Government Degree College Tangmarg

Library automation and Supply, Installation, Testing and Commissioning of RFID (Radio Frequency Identification) integrated with SOUL-3.0 based Library System in college Library on behalf of Government Degree College Tangmarg Baramula

Government Degree College, Tangmarg, Baramulla invites tenders/bids from eligible and qualified Original Equipment Manufacturers (OEMs) or Authorized Service Providers for the Library automation and supply, installation, commissioning, and training of a state-of-the-art High Frequency RFID Library System, along with related services. The selected bidder will be required to provide high-quality products and services that meet the specifications outlined in the tender document.

SECTION I

Eligibility Criteria for the Bidder/OEM: (Original Equipment Manufacturer)

1. The Bidder should be Manufacturer/Authorized dealer. Bidder should submit Certificate of Authorization from the Principal Manufacturing Company to quote the Bid. A dealer's sub-resellers are not allowed to bid for the project. Letter of authorization from Original Equipment Manufacturer specific to this bid should be enclosed. The letter should mention OEMs contact numbers, email addresses and website with whom authenticity of letter can be cross checked. To verify the authenticity of the items quoted in the tender the RFID equipment should be available on OEM's website.

2. a) The Bidder/OEM must have an office in Kashmir Division UT of Jammu & Kashmir. Please attach the copies of any two of the following: Property Tax Bill of last year / Electricity Bill of last three months / Telephone Bills of last one year / GST Registration.

b) The bidder should have been in existence in India and registered with the registrar of companies and should have experience in the relevant field.

 c) Bidder/OEM (Original equipment manufacturer) must ensure that the warranty support & service should be available up to delivery location to provide repairing cum replacement services of faulty equipments within 48 hrs. Bidder is required to provide the name & address & contact details of the firm for providing warranty support & repairing cum replacement service up to delivery location. Vendor will not ask for any service charges for warranty period.

3. The Bidder/OEM should have implemented library automation solution (RFID Based) in Govt. libraries across India and libraries in J&K having 10,000 or more books in each of the libraries. Out of these, at least 3 libraries should be integrated with SOUL 3.0 Library Management Software and should be functional since last 3 years. Customer references and Purchase orders must be attached along with the bid. * *Customer reference will be validated/ cross checked by college as well**

4. The College reserves the right to accept or reject any or all the offer including the lowest quote without assigning any reason.

5. Middleware Applications must be compatible with SOUL LMS RFID server interface (NCIP 2.0).

6. The intending firms will have to upload copy of Earnest Money Deposit in the shape of Call Deposit Receipt (CDR) from any Nationalized Bank/Scheduled commercialized bank (SCB having a branch in UT of Jammu and Kashmir, for an amount of Rs. 50,000/= (Rs. Fifty Thousand only) drawn in favour to Principal Government Degree College, Tangmarg Baramula. However, the firms having valid MSE (Micro and small enterprises) certificates must submit valid documents and self-declaration in the attended format.

7. Bidders who wish to participate in this Bid will have to submit the documents to below address through Post/Courier/In Person.

8. Documents to be uploaded and the original copies to be submitted in the Office of the Principal, Government Degree College Tangmarg Baramula, Pin code-193402

S.No.	Document
1	Scanned copy of Registration certificate with J&K State Govt./Central Govt. (Form C)
2	Latest "Sales Tax/VAT Clearance Certificate "issued by competent authority".
3	Scanned copy of EMD for Rs 50,000/= in the form of CDR, Pledged to the Principal Government Degree College Tangmarg Baramula (original to be submitted in office)
4	Copy of ITR for last 3 years duly authenticated by the chartered accountant. (Self attested)
5	Satisfactory work certificate from the institutions served. (Universities and Colleges)
6	Details of the Office in Kashmir division, UT of Jammu and kashmir- Electricity bill, telephone Bill and Contact Person details
7	Copy of PAN, Adhaar, GST registration certificate
8	Certificate of Authorization for Bidder as well as OEM from the Principal Manufacturing Company
9	Specification Check List
10	Compliance letter (attached) on its letter head duly signed by the authorized person & other supporting documents as asked for in the Bid.
11	Undertaking on the letter head to provide free service as and when required during the warranty period.
12	MSE (Micro and small enterprises) certificate for EMD exemption.
13	Turn over for last 3 years which should not be less than 5 crore, certificate duly authenticated by the chartered accountant (Self attested).
14	Self declaration for exemption of EMD in attended format.
15	Undertaking signed by the first class judicial magistrate for compatibility of their equipments/ softwares with SOUL LMS. In case of any issue between two systems the same shall be resolved by the firms itself. The college will not provide any assistance in this regard.

