server Layer for integration of RFID Devices with KOHA LMS. |
| 11 | Shelf Management system WiFi Portable Library Inventory Reader with two units of rechargeable NiMH batteries along with one reputed/branded Pocket PC with 64 MB and One reputed/branded Notebook Software Components: Client software for Pocket PC/Notebook. Long lightweight handheld; performs Stock-checking, Re-shelving, and also locates specific items; sorting and monitoring of library material on shelf along with locating misplaced documents; data downloaded to PC / Pocket |
| 12 | Delivery at F.O.R. Govt. Degree College Billawar |



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Technical Requirements

1. The firm should have experience in similar work in any university or College for which documentary evidence is to be attached with the tender.
2. The firm should be registered with Income Tax and Sales Tax Departments, for which proof is to be attached.
3. Annual turnover of the firm should be Rs.01 lac or above for last three financial years (documentary evidence is to be attached).

Mandatory Conditions

1. The job is to be undertaken at Library Govt. Degree College Billawar
5. The job is to be completed within 30 days and the progress report shall have to be submitted after every week along with demonstration.
6. The data retrieval and data entry is to be made only by qualified professionals in the field under the supervision of Librarian.
7. The agency shall have to incorporate any correction in the database without any extra cost.
8. The agency shall have to make all the modules of the KOHA software workable for which demonstrations are to be given to the library staff.
9. The tender document should be accompanied with a Demand Draft/CDR worth Rupees Ten thousand (Rs. 10,000) in favour of Govt. Degree College Billawar payable at Billawar.



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GENERAL INSTRUCTIONS

1. The tender should be sealed and super scribed "Tender for Library Automation for Govt. Degree College Billawar" which should reach by or before 15 days from the publication of this tender notice in the newspaper and shall be opened by the Library Committee on next day at 10 a.m at Govt. Degree College Billawar.
2. All the entries in the tender document should be legible and filled clearly. If the space for furnishing the information is insufficient a separate sheet duly signed by the authorized signatory may be attached. No overwriting or cutting is permitted in the tender.
3. For any clarification call on 9419156980 on all working days from 9.00 am to 3:00 pm
4. The Principal Govt. Degree College Billawar reserves the right to reject any or all tenders without assigning reasons thereof.



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TENDER DOCUMENT FOR AUTOMATION OF LIBRARY

1. Name of Agency/Firm: _____
2. Details of Earnest Money Deposit: DD No. _____ Date _____ Of
Rs. _____ drawn on Bank _____.
3. Name of Proprietor/Partner/ Director: _____
4. Address of Registered Office: _____
E-mail address: _____
Telephone/Fax No. _____
5. Name and telephone no. of authorized officer/person to liaise with
college _____
6. PAN. _____
7. GST no. _____
8. Financial Turnover of the tendering agency over last three years

| Financial Year | Amount in Lakh | Remarks |
|----------------|----------------|---------|
| 2018-19 | | |
| 2017-18 | | |
| 2016-17 | | |
9. Cost of Automation per books _____
10. Cost of Digitization per page Rs _____
11. Annual maintenance cost for total automation activities Rs _____

Date: _____

Place: _____

Signature of authorized person

Full Name: _____

Seal and Signature of Bidder



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(DECLARATION)

I _____ Son/Daughter/Wife of
Shri _____ Proprietor/ Director/Authorized signatory of the
agency, mentioned above, am competent to sign this declaration and execute this tender
document:

1. I have carefully read and understood all the terms and conditions of the tender and undertake to abide by them.
2. The information /documents furnished along with the above application are true and authentic to the best of my knowledge and belief. I/we, am/are well aware of the fact that furnishing of any false information /fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.
3. We have not been black listed by any (Central/State) Government/ PSU Departments.

Date:

Place:

Signatory of authorized person

Full Name:

Seal and signature of Bidder