SISTER NIBEDITA GOVERNMENT GENERAL DEGREE COLLEGE FOR GIRLS
HASTINGS HOUSE, ALIPORE
KOLKATA 700027

Memo No: SNGGDCG/79   **Dated: 12/03/2024**

NOTICE INVITING ELECTRONIC ITEM RATE TENDER NO. 02 OF 2024 – 2025 OF SISTER NIBEDITA GOVERNMENT GENERAL DEGREE COLLEGE FOR GIRLS , HASTINGS HOUSE, ALIPORE
WBHE/SNGGDCG/NIeT-02/2024-25
TENDER ID : 2024_DHE_684186_1

NOTICE INVITING PRE-QUALIFYING DOCUMENT CUM TENDER (TWO COVER SYSTEM)

For and on behalf of Sister Nibedita Government General Degree College for Girls, Hastings House, Kolkata 700027, the undersigned invites online item rates in form of e – tender quotation for the following items of work by two cover system.

Pre-qualifying documents in a separate cover and Bid document with BOQ rates in another cover are to be submitted by the Qualified Service-Providers or any other eligible bidders who satisfy the terms and conditions as laid down in the Pre-qualifying document.

Intending bidders may download tender documents from the e- procurement portal of Govt. website **www.wbtenders.gov.in** The pre-qualifying and bid documents duly filled in all respects should be submitted on-line through the e-portal as per the Server Time. Sister Nibedita Government General Degree College for Girls, Hastings House, Kolkata 700027 does not take any responsibility for the delay caused due to non-availability of Internet connection for on-line bids.

Name of the Work Items	**Item No. 1: Library Staff Station** **Item No. 2: Two EAS Pedestals Library Security Gate** **Item No. 3: Self Adhesive RFID Tags (for Book)** **Item No. 4: Institution Labels** **Item No. 5: Integration Module / Middleware Features**
Name and Address of the office	**Sister Nibedita Government General Degree College for Girls,Hastings House, Alipore, Kolkata 700027.**
Agency eligible to submit Quotations	**Reputed, resourceful, experienced & registered Private Agencies having experience of giving RFID service to educational institutionsand research institutions.**
Quotation papers	**e-Tender as per format given in Annexure -I**
EMD	**Rs.15000.00 (Rupees Fifteen Thousand only)**

The eligibility criteria are given below: -

1.   The applicant in the same name and style as prime agency should have successfully completed at least one contract of same type of work at least 40% (Forty Percent) value of the proposed contract within the last 5 years. Completion Certificate, Work Order, Schedule to be submitted. Audited Balance Sheet And Profit & Loss Account along with return should be submitted for last 3 years. (FY 22-23, 21-22, 20-21). Payment certificate authenticated by Departments should be furnished. PAN Card, GST Registration with Latest Return, Trade License, Voter ID, AADHAAR Card & P Tax Certificate, P tax Challan (FY 23-24), EPF & ESI Certificates, Paying slip of EMD (Scan Copy).

2.   The Bidder/OEM (Original Equipment Manufacturer) should have average annual turnover of Rs. 6 Crore (Minimum) in the last three financial years. The copies of Audited Accounts / Balance Sheet, Profit & Loss Account along with Income Tax Returns for the last three years shall be attached with the Tender.

3.   The Bidder/ OEM should have implemented HF – High Frequency RFID based library automation solution in at least 5 libraries having 10,000 books in each of the libraries with Koha Library Management Software, in India (out of that 2 must be from West Bengal). The RFID based Library Solutions should be working (operational) since at least 3 years with Koha LMS. Customer references and Purchase orders must be attached along with the Tender.

4.   The Bidder/ OEM should be a company registered in India with the Registrar of Companies since last 17 years or more.

5.   The quoted RFID Hardware must be used in at least 30 or more Government Academic Institution Libraries including at least 10 University Libraries.

6.   The Bidder/ OEM should have support office at West Bengal. Proof of office presence must be attached along with the Tender.