Note: Non-compliance or deviation from any tender terms, eligibility criteria, or technical specifications may result in rejection of the tender. Failure to provide all required information or submission of non-responsive tenders will be at the bidder's risk and may lead to rejection. Feedback from existing customers regarding service and product quality will be taken into account; negative feedback will result in rejection of the technical bid. The purchasing committee may request a technical demonstration before approving the bid. Quality is paramount—only branded products will be accepted. Inferior quality products will be rejected.

SECTION II

General Terms & Conditions:

1. The **Bidder may quote only one option (i.e. only one product can be quoted) against each item.** Bidders are required to mention make & model of the product. (Do not write "OEM" against items as Bidders is expected to give make & model of the product).

2. The Bidder will have to supply, install, commissioning & maintain and provide operational training for supplied hardware, operating software and peripherals and carry out necessary integration at end user office.

3. If in any case the quoted Item (Branch / Model) is not available in the market after awarding of contract, the Bidder will have to supply Higher Version/replacement of the Item in the quoted cost in the same time duration with prior approval of Government Degree College Tangmarg Baramula Kashmir.

4. No "End of Life" product should be quoted to minimize such instances. (Make & Model quoted by the Bidder should be available till the Tender validity, duly supported for spares/OEM support for warranty period).

5. Technical specifications indicated **are minimum specification. Bidder may quote for better solution.** The Bidder should provide following with the technical bid:

- Make & Model Number
- Name of Manufacturer
- Technical Literature
- Manufacturer's Data Sheet.
- Compliance statement from the OEM of the product.

6. The Bidder has to submit the compliance letter on its letter head duly signed by the authorized signature & other supporting documents as asked for. Failing to submit the same or noncompliance/deviation from any Bid terms and conditions, eligibility criteria or technical specifications may result in rejection of the Bid.

7. The Bidder has to examine all **instructions, forms, terms, conditions and specifications in the Bidding documents**. Failure to furnish all information required by the Bidding documents or submission of a Bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection.

8. **Bid Currency** - Prices shall be quoted in Indian Rupees only. Payment for the supply of equipments as specified in the agreement shall be made in Indian Rupees only.

9. The Bidder will have to submit **Earnest Money Deposit (E.M.D.) of Rs. 50,000/- (Rupees fifty thousand Only)** (Refundable) in the form of CDR Pledged to the Principal Government Degree College Tangmarg Baramula on or before date & hours of opening the Bids**.**

10. EMD as mentioned above, shall be submitted in the form of CDR, must be submitted along with the covering letter. Please affix the stamp of your company on the overleaf of demand draft.

11. In case of non-receipt (uploaded and hardcopy) of EMD as mentioned above. Your bid will be rejected as non-responsive.

12. Unsuccessful Bidder's E.M.D. will be returned as promptly as possible after the expiration of the period of Bid validity OR upon the successful Bidder signing the Contract.

13. Successful Bidder will have to sign the contract upon receiving the confirmed purchase order with the purchaser(s) within **10-15** working days from the date of confirmed purchase order. (The draft is attached herewith).

14. **Performance Security Deposit**: The successful bidder will have to furnish Performance Security of 5% of the total purchase order in the form of CDR/ Bank Guarantee within 14 days of award of contract. The performance security should be valid for a period of 60 days beyond warranty (3 years) period.

