



राष्ट्रीय डिज़ाइन संस्थान

National Institute of Design

मध्यप्रदेश Madhya Pradesh

## Notice Inviting E-Tender

**For appointment of Contractor for providing turnkey solution towards supply and deployment of hybrid (RFID + EM) based hardware systems including the system integration, KOHA software systems with mobile app, other hardware system and peripherals along with maintenance agreements**

at

**National Institute of Design, Madhya Pradesh**

Tender Enquiry No. NIDMP/ 1-30/ 01/ RF/ 2020

**National Institute of Design, Madhya Pradesh**

(An Institute of National Importance under the DPIIT, Ministry of Commerce & Industry,  
Government of India)

Acharpura, Eint Khedi, Post Arwaliya, Bhopal (MP) – 462038

Website: [www.nidmp.ac.in](http://www.nidmp.ac.in)

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## Section – I: INVITATION FOR BIDS

1. E-tenders are invited for appointment of Contractor for providing turnkey solution towards supply and deployment of hybrid (RFID + EM) based hardware systems including the system integration, KOHA software systems with mobile app, other hardware system and peripherals along with maintenance agreements.

### Schedule of Tender

<b>Tender enquiry Number</b>	NIDMP/ 1-30/ 01/ RF/ 2020	
<b>Date/ time of release of tender through e-procurement solution</b>	16.10.2020	5.00 PM
<b>Last Date/ time of submission of queries/ observations, if any for clarification through e-mail to cao@nidmp.ac.in</b>	23.10.2020	10.00 AM
<b>Date/ time of pre-bid meeting at National Institute of Design, Madhya Pradesh, Acharpura, Eint Khedi, Post Arwaliya, Bhopal (MP) – 462038</b>	23.10.2020	3.00 PM
<b>Start date/ time of submission of online bid</b>	16.10.2020	5.00 PM
<b>Last date/ time of downloading bid document</b>	05.11.2020	4.00 PM
<b>Last date/ time of submission of online bid</b>	05.11.2020	4.00 PM
<b>Date/ time of opening of Technical bid</b>	06.11.2020	4.30 PM
<b>Date/ time of opening of Financial bid</b>	Will be notified later	
<b>Bid Security/ EMD</b>	Rs. 1,00,000/- In a form of Demand Draft issued in favor of <b>National Institute of Design</b> payable at Bhopal which will be refundable to unsuccessful Bidder within 180 day from the date of opening of the Prequalification bid.	
<b>Validity period of Bid Security / EMD</b>	180 Days	

	contract to the successful Bidder, from the date for submission of the bids
<b>Address for Communication</b>	National Institute of Design, Madhya Pradesh Acharpura, Eint Khedi, Post Arwaliya, Bhopal (MP) – 462038

2. Detailed Technical Specifications, Terms and Conditions, Scope of Work, various format and Performa for submitting the proposal are described in this tender document and its Annexures. All further notifications/ amendments, if any shall be posted on [www.eprocure.gov.in](http://www.eprocure.gov.in) only. No separate communication shall be made with individual Bidders.

3. If the date of submitting/opening of the Bid is declared as holiday, then the bids shall be opened on next working day. For any query, please contact on email [cao@nidmp.ac.in](mailto:cao@nidmp.ac.in) or Phone No. 0755-6721007.

  
Registrar

## **Section –II: INTRODUCTION & SCOPE OF WORK**

1. In its endeavor to automate the entire functionality of the working of the Library, National Institute of Design, Madhya Pradesh intends to automate its Library located in its campus at Acharpura, Eint Khedi, Post Arwaliya, Bhopal (MP) – 462038.
2. Institute has taken the initiative for computerization and automation to address the aforesaid and other macro and micro level issues, so as to create a world class automated system for rendering exemplary services on a 24\*7\*365 basis anywhere, through optimal use of web-based technologies.
3. The computerization is intended to:
  - (i) Provide a robust, efficient and user-friendly system for student/staff service.
  - (ii) Promote tighter monitoring and control of all the process at the Library.
  - (iii) Evolve into a self-service portal for all stakeholders to obtain information promptly and serve as an effective management tool for Institute Library officials.
4. Some Major Objectives:
  - (i) Provide web-based access to students, Library Officers and intermediaries with user friendly and integrated services relating to book issue and return.
  - (ii) Administer a system of record keeping, which is secure, easily retrievable, tamperproof, thereby achieving superiority in process.
  - (iii) Implement an efficient system of book transactions.
  - (iv) Maintain all data in integrated electronic form, so that it is accessible to all stakeholders anytime, anywhere.
  - (v) Implement systems and processes for secure maintenance and updating of data.
  - (vi) Establish a sustainable operating model for the system using Radio Frequency Identification & Electromagnetic Systems.
5. This project requires the Contractors to provide services speedily and with certainty to the Institute.
6. The successful Bidders (Contractor) will be responsible for:
  - (i) Initial site survey for installation and deployment.
  - (ii) Supply of Hardware and Software systems in accordance with the specifications laid in this document. The Contractor shall be responsible to supply, install, test, integrate and commission, operate & maintain all the hardware, allied accessories and software required for

