**The LNM Institute of Information Technology, Jaipur**

**TENDER NOTICE**

The LNM Institute of Information Technology, Jaipur is a Deemed-to-be-University, set up as a Non-Profit Making institute located at Gram-Rupa Ki Nangal, Post-Sumel, Via-Jamdoli, Jaipur, Pin 302031 Rajasthan, under the joint venture of Government of Rajasthan and Lakshmi & Usha Mittal Foundation.

The institute invites proposals from competent vendors for “**Supply and Installation of RFID solution for the Library (RFID Gate, RFID Tags, RFID Staff Station)**”. Bidders can submit their sealed offer/s at the following address by Speed-post/Registered Post/By-hand (but not by Courier) before 05:00 PM on 28.05.2022.

Bids shall be addressed to the undersigned and deposited in the tender box available at the main gate of the Institute after marking due entries.

**Director**

**The LNM Institute of Information Technology,**

**Gram – Rupa Ki Nangal, Post – Sumel,**

**Via – Jamdoli, Jaipur- 302031**

**Email:** [**directoroffice@lnmiit.ac.in**](mailto:directoroffice@lnmiit.ac.in)

Bidders can also submit their **offer/s via Email** with password-protected document/file at the below-mentioned email IDs (E-mail must be sent on both mail IDs) before 05:00 PM on 28.05.2022.

**The Password protected document/file is to be sent to the purchase officer at the email id:** [**purchase.officer@lnmiit.ac.in**](mailto:purchase.officer@lnmiit.ac.in) **and the password should be sent to Chairman-PCC at the email id:** [**chairman.pcc@lnmiit.ac.in**](mailto:chairman.pcc@lnmiit.ac.in)**.**

[**purchase.officer@lnmiit.ac.in**](mailto:purchase.officer@lnmiit.ac.in)

[**chairman.pcc@lnmiit.ac.in**](mailto:chairman.pcc@lnmiit.ac.in)

**Bid Process:**

Technical & commercial details of the offer shall be enclosed in two separate envelopes/ files, duly marked as “Technical Bid for **Supply and Installation of RFID solution for the Library (RFID Gate, RFID Tags, RFID Staff Station)**” and “Financial bid for **Supply and Installation of RFID solution for the Library (RFID Gate, RFID Tags, RFID Staff Station)**”. Both Envelopes/ files shall be enclosed in a single envelope/ mail bearing the heading “Bid **Supply and Installation of RFID solution for the Library (RFID Gate, RFID Tags, RFID Staff Station)**”. Bids are liable to be rejected if any or both of the technical or commercial offers are found in open condition or required information is not found with the offer. Technically qualified vendors will be called for a presentation/demonstration of their products.

**Eligibility of bidder:**

1. The bidder should be an original equipment manufacturer (OEM) or its authorized dealer. The bidder is not OEM then they should be authorized for providing maintenance, warranty and spare parts from OEM. A copy of authorization/certificate from the OEM in the case of its authorized dealer i.e. a vendor who is not a manufacturer of the product.
2. The bidder should have successfully executed similar projects (RFID implementation with KOHA ILMS in major organizations particularly to any of the IITs, IIMs, NITs, IISERs and other Scientific Institute or similar repute in India or abroad (Letters of reference/completion certificates from past customers should be provided.)
3. The bidder should have vast experience of minimum single invoicing of Rs. 15 Lacs and above during the last three years.

**Technical Bid:** *(in separate sealed envelope/Email)*

It is mandatory for the bidder to submit following document while submitting bid/quotation:

1. Company profile or brief note about the bidder's company, PAN number, and GST number should be submitted by the Vendor.
2. Copy of authorization/certificate from the OEM in the case supplied by a vendor who is not a manufacturer of the product.
3. The makers name or brand name must be specified clearly and the relevant literature and pamphlets pertaining to the quoted product should be sent along with the bid/quotations.
4. The bidder should ensure that the proposed RFID system is compatible with Koha-LMS. A certificate in this regard must be attached.
5. List of Directors/Partners/Proprietors/Members of the Firm to be attached.
6. Detail of other associated/sister concerns ((if any) of Directors/Partners/ Proprietor/ Members to be provided.
7. Turn over for the last three years to be mentioned. (Copy to be enclosed)
8. List of clients to whom the vendor has delivered the goods or provided the services in past, as mentioned in eligibility section.
9. All the pages/documents to be duly signed and stamped by the authorized signatory before submitting.
10. Warranty/Guarantee should be clearly mentioned. The Warranty must start from the date of successful commissioning.

**Technical Bid**

**Supply and Installation of RFID solution for the Library (RFID Gate, RFID Tags, RFID Staff Station)**

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| --- |
| **Specifications** **of** **Radio** **Frequency** **Identification** **(RFID) Solution** **to** **be** **integrated** **with** **Koha** **/** **Any** **other** **Library** **Management** **System** |