15. The successful Bidder's E.M.D. will be returned upon receipt of performance security.

16. The E.M.D. may be forfeited at the discretion of **Government Degree College Tangmarg Baramula Kashmir** on account of one or more of the following reasons:

   (a) If a Bidder withdraws it's Bid.

   (b) If Bidder does not respond to requests for clarification of their Bid.

   (c) If Bidder fails to co-operate in the Bid evaluation process.

   (d) In case of a successful Bidder, if the Bidder fails:

      (i) To sign the Contract as mentioned above or

      (ii) If the Bidder is found to be involved in fraudulent practices.

17. Price shall be inclusive of all freight, forwarding, transit insurance, installation, warranty and maintenance charges.

18. Prices shall strictly be submitted in the given format. Quoted prices shall be mentioned separately in the respective columns.

19. **Evaluation of the Bids:** After the closing time of submission, Government Degree College Tangmarg Baramula Kashmir committee will verify the submission of EMD as per Bid terms and conditions. The Technical Bids of the participating bidders will be opened first to determine the eligibility of the bidders as per terms and conditions of this tender notice. Government Degree College Tangmarg Baramula Kashmir will seek clarifications if required on eligibility & technical section. The financial bid of the technically qualified Bidders will be opened and financially L1 Bidder will be decided from the sum total of prices for all line items without tax with 3 year onsite warranty and then called for further negotiations if required.

20. **Technical Demonstration**: After opening of technical bids, the firms will be called to the college for Live technical demonstration of their products before proceeding for financial opening.

21. **Delivery & installation:** Within **30 working days** from the date of confirmed purchase order. College may consider the extra time for installation if found suitable.

22. Bid validity will be for the financial **year 2024-25 after the date of financial Bid opening**.

23. Bidders are required to quote all items including optional add-ons as well. Incomplete bids will be treated as non-responsive and will be rejected.

24. **Warranty**

1. **Warranty:** Comprehensive onsite warranty for 3 Years from the date of installation of procured equipments.

2. If any equipment gives continuous trouble, say 5 times in one month during the warranty period, the Bidder shall replace the same with new equipments without any additional cost to the purchaser.

3. If any manufacturing or other technical defects are found within the warranty period, the same will have to be replaced or rectified free of cost by the Bidder.

4. **Maintenance service**: Free maintenance services shall be provided by the Bidder for 5 years.

5. The Bidder / System Integrator will be required to co-ordinate with software vendor and / or do liasioning with other service provider to achieve the end-to-end connectivity. This also includes Server OS configuration with respect to LAN/WAN technologies implementation.

24. **Penalty Clause**

   1. Penalties for delay in delivery and installation:

a) If the Bidder fails to deliver and install the requisite hardware and software within 30 working days of the issue of the confirmed purchase order, then a sum equivalent to five percent (5 %) of the total contract value shall be deducted from the payment for each calendar week of delay or part thereof, unless extension is obtained in writing from this office on valid grounds before the expiry of delivery period.

b) The amount of penalties for delay in delivery and installation shall be subject to a maximum limit of 20% of the total contract value.

c) During warranty period, if the complaint is not resolved within 48 hrs the penalty of Rs. 200 per day for Security Gate Antenna System, Self Check out Station, Smart Card Printer, Book Return Station and within 72 hrs for Handheld Reader & Staff Station Reader, penalty of Rs. 100 per day will be levied. However, if the complaints not resolved within 7 days then from 8th day to 14th day, penalty would be levied @ 50% and from 15th day onwards penalty @ 70% of the above rates would be levied.

d) In case an item is not usable beyond the stipulated downtime the bidder will be required to arrange for an immediate replacement of the same till its is repaired within a period of one week.

25. **Payment:** Payment for Goods and Services shall be made by Government Degree College Tangmarg Baramula Kashmir in Indian Rupees as follows:

   a. No advance payment will be made.

 b. The Supplier shall be paid 100% of payment against Supply, Installation, Commissioning, Acceptance Testing, Training and putting into operation of equipment's at designated place against the invoice.