the project for the entire project duration and as per the minimum Bill of Quantities/ technical specifications described in this bid document.

(iii) Close coordination with Library Officials for smooth deployment and installation of the system.

(iv) Documentation of the new systems.

(v) Trainings of the Library and IT staff in installation and troubleshooting of the deployed solution.

(vi) Administration and maintenance of the Application Software, Web Portal, Database, etc.

(vii) Supply of additional items, software at the same cost till the warranty and AMC period is over.

(viii) Project Management and Operational Manpower for Implementing and running the System. The Contractor shall provide minimum two (2) manpower for three months from the date of deployment. The Contractor, if required, with prior permission from the tendering authority, may deploy additional manpower for smoother functioning of the project and at no extra cost.

(ix) Contractor shall ensure that product being supplied is supported by the OEM during the entire contract period and the OEM has not declared End of Life of the particular product at the time of supply.

7. The Bidder is required to fill compliance against the specifications on pages where the products have been described in detail and upload the same along with the Technical Bid.

### Section –III: BILL OF QUANTITIES

Sl.	Equipment (Initial requirement at the time of installation and commissioning)	Quantity
1	Book Labels – RFID	5,000
2	Multi-Layered Optically Watermarked Sticking Labels with Institute Logo	5,000
3	Book Labels – EM Tattle Tape	5,000
4	Job Work - Data Entry Minimum 20 Book Fields	5,000
5	Job Work – Tagging of RFID, EM and Labels & Programming of Tags	3500
6	Hybrid Staff Station for Personalization & Circulation of books and cards	1
7	Printed Smart Cards	200
8	Electromagnetic Detection Gate System Dual	1
9	Hybrid Self Check In-Check Out System	1
10	Library Usage Monitoring System	1
11	Book Drop System (conveyor based) with hydraulic BIN	1
12	OPAC Kiosk	1
13	All interrelated Software's & integration systems	1
14	Full customization of KOHA LMS with mobile app	1
15	Trainings, Deployment and any other related hardware/software/service	1

**Note:** The quantity mentioned above may vary for certain items at the time of implementation, as per the requirement of the department. The decision of competent authority in this behalf will be final. For any increase or decrease of items, unit rate shall determine the actual payable amount. The quantity mentioned above for the respective phases or in totality may vary as per the requirement and payment will be made as per actual.

## SECTION –IV: TECHNICAL SPECIFICATIONS

<b>Book Label RFID Tag</b>			
No	Item	Description	Compliance (Yes/No)
1	Dimensions	RFID Tag size 50 x 80 mm or 50 x 80 or comparable	
2	Thickness	350um Max	
3	Memory	Not less than 2048 bits	
4	Data Processing Rate	26Kbps Minimum	
5	Frequency	13.56 MHz	
6	Standard	ISO 15693 and 18000-3; ICODE SLIX2	
7	Type	Read/Write Lockable with unlimited Number of read/write cycles and must be re-writable	
8	Distance for Tag detection	36" Minimum	
9	Operation Mode	Passive	
10	Functionality	Both Security & Inventory Control	
11	Adhesive	The proposed system tags is adhesive-backed and one piece (tag and label integrated into one piece) to adhere to file materials without addition of an adhesive cover label. The proposed system tag uses a low acid, or neutral pH, adhesive.	
12	Operating Temperature Range	-40°C to +85°C approximately	
13	Other Features	<p>a. A single tag for Identification, automation and Anti-theft must be read even if not visible and must be read inside the book; temper proof and has guarantee for the life of the item on which it is originally affixed.</p> <p>b. The proposed system tags enable the AFI security status to be stored directly on the tag and trigger an immediate alarm if an item not charged is read by the detection system.</p> <p>c. The proposed system tag is guaranteed for the life of the item on which it is originally affixed. Lifetime guarantee assures about the quality of the product offered and future replacement of the RFID tags which are found un-operational, without any extra cost.</p> <p>d. The tag supplied should have a branding of the OEM on the chip side</p>	