7.   The Bidder/ OEM should submit Certificate of Authorization from the Principal Manufacturing Company and Self-Declaration in case of OEM Bidding to quote the Tender. A dealer's sub-resellers are not allowed to bid for the project. Letter of authorization from OEM specific to this tender should be enclosed. The letter should mention OEMs contact numbers, email addresses and website with whom authenticity of letter can be cross checked.

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.   The selected vendor will be solely responsible for integration of their RFID device end-points/ middleware with stunnel based secure implementation of our hosted Koha in order to ensure full-proof, SSL based security using Public Key (PK) based certificate exchange facility as mentioned in the Koha User Manual.

10. GST deduction will be applied as per prevalent Govt. Rules. In case any additional/ excess work is required over the stipulated quantity stated in the schedule for routine maintenance work, the same will be treated as defect liability and the company has to do the maintenance work at his own cost. This is required to keep the service in good condition during the next One year after the completion of the work.

11. The total Time allowed for completion of the entire Allotted Work Schedule is 2 Months from the date of issue of Official Work Order.

1	Description of work	Total Installation of RFID Enabled Library Security in the Central Library of Sister Nibedita Government General Degree College for Girls, Hastings House, Alipore, Kolkata 700027.
2	Minimum Technical Specifications of Bid Items	As per Table No. 1 to Table No.5 given below.
3	Service Charge *	Rate must be quoted by the Service Provider
4	EMD	Earnest Money Deposit will be received by NET BANKING or through RTGS/NEFT system as detailed in finance department's website vide memorandum no (Ref. G.O. No.3975-F(Y) dated 28.07.2016 of Secretary to the Government of West Bengal Finance Department.
5	GST*	As per Prevalent Govt norms.
6	Warranty	Warranty is required for 1 year

Name of the Authorized Agency:

E-mail id   :

Telephone No :

Mobile No   :

Authorized Signatory
(Designation of Signing Authority)

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

Table No. 2

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 have an overlapping protection zone 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.		**1**		
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 meter 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			

Table No. 3

Item No. 3: 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	**4500**		
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			

Table No. 4

Item No. 4: 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)	**4500**		
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			

Table No. 5

Item No. 5: 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.	**1**		
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.			
The selected vendor will be solely responsible for integration of their RFID device end-points / middleware with stunnel based secure implementation of our hosted Koha in order to ensure full-proof, SSL based security using Public Key (PKI) based certificate exchange facility as mentioned in the Koha User Manual.			

Date & Time Schedule

Sl. No.	Particulars	Date & Time
1	Date of uploading of N.l.T. & other Documents (online)(Publishing Date)	12.03.2024, 18:55 PM
2	Documents download / sell start date (Online)	13.03.2024, 14:00 PM
3	Bid submission start date (Online)	13.03.2024, 14:30 PM
4	Bid Submission closing date (Online)	23.03.2024, 14:00 PM
5	Bid opening date for Technical Proposals (Online)	28.03.2024, 15:00 PM
6	Date of uploading list for Technically qualified Bidder (online)	To be notified later
7	Date of opening of Financial Proposal (online)	To be notified later
8	Date of uploading of list of bidders along with the approved rate	To be notified later

<div align="center">**General Terms and Conditions**</div>

1. **The authority reserves the right to accept or reject any Quotation without assigning any reason thereof.**

2. **No conditional / incomplete rate will be accepted under any circumstances.**

3. **The agency engaged for this work will have to maintain regular contact with the college authority.**

4. **The agency will keep itself ready to take up the work within seven (7) days from the date of issue of work order or from any other special date as will be mentioned.**

5. **Filled NIT without email id and contact number will be cancelled.**

6. **The decision of the college authority in selection of the company will be final and binding on all.**

7. **Financial proposal**

    i) **The financial proposal should contain the required documents in one cover (folder) i.e.Bill of Quantities (BOQ). The contractor is to quote the item rate online through Computer in the spaces marked for quoting rate in the BOQ.**

    ii) **Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the contractor.**

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Officer-in-Charge
Sister Nibedita Government General Degree College for Girls
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