   26. Government Degree College Tangmarg Baramula Kashmir reserves the right to change any Bid condition of any item even after inviting the bids, with/without prior notification.
   27. Government Degree College Tangmarg Baramula Kashmir reserves the right to accept or reject any Bid, and to annual the Bidding process and reject all Bids at any time prior to awarding the Contracts, without

thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for such decision.

28. The Bid quantities/ items are estimated based on the receipt of the requirement from Indenting Department. The quantities/ items may decrease up to 50%-100% of the Bid quantity or increase up to 50% of the Bid quantity at the time of finalization, depending upon the change in the requirements/grants available with the purchaser(s), which shall be binding to the Bidder.

29. The College shall not be responsible for any delay / difficulties / inaccessibility of downloading facility for any reason whatsoever. In case of any discrepancy between the Bid documents downloaded from internet and the master copy available in this office, the latter shall prevail and will be binding on the tender(s)/ Bid. No claim on this account will be entertained. Rates quoted by the bidder should be inclusive of GST/ all taxes.

30. **Limitation of Vendor's Liability:** Vendor's cumulative liability for its obligations under the contract shall not exceed the contract value and the vendor shall not be liable for incidental, consequential, or indirect damages including loss of profit or saving.

31. In case of any dispute, the same shall be resolved initially by the mutual parties within a period of two months. In case of failure to resolve a dispute mutually, it will be subject to jurisdiction of Tangmarg court only

32. All correction/addition/deletion shall require authorized countersign.

SECTION III

SCOPE OF WORK:

Modernization of Library of Government Degree College Tangmarg Baramula. Government Degree College Tangmarg, Baramula has decided to automate and introduce Radio Frequency Identification (RFID) System in College Library.

Equipment, Services & Tools for Self-Service:

1. Automation and Classification of Library Books.
   1.1 Classification of books as per DDC (latest edition)   classification scheme.
   1.2 Data entry in Soul 3.0 database (Books & Member entry)
   1.3 Shelf Rectification.
   1.4 Labelling and Pasting of Labels.
2. Networking.
3. Online UPS (10 KVA) with 16 batteries
4. **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.
- All RFID Equipment (Tags, Readers & Gates) should be from One RFID Manufacturer. Provide certificate from OEM

Data Validation:

It would be required to physically verify each and every book detail and enter it in SOUL 3.0 DBMS 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 has to 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.
- Successful bidder will have to provide Technical support for period of 5 years (Online/ in person) after Library automated system Installation to supervise work done by departmental employee and train them for all process of Automated Library System

Note: All the RFID components chosen for complete solution should be conform to NISO guide lines for use of RFID in Libraries and ISO 15693 / ISO 18000 - 3, ISO14443A or Mifare in accordance with equipments (All systems must be compatible with Global RFID ISO standards).

- Modularity, Expandability and Upgrade ability in the overall system configuration should be open.
- 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 be fully accountable for the performance of all components of the supplied RFID equipments.
- Supplied hardware and software should have proven compatibility with ILMS SOUL 3.0.
- The Bidder will have to train library staff (at least 05) 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 available when ever required by 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 (Updates) 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 / Phone call/ WhatsApp/ remote login 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.
- 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, printing of ID cards. Complete write-up/manual/guide for operation and handling of RFID equipments. Training to be given to all library staff working on various library operations.