		e. The RFID tag and Book Label (EM Tag) should be from the same OEM	
14	Antenna Type	Aluminum	
15	Samples	Tag samples to be provided with the technical bid	
<b>Multi-Layered Optically Watermarked Sticking Labels with Institute Logo</b>			
No	Item	Description	Compliance (YES/NO)
1	Dimensions	Minimum half inch larger than RFID tag	
2	Thickness	350um Max	
3	Paper	UDV Paper	
4	Printing	Color Printed 4 + 0	
5	Finishing	Die Cutting in roll form only and not in sheets	
6	Logo	Color Printed Logo	
7	Adhesive	Strong, Non Removing Adhesive	
8	Other feature	Optical Watermark with Library Branding	
9	Samples	Label samples to be provided with the technical bid	

<b>Book Labels – EM Tattle Tape</b>		
No	Description	Compliance (Yes/No)
1	The Size of the Security Strip should be minimum 160 mm X 3 mm for hardbound books, softbound books and periodicals;	
2	Strips must be guaranteed to perform for life time of the object in which they are placed.	
3	Strips once applied on material should be hidden in nature.	
4	The security strips shall be one-piece, flexible, thin, non-rusting metallic alloy coated with an adhesive film. The film shall not discolor or lose its adhesive or cohesive strength with age. The strips shall require no moisture, heat or additional glue, or adhesive for affixing to Library materials.	
5	The strips shall be virtually unaffected by any shielding devices such as gum, cigarette wrappers, aluminum foils, human body, or by items held back-to-back or cover-to-cover, or concealed in briefcases or backpacks.	
6	Manufacturer shall warrant that the strips will be free of defects in materials & manufacture for the lifetime of the strip	
7	The RFID tag and Book Label (EM Tag) should be from the same OEM	
7	Contractor shall supply samples with the technical bid	

**Job Work - Data Entry Minimum 20 Book Fields**

No	Description	Compliance (Yes/No)
1	The details of the book need to be entered into the software system in MARC 21 format	
2	All the fields to be entered into the system, minimum 20 fields	
3	100% reconciliation with Accession Register	

**Job Work – Tagging of RFID, EM and Labels & Programming of Tags**

No	Description	Compliance (YES/NO)
1	All books need to be tagged	
2	Affix EM Tag	
3	Affix RFID Tag	
4	Affix Sticking Label	
5	Programming of the Tags	

**Staff Station for Personalization & Circulation of books and cards**

No	Description	Compliance (YES/NO)
1	For circulation and conversion operations at the staff desk. It physically should consist of a combined hybrid station unit from the manufacturing level. There should be no separate Reader & Antenna. Only data and power cables should be connected to the unit. Single unit should be able to process EM and RFID tags in one go.	
2	The RFID antenna shall be fully shielded, i.e. not read items placed under the table and on the side of the antenna pad	
3	The unit shall be fabricated in transparent Plexiglas with integrated LED's showing the operational status	
4	The staff station shall be able to program and verify multiple RFID tags placed on the antenna	
5	The staff station will enable the security status of the tag to be changed without interaction with the LMS	
6	The staff station connects to the PC via USB only	
7	Suitable software for integrating the RFID functions into the circulation workflow and for tagging Library items will be provided with the equipment	
8	Design: Easy to use space-saving, ergonomic design and interface and should include feedback indicators	
9	Software for Circulation of the items using SIP2 only without any	

	middleware	
10	Software for Circulation should not be through keyboard input or screen mapping into the LMS software. It should be an independent software which can be used for Circulation using Card Reader & biometric for patron Identification and RFID reader for Book Identification	
11	The software system provided should be able to provide the detailed MIS for the tagging. It should be able to generate the lists for the tagging of the items with the time stamp, Accession No & Tag Id	
12	For circulation processes the software should be able to provide an MIS for all the checked out and checked in items with patron details	
13	Energy Profile: 200-240 VAC, 2.0/1.0 A, Single phase	
14	Staff station should also support patron card reader for ISO 14443A cards with application for card programming and reprogramming. Standards & Protocols: ISO 14443 A/B with up to 848 kbps transmission rate (depending on card), ISO 15693 with up to 26 kbps transmission rate (depending on card), T=CL	
15	Staff station should have an STQC certified Biometric Scanner integrated with the application software.	
16	It should be possible to use the circulation software after doing the biometric based authentication as well. Biometric device to be supplied for the authentication along with the computer application and PC.	