| **Sr.** **No.** | **Specifications** | **Make and model** | **Compliance**  **(Yes/No)** |
| --- | --- | --- | --- |
| **1.** | **RFID** **Tags (5000 Nos.)** |  |  |
| Compliant with ISO standards 18000-3, 15693, 28560  Self-adhesive RFID tag |  |
|  |
| Self-adhesive **sticker** and should be in the proper format (custom print with a barcode or library or institute logo/name) to paste on Books & CDs/DVDs (optional) |  |  |
| Tag should come with following provisions   * Lockable section for book or item identification * Rewriteable only by library authorized user * Security function for anti-theft which can be activated and deactivated, and must provide security and inventory control functionality |  |
| Lifetime warranty with replacement of defective tags if found, during first time tagging |  |
| The tag should be HF compliant |  |
| The operating Frequency for tags should be 13.56 MHz (HF) |  |
| Capable to store at least 1024 bit |  |
| Tag dimension & thickness should be at least:   * 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%) |  |
| Operating range of temperature -5 °C to 70 °C |  |
|  |  |
| **2.** | **RFID** **Staff** **Station** |  |  |
| It should consist of RFID antenna, a RFID reader, a barcode reader |  |
| Compatible with Koha and other ILMS Software |  |
| Compatible with Library’s standard circulation desk computers |  |
| Staff station should have focused read area. It should only read item with tag that are placed on it. RFID read range should be 8 to 10 inches minimum for item with RFID tags |  |
| Capable to read and process RFID tags, smart cards or barcodes |  |
| Capable to read and process multiple RFID tagged items at a time for check-in/out |  |
| Station dimension (w x d x h) closer to 13.87” x 11.06” x 0.31” (±10%) |  |
| Power should be supplied from PC via USB cable |  |
| Compliant with ISO 15693, 18000-3/14443A/28560 |  |
| Operating frequency for station should be 13.56 MHz. (HF) |  |
| Operating range of temperature: -5°C to 55 °C |  |
| Station hardware décor must be attractive and contemporary. The vendor may be asked to set up a station under existing library granite, wooden or laminates etc. Easy to use interface and ergonomically save the space. |  |
| Visual indication, if the system is down |  |
| The staff station should be directly integrated with the library ILMS (KOHA or any other ILMS) via SIP2 protocol or by using OEM software. |  |
| RFID Staff station’s client software should be able to support the following features and is to be able to integrated with Koha LMS / any other LMS: |  |  |
| * Tagging/Retagging after proper validation of the title/barcode/member records in current LMS |  |
| * + Tag monitoring by accessing item records from current LMS |  |
| * + Checkout / Check-in/ Renewal through SIP2/NCIP protocol |  |
| * + Provision to display a member’s photograph along with member details while doing transactions |  |
| * + Provision for display of reservation done by member along with sequence and date |  |
| * + Provision for enquiry of checkouts against a member and its due date |  |
| * + Provision for details of fine against a member along with fine receiving functionality |  |
| * + Provision to print an acknowledgement slip containing the details of a transaction, such slip should be customizable with Library name, logo etc. |  |
| * + Provision to get notification while check-in a reserved title |  |
| **3.** | **RFID Gates** |  |  |
| Gate décor must be attractive and contemporary. |  |
| Include three theft detection pedestals (2 Panels + 1 Pedestal), which are independent of each other and also have overlapping protection zones providing adding additional security with wheelchair accessibility. |  |
| A suitable number of I/O ports (RS232/RS422/RS485/Ethernet) for connecting the Standard Electronic Counter, WebCam, Gate buzzer and other necessary components which are required to functionally run the system. |  |
| Gate should be enabled with inbuilt lights and buzzer notification. |  |
| Gate application software should be able to generate reports such as visitors count (bi-directional), transaction count with timestamp etc. |  |
| Capability to read up to 8 or more tags per second in all orientations. |  |
| Operating Frequency:13.56 MHz (HF) |  |
| Compliant with ISO 15693, 18000-3-A, 28560 |  |
| Operating range of temperature: 0°C to 55 °C |  |
| Read range – up to 1.5 m with pair of gates |  |
| Height of the gate should be at least 6 feet. |  |
| Gate should support EAS, AFI. |  |
|  |  |  |

**Scope of Work**

* All RFID equipment should be from one manufacturer only having ISO certification.
* The vendor should provide local technical service support in preferably in Jaipur or nearby.
* The bidder should agree to local customization and personalization (if any) of the proposed

system during the implementation stage and also during the warranty period in order to ensure

smooth functioning and create a user-friendly environment.

* The entire work to be handled as a single turn-key project and the total cost of the project will

be calculated as a whole project and also for the total quantity required. The price quoted

should include the delivery, installation, training charges, warrantee (if any) etc.

* Qualified bidder may be called for price negotiation.

**Commercial Bid:** *(in separate sealed envelope)*

Financial Bid

**Supply and installation of RFID solution in the Library (RFID Gate, Tags, Workstation etc.)**

| **S.No.** | **Item Name** | **Qty.** | **UOM** | **RATE** | **Amount** |
| --- | --- | --- | --- | --- | --- |
| 1. | **RFID** **Tags** | **5000** | **Nos.** |  |  |
| 2. | **RFID** **Staff** **Station** | **1** | **Nos.** |  |  |
| 3. | **RFID Gates** | **1** | **Nos.** |  |  |
| 4. | **Installation and training** |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  | **Total** | | |  |
|  |  | **Tax** | | |  |
|  |  | **Ground Total** | | |  |

1. Taxes like GST shall be clearly mentioned. If nothing is mentioned, these charges shall be deemed included.
2. The prices should be including all (Packing, forwarding, Transit Insurance, Transportation Loading/unloading, Installation etc.)
3. Bid should be submitted for F.O.R delivery at the destination i.e. The LNM Institute of Information Technology, Gram – Rupa Ki Nangal, Post – Sumel, Via – Jamdoli, Jaipur- 302031
4. Bid should be valid for a minimum period of 30 days.
5. The LNMIIT reserves the right to reject any quotation(s) without assigning any reasons.
6. Payment terms shall be decided mutually.
7. There should not be any conflict of interest (Declaration to be submitted by the Vendor).
8. Bid should be on the company’s letterhead and should submit their bid in the LNMIIT format only
9. Item/Service not supplied by the supplier/service provided should be mentioned separately.
10. Vendor should provide the photocopy of the cheque/cancelled cheque while presenting the Invoice to LNMIIT.

*All charges applicable shall be clearly mentioned with the offer. If nothing is mentioned in the offer, the quoted price shall be treated as final and nothing extra shall be paid extra.*

**Signature with seal (Company/Firm)**