SECTION IV

Minimum Technical Specifications

<table>
<tr><td colspan="4">Item No. 1: Library Staff Station</td></tr>
<tr><td>Item Minimum Specifications</td><td>Qty.</td><td>Matched/ Not Matched</td><td>Remar ks (If any)</td></tr>
<tr><td>Read/Write/Anti-theft programming should be done in one single operation</td><td>01</td><td></td><td></td></tr>
<tr><td>Read/Write distance of Up to 25 cm and programming time of 1 second</td><td></td><td></td><td></td></tr>
<tr><td>Should be fully ISO/IEC 14443A, 15693 and ISO 18000:3 compliant</td><td></td><td></td><td></td></tr>
<tr><td>The programming station should interface with the Library Management Software using NCIP V2.0protocol</td><td></td><td></td><td></td></tr>
<tr><td>Integrated with reader for patron ID Card based ISO/IEC 14443A Mifare Plus to read for circulation</td><td></td><td></td><td></td></tr>
<tr><td>Staff station should have integrated card activation feature.</td><td></td><td></td><td></td></tr>
<tr><td>Integrated with reader for patron ID Card based ISO/IEC 14443AMifare Plus for personalization of data into the ISO/IEC 14443A Mifare Plus passive contact less 1Kb smart card in the pre-defined location in the memory The details of memory location in smart card will be provided at appropriate time</td><td></td><td></td><td></td></tr>
<tr><td>NCIP V2.0 compliance software interface integrated with integrated library management software for all operations like patron card personalization, check-in. check-out, renew, reserve etc of library circulation</td><td></td><td></td><td></td></tr>
<tr><td colspan="2">Specifications</td><td></td><td></td></tr>
<tr><td>Parameter</td><td>Technical Specs</td><td></td><td></td></tr>
<tr><td>Operating Frequency</td><td>13.56 MHz</td><td></td><td></td></tr>
<tr><td>Power Supply</td><td>5V to 12V</td><td></td><td></td></tr>
<tr><td>Power Consumption</td><td>1.2W minimum</td><td></td><td></td></tr>
<tr><td>Transmitting Power</td><td>1W minimum</td><td></td><td></td></tr>
<tr><td>Read Range</td><td>Up to 25 cm</td><td></td><td></td></tr>
</table>

		Matched/ Not Matched	Deviation, If any
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 (Acrylonitrile Butadiene Styrene) or Similar		

Item No. 2: 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 are interdependent of each other and also have an overlapping protection zones providing additional security. The offer must be complete in all respects with CCTV integration and must include all the components required for the functional of the system Library security gate.		01		
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				
Gate should be movable not fixed to walls or floor.				
It should display library footfall (In/Out). Which should be stored (inhouse/cloud).				
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 m with pair of gates			
Communication Interface	RS232 / Ethernet			
Supported Transponders	ISO 15693-3, I Code			
Operating Temperature	-10°C to +70°C			
Communication Parameters	Baud Rate: 115200 Kbps			
Weight	25 Kg approximately			
Housing Material	ABS/ Plexi Glass or similar (Anti corrosive)			

Item No. 3: Self Check In/ Check Out Kiosk Station			
Item Minimum Specifications	Qty.	Matched/ Not Matched	Deviation, If any
RFID Reader and Antenna with multiple Read/Write facility	01		
Kiosk should suit the library décor. With user friendly interface			
High Speed Thermal Slip Printer			
17" or higher LCD/LED Touch Screen Monitor (in built) using Capacitive Technology			
Branded Small Form Factor CPU			
Multi protocol firmware ISO/IEC 14443A. 15693 and ISO 18000:3 compliant			
Communication interface — Ethernet			
The Self Checkout/In station client software should interface with the ILMS Software giving following features: ◦ Check out / Renewal/Check in ◦ Transaction Status ◦ Transaction Printout . Option to have/have not receipt			
The station should also have incorporated Check in feature. It should also prompt if the book is overdue.			
Provision of enquiry of checkouts against a user and its due date.			
Provision for display of reservations done by a user along with sequence and date of collection,			
Provision for enquiry of fine against a user,	01		
Material used should be corrosion free/ powder quoted.			
Specifications			
Parameter	Technical Specs			
Operating Frequency	13.56 MHz			
Power Supply	180-230V Ac; 50 Hz			
Power Consumption	1.2W minimum			
Transmitting Power	1W approximately			
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. 4: RFID Book Drop / Book return Station			
Item Minimum Specifications	**Qty.**	**Matched/ Not Matched**	**Deviation, If any**
24 hrs operation should be possible	01		
Minimum 100 books bin to be provided			
Real time check in should be processed			
High Speed Thermal Slip Printer with Option to have/have not receipt			
17" or higher LCD/LED Touch Screen embedded Monitor using Capacitive Technology			
Small Form Factor CPU			
Anti corrosive/ powder quoted body.			
Integrated with Soul 3.0			