<b>Printed Smart Cards</b>		
No	Description	Compliance (YES/NO)
1	Smart Cards with Original NXP Mifare 4K Chips to be supplied	
2	Pre-printed with the Institute Approved Design	
3	Programmed with Institute provided details (software application to be supplied)	
4	Memory of Cards: Minimum 4K	
5	Size of Cards: ISO ID Card Standard	
6	Identity ISO Standard: ISO 14443A/B	
7	Only original NXP Mifare 4K Chips to be provided. Genuineness of the NXP cards will be validated using the TagInfo app provided by NXP, downloaded from NXP website. Samples to be provided with the technical bid.	
8	Only first sector to be used for the Library setup. The remaining space will be used by the institution for future multiple applications. Contractor has to supply the software application for the printing and programming of the cards	
9	Contractor should supply complete printed cards along with	

printed lanyards and holders.	
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<b>Electromagnetic Detection Gate System Dual</b>		
No	Description	Compliance (YES/NO)
1	Detect genuine Tattle-Tape™ products in any orientation	
2	External devices, such as CCTV and/or barriers can be connected	
3	The system incorporates visual and audible alarms	
4	The alarm system has flexible light in 7 different colours: Red, cyan, magenta, blue, green, yellow, white	
5	The visual alarm can be configured to flash corridor specific or give a full system alert	
6	The audible alert has a variable alarm pattern and adjustable volume	
7	The system detects direction specific and can be configured for incoming, outgoing and Bi-directional	
8	The gates shall incorporate a people counter based on double sensor technology	
9	The system should have an integrated LED display for alert information and counts	
10	The integrated LED display should show incoming, outgoing and Bi-directional people counting information	
11	The system should incorporate an energy saving function that can remain in a low energy state until the people counter detects movement	
12	The gates shall provide full detection from 0 to 100cm between the panels	
13	It shall obtain optimal detection performance at a pedestal distance of 100cm	
14	The system should be provided with 'False positive filtering', reducing false alarms caused by foreign objects	
15	The system shall be built on a master – slave principle with up to 6 pedestals (5 gates) in one single system for future upgrades.	
16	The system shall provide multiple gate installation up to 5 gates	
17	Only one electronics chassis should support a minimum of three antennas (2 gates).	
18	The people counter display should be located on the electronic chassis so figures can be easily seen	
19	The antenna's mounting points must be easy to install	
20	The antenna's shall have the following dimensions H 1786 x W 597cm for optimal detection	
21	The system shall provide an optional Baseplate for easy install available for single or dual gate installations	
22	The antennas shall have side panel designed for applying customizable vinyl graphics for promotion activities. The institute will provide the content which is to be printed on these panels. Printing & application in the Contractor's scope.	

23	The system should be connected through TCP/IP and the people count should be available directly through TCP/IP	
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<b>Hybrid Self Check In Check Out System</b>		
No	Description	Compliance (YES/NO)
1	The kiosk shall be free standing	
2	The housing shall be made of metal only (no wooden enclosures)	
3	The housing covers computer hardware, wiring and power supply and can be locked. No wires or peripherals should be accessible from outside	
4	The system shall have minimum 2 external USB connectors for service & maintenance	
5	The system shall have a 22" portrait positioned touch screen	
6	The system shall have LED Light-based indicators to guide the patron through the process	
7	The system shall have an easy accessible integrated printer in a metal / wood housing that can be locked	
8	The system should support barcode/ QR Code identification from mobile phone screens	
9	The system shall have a thermal printer that can print paper rolls with a maximum width of 80mm	
10	The system shall be able to check in and out Library items based on RFID and barcode	
11	The system shall have a V shape coil to support check-in and check-out using the combination RFID or barcode and EM strips	
12	The system shall have V shape coil supports a maximum item size of 275mm	
13	The system shall be able to detect multiple EM items and secure single item processing	
14	All user elements should be placed within DDA/ ADA range (for wheel chair drivers)	
15	The system shall Identify users with Barcode, RFID, Mifare, biometrics & facial	
16	The system should have an optional payment module for cash (coins & notes) and chip & pin cards which can be connected for future use.	
17	The kiosk shall have a side shelf (on the right side) for placing bags, belongings or books while using the system	
18	The system shall be audio enabled to have the possibility for extended communication with the patron	
19	The kiosk shall have a graphic wrap. Content for the graphic wrap will be provided by the Library, however its printing and application will be in Contractors scope.	
20	The software shall enable checking Library items in and out based on a SIP2 connection to the Library management system	