Item No. 5: RFID Smart Cards			
Item Minimum Specifications	**Qty.**	**Matched / Not Matched**	**Deviation, If any**
The smart cards should be 1kb Mifare Plus cards	1000		
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. 6: 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 The RFID chip should have multi read function, i.e. several tags can be read at the same time.			
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),			
Tag size should be 80mm x 50mm with at least 2048 bits memory, multi-read and antitheft.	13500		

Distance for detection from pedestal should be minimum of 92 cms			
Tags should be fully ISO 15693/18000-3 compliant			
Other features: "Tag Talks First" (TTF) feature, tamper proof, 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 80X50 mm ± 0 5mm • Transponder die-cut size 80 x 50 mm 0.2 mm • Thickness of the IC 150 micrometer ± 10% • Overall thickness of transponder package (excluding IC and siliconized paper) 200 micro meter ± 10% • Thickness of the siliconized wafer 56 micro meter			
Electrical characteristics • Integrated Circuit (IC) Philips i-Code-SLI X. • ICS protocol /anti-collision ISO 15693/18000-3 • Operating frequency 13.56 MHz • Unloaded resonance frequency 14.15 MHz ±0.30 MHz • Memory 2048 bits R/W EEPROM			
General characteristics of transponder • Operating temperature (electronics parts): -20'C to *85"C • ESD voltage immunity +12 kV peak. HBM • Bending diameter (D) > 50 mm. tension less than 10 N • Static pressure (P) < 10 MPa (10 N/mm2)			

Item No. 7: 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 College)	13500		
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. 8: Integration Module / Middleware Features

Item Minimum Specifications	Qty.	Matched/ Not Matched	Deviation, If any
	1		

Specification	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)	01		
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 and registration transaction 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 to 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			
Provision for details of fine against a member			
Provision of slip printing containing the details of a transaction			
Reserved titles shall get highlighted while check-in			

Item No. 9: Software for RFID Smart Card Printer (Model Zebra ZC 300)			
Item No.9: Minimum Specifications	**Qty.**	**Matched/ Not Matched**	**Deviation, If any**
Software for RFID Smart Card Printer (Model Zebra ZC 300)	01		
Cartridges/Ribbons	20		
Cleaning Kits	10		

Item No.10: Digital Check in/Check out Identification System for members			
Item minimum specifications	**Qty.**	**Matched/ not matched**	**Deviation, if any**
Should be Wall mount. Software: Readers will check in through QR Code, Entering Mobile No./Roll number etc (Customizable) .	01		
All data to be automatically stored in the Library allowing admin to check the activity of members in detail like frequency of visits to Library.			
Time Restriction: Admin should be able to restrict the time of users as per college rules and regulations.			

Display shall show case the no. of visitors currently present in The Library, visitor log /profile to be shown on the display screen (AI Board)		
Hardware: Display with good resolution, Bluetooth, Wi-Fi enabled, RAM, 6GB or above, Storage: 128GB or above, OS android or higher		
Display Size 10.95" Brightness 500nits Resolution 1600 x2560 Refresh rate 120Hz Processor Qualcomm® Snapdragon™ 860 Camera Rear: 13MP Front: 8 MP 1080p | 30fps 720p | 30fps Battery 8720mAh Connectivity Bluetooth: Bluetooth 5.0 Wi-Fi Protocol n/ac RAM 6GB Storage 128GB Operating-system Android 12 or Higher		

Item No. 11: Spine Labels for books

Item Minimum Specifications	Qty.	Matched / Not Matched	Deviation, If any
Gummed Cloth/ self adhesive as per Library Standards			
Round in shape	13500		

Item No. 12: Networking

Item Minimum Specifications	Qty.	Matched / Not Matched	Deviation, If any
12 ports using Cat 6 cable at necessary locations in the library to support RFID setup.	12 port		

Item No. 13: Job Work

Item Minimum Specifications	Qty.	Matched / Not Matched	Deviation, If any
(a) Classification of books as per DDC 21 ed (Approved Collection) (b) Retrieving of books from the shelf and returning the same to the specific location.	13500		

(c) Data entry of books/CD's in SOUL 3.0 to be done in single process. (d) Labelling and Pasting of SPINE labels on books. (e) RFID tagging of books. RFID tags and institutional labels to be pasted in same process. (training of staff) (f) Member entry in SOUL 3.0. (Data to be provided by college) (Apr. 2000)		
Member card printing (Apr. 1000)(training of staff)	1000	

Item No. 14: Online UPS with batteries			
Item Minimum Specifications	Qty.	Matched / Not Matched	Deviation, If any
Online UPS (10 KVA)	1		
Batteries	16		
Iron Rack	01		
Specifications: Backup : >=90 minutes Battries: 100 AH			

Item No. 15: A. I based Fresh Arrival Digital Notice Board. (60 inches diagonally)with software			
Item minimum specifications	Qty.	Matched/ not matched	Deviation, if any
Cloud based software with multiple users, Online and Offline mode, Option of YUBIKEY for dual authentication, CMS has multiple in-built apps to carry out tasks efficiently and effectively like (Notify 2.0, Event Countdown, Live streaming, Global News Sources)	01		
Artificial based apps to showcase your Library New Arrivals, Best Sellers, Book Synopsis which runs completely on A. I.			
Live preview availability on CMS side, all kinds of file formats (Videos, Images and documents)			
Software Part: Cloud Type: AWS (Amazon Web Services), Cloud Storage: 5GB/Machine, Access: Laptop, Desktop, Mobile, Users: unlimited, Dual Authentication: YES (Security Key with NFC) ,			

Data Logs (should store logs of registered members and visitors in detail): YES (Detailed LOGS), Date and time Admin Should be able to download logs of users for specific dates and times All in one solution :Cloud CRM should be able to control, access and push data to Digital Check-in/Check-out, Library New Arrivals Display through one software only running on cloud. Integration with Library New Arrivals Display: Complete integration (Show registered members and visitor's profiles on screens who are currently in the premises apart from the data of the digital new arrivals)			
Hardware: Display UltraHD(4K) Resolution3,840×2,160 Refresh rate 60Hz MEMC Engine Reality Flow DCI-394%CPUQuadCore Ports DMI2.1x3,USBx2,Ethernetx1 , AVx13.5mmx1 Connectivity Bluetooth5.0,DualBandWi-Fi2.4GHz/5GHz-802.11a/b/g/n/ac(2x2MIMO) RAM 2GB Storage 8GB			

SECTION V

FINANCIAL BID FORMAT

Sr. No.	Item	Quantity	Make & Model	Name of OEM	Authorization Letter Submitted? (Yes/No)
1	Library Staff Station	01			
2	Two EAS Pedestals Library Security Gate	01			
3	Self Check in/ Check Out Kiosk Station	01			
4	RFID Book Return Station	01			
5	RFID Smart Cards	1000			
6	Self Adhesive RFID Tags (for Book)	13500			
7	Institutional Labels	13500			

8	Integration Software / Middleware Software	01			
9	Software for RFID Smart Card printer with 20 full colour ribbons and 10 cleaning kits	01			
10	Digital Check in/Check out Identification System for members.	01			
11	Spine Labels	13500			
12	Networking	12 port			
13	Job Work	13500 Books			
	Job work Card printing and tagging	1000			
14	Online UPS 10 KVA with 16 batteries and iron rack	01			
15	A. I based Fresh Arrival Digital Notice Board. (60 inches diagonally) with software	01			

Warranty Support & repairing cum replacement service up to delivery locations

Sr. No.	Address	Contact Person	Contact Nos.	Type of supporting document attached
1				
2				

Experience Details (Customer References)

Sr. No.	Name of the Organization	No. of Books Library Having	Date of PO and Period of Implementation (in days)	Total Purchase Order Value	No. of Installations	Type of Supporting Document Attached
1						
2						

Performa of Compliance letter/Authenticity of Information Provided

(On Non judicial Stamp paper of Rs. 100/- duly attested by the First class Magistrate/Notary Public)

Date:

To,

Government Degree College Tangmarg Baramula UT of J&K

Sub: Compliance with the tender terms and conditions, specifications and Eligibility Criteria

Ref: Bid for Library automation and Supply, Installation and Commissioning of RFID based Library System for Central Library of Government Degree College Tangmarg Baramula UT of J&K (Bid no. _____).