21	The software shall enable patrons to check their account (items borrowed and expiration per item, fees and fines) and to prolong (if the Library choose to allow for it)	
22	When processing Library items (checking in-or out) the status of each item shall be displayed ((incl. the setting of the security bit and type of item (i.e. books, CD, DVD's, Blu-ray and games)	
23	The software shall allow to integrate payment functionality of cash (coins & notes) and chip & pin cards.	
24	The software shall allow the Library to choose between several standard themes designs, also children's themes.	
25	The software shall allow the Library to optional chose a customised theme	
26	The screen can display more than 10 languages that patrons can chose from for communication	
27	The software allows the patron to switch language whenever he/she wants to – also in the middle of a check-in / check-out session	
28	The software enables a patron to complete all functions (check in, check out, check account, payments) under one login, making the transaction process easy and smooth.	
29	The software shall have a possibility to display/promote Library activities	
30	The software can be configured to continue working in offline mode, when the connection to the LMS has failed. The software shall continue to let patrons borrow and return items to provide a continuous service; then once the connection to the LMS has been restored, all offline transactions shall be automatically uploaded to the LMS ensuring that all transaction history has been updated. If transactions fail to upload correctly then the staff will be alerted automatically	
31	The software shall provide relevant book recommendations to the users during the check-out process to improve circulation and improve Library experience	
32	The software provides the opportunity to print a receipt with selected book recommendations	
33	The software can recommend books from the physical and digital book collection	
34	The software allows patrons to borrow digital books from self-service units	
35	The software contains a communication link to an intranet based monitoring system and will cope with the requirements defined for that system.	
36	The software contains a tool to customize and run detailed reports from one location	
37	The system should have an inbuilt UPS backup to support the kiosk for minimum 4 hours in case of power failure. The UPS should be inside the kiosk and should not be external	
38	The system should support patron identification through biometrics. Necessary hardware & software for patron identification through	

	biometrics has to be provided with the system without additional charges to the Library. The system should support minimum 10,000 biometric identities.	
39	The system should support patron identification through facial recognition. Necessary hardware & software for patron identification through facial recognition has to be provided with the system without additional charges to the Library. The system should support minimum 10,000 facial identities.	
<b>Library Usage Monitoring System</b>		
No	Description	Compliance (YES/NO)
1	This system shall be in a Metallic Kiosk of minimum 1.6mm thickness form which should be able to capture all the inward and outward traffic in the Library	
2	Patron Identification should be possible using Mifare and Biometric and Barcode and facial	
3	System height should be around 5 ft	
4	System should have a touch screen interface with minimum 22" screen.	
5	System should have inbuilt 2D Barcode Scanner, Biometric Scanner, facial recognition camera and Smart Card Reader	
6	System should be able to hold minimum user data of 20,000 patrons	
7	System should be able to hold minimum transaction data of 1 million records	
8	Smart Card Interface should have Standards & Protocols: ISO 14443 A/B with up to 848 kbps transmission rate (depending on card), ISO 15693 with up to 26 kbps transmission rate (depending on card), T=CL	
9	Biometric Scanner should have active platen areas of 0.96 x 0.64 in., 480 x 320 pixels	
10	Biometric Scanner should be certified by STQC and with minimum FAP20	
11	Biometric Scanner should have a minimum resolution of 500dpi	
12	Barcode Scanner should have a Scan Pattern Area Image 640 x 480 pixel array	
13	The system shall have minimum 2 USB connectors for service & maintenance	
14	The system shall have an easy accessible metal housing that can be locked	
15	The system supports barcode identification from mobile phone screens	
16	The system shall be able to check in and out patrons based on Mifare Cards, Biometrics, Barcode based ID Cards & facial recognition.	
17	The system shall be audio enabled to have the possibility for extended communication with the patron	
18	The system software shall enable patrons to check in and checkout of the Library using Mifare or Biometric or Barcodes or facial or combination of any of these	
19	The system should have an easy to use user interface with an option to select Hindi or any other local Language	