Dear Sir,

With reference to above referred Bid, I, undersigned <<Name of Signatory>>, in the capacity of <<Designation of Signatory>>, is authorized to give the undertaking on behalf of <<Name of the Bidder>>.

1. All RFID Equipment (Tags, Readers, Gates, Kiosk etc.) are from one RFID manufacturer. (OEM Certificate attached).

2. We will do the data entry and classification of Library books as per library norms and standards.

3. All the RFID components chosen for complete solution conform to NISO guidelines for use of RFID in Libraries and ISO15693/ISO18000–3, ISO14443A or Mifare in accordance with equipment's (All systems are compatible with Global RFID ISO standards).

4. If our firm selected as a L-1 bidder our firm will demonstrate the hard ware with SOUL3.0 at GDC Tangmarg Baramula library as per direction received from the Campus Authority.

5. Our firm will provide training to Library staff (at least 05 staff members) for key functions like circulation, technical services, system administrator and public services for using of all equipment.

6. We wish to inform you that we have read and understood the technical specification and total requirement of the above mentioned bid submitted by us on DD.MM.YYYY.

7. We here by confirm that all our quoted items meet or exceed their requirement and are absolutely compliant with specifications mentioned in the bid document.

8. In case of breach of any bid terms and conditions or deviation from specification other than already specified as mentioned above, the decision of the authority of Government Degree College Tangmarg Baramula Kashmir for disqualification will be accepted by us.

9. The Information provided in our submitted Bid is correct. In case any information provided by us are found to be false or incorrect, you have right to reject our Bid at any stage including forfeiture of our EMD/

Cancel the award of contract. In this event, Government Degree College Tangmarg Baramula Kashmir reserves the right to take legal action on us.

Thanking you,

Dated this _____ day of_____YYYY

Signature: _____

(In the Capacity of) :_____ Duly authorized to sign, for and on behalf of _____

Note: This form should be signed by authorized signatory of Bidder .

Bid Security Declaration
(on Bidders Letter-head)

Bidder's Name_____
[Address and Contact Details]
Bidder's Reference No._____   Date_____

To
Principal,
Government Degree College
Tangmarg Baramula UT of J&K

Ref: Your Tender / Bid Document No. _____ dated _____ for procurement of
_____(GOODS)

Subject: Bid Security Declaration

Sir/ Madam

        We, the undersigned, solemnly declare that:

        We understand that according to the conditions of this Tender Document, registered MSE/ STARTUPS are exempted from submission of Earnest Money Deposit. Accordingly, we M/s ………… are eligible for exemption from EMD and relevant documents/certificates are attached. Accordingly we hereby declare that:

We unconditionally accept the conditions of this Bid Security Declaration. We understand that we shall stand automatically suspended from being eligible for bidding in any tender in Procuring Organisation for 2 years from the date of opening of this Bid if we breach our obligation(s) under the tender conditions if we:

1) withdraw/ amend/ impair/ derogate, in any respect, from our bid, within the Bid validity; or

2) being notified within the bid validity of the acceptance of our bid by the Procuring Entity:

    (a) Refused to or failed to produce the original documents for scrutiny or the required Performance Security within the stipulated time from the date of issue of supply order/contract.
    (b) Fail or refuse to sign/accept the contract.

We know that this bid-security Declaration shall expire if the contract is not awarded to us.

(Signature with date)

………………………..

(Name and designation)

Duly authorized to sign bid for and on behalf of……………………….

[name & address of Bidder and seal of company]

Dated on …………. day of ………….. [insert date of signing]
Place…………………………………[insert place of signing]