20	The MIS software should be able to display the Library Usage statistics for usage by different Users, Branches & Departments	
21	System should create alerts through email & sms in case a particular patron is inside the Library above a certain threshold time.	
22	System should create alerts through email & sms in case number of patrons inside the Library increases beyond a certain threshold.	
23	The system should provide details of all the patrons which are inside the Library currently.	
24	The system should be able to generate alerts to all the patrons in case there is an untoward event in the Library and Library needs to be evacuated.	
25	The system should be in a single kiosk and peripherals should all be inside the kiosk. Only LAN cable and power cable should be output from the system	
26	It should be possible to customize the user interface so that Patrons can select the reason for which they are visiting the Library, like Fine Payment, Circulation, Renewal, etc. Minimum 10 such fields can be selected.	
27	It should be possible to manually checkout patrons in case of any exceptions	
28	The software shall have a possibility to display/promote Library activities with an inbuilt Digital Signage System whenever the system is in idle mode	
29	It should be possible to create a playlist of the various items to be displayed on the screen remotely through centralized software.	
30	It should be possible to display automated content on the system through automated cloud based contents like "Thought of the day", "This day in History", "Latest News", "Word of the Day" etc	
31	It should be possible to display ppt, audio, video, text etc on the display screen in idle mode through Digital Signage	
32	The system should have an inbuilt UPS backup to support the kiosk for minimum 4 hours in case of power failure. The UPS should be inside the kiosk and should not be external	
33	The system should support patron identification through facial recognition. Necessary hardware & software for patron identification through facial recognition has to be provided with the system without additional charges to the Library.	

**Book Drop System (conveyor based) with hydraulic BIN**

No	Description	Compliance (YES/NO)
1	The drop box should be aesthetically designed and must comply with internationally recognized standards for RFID based self-return system. It should have mechanism to disable both EM and RFID tags. It should be made of Metal (No wooden component allowed). Drop box should be conveyor based and not slide based.	



2	Drop box must be integrated with ILM software through SIP2/NCIP protocol	
3	Drop must able to connect to the Library's Ethernet network via an RJ45 connector and/or secured wireless network	
4	RFID Drop box should come with double/dual security system; first door should open after showing /validating the right book reading the RFID tag on the book or right Library users by reading the RFID smart Card and/or Pin Number and/or biometric reading; once the validation is done and first door/shaft / is opened user should be able to place the book/s (1 or multiple of books); after a few second the first door should close and once the item in the Library is confirmed, second door/shaft is opened and book is dragged inside on conveyer belt to single/multiple bin. It should prevent the users from removing the checked out books from the drop box.	
5	Once the transaction is complete system should be able to generate a slip confirming the transaction.	
6	Client software for checking-in facility and communicating with KOHA software / ILM Software with provision for E-mail/SMS confirmation	
7	If there is fine on the book, suggested notification should be alerted to users and instruct the user to pay the fine in the Library within the Library. Library should be able to customize the information on the slip as per Library's requirements.	
8	Drop box should be upgradable in future to support multiple bins.	
9	Drop box should be able to accept all types of Library's RFID tagged items including but not limited to books, journals, bound volume, CDs, DVDs, etc.	
10	If the item does not belong to the Library, Drop box should not accept the item. But if the item is placed along with the valid Library item, drop box should accept all items	
11	Drop box should be with in-built RFID Card, Biometric Reader, Virtual Keyboard, Number Keypad, facial identification for validation of the user details as per Library's current or future requirements	
12	Drop box comes with inbuilt slip generator with standard slips. Library should be able to procure the printer cartridge and paper from any other third party Contractor. Bidder will share the details of the cartridge, paper, etc and make sure both are supported with open and international standard.	
13	Drop box should easily integrate with web-based application for remote as well as within campus monitoring of the performance of the system, alert for paper out or cartridge failure, or any kind of system failure, alerts, etc.	
14	Drop box should be inbuilt with industrial PC and minimum 22 inches Touch Screen for smooth operation. Bidder shall submit the relevant documents, certificate, brochure / etc for the same.	
15	The drop box software should be customizable as per client's requirements both at the interface level and functional/feature level.	

16	The drop box should have book bin with collection of books minimum of 150 items.	
17	Return bin of the drop box should have proper system to minimize the book damage. It should have a hydraulic mechanism to ensure that the panel drops down as the weight of the books increases.	
18	The system must automatically switch into store mode the check-in data when the system goes offline due to ILM software being in backup mode or the network being down etc.	
19	If the multiple items are processed, progress should be clearly reported to the users on screen.	
20	The system should have an inbuilt UPS backup to support the kiosk for minimum 4 hours in case of power failure. The UPS should be inside the kiosk and should not be external	

<b>OPAC Kiosk</b>		
No	Description	Compliance (YES/NO)
1	The OPAC Kiosk shall be in a Metallic Kiosk of 1.6mm thickness form which should be in compliant to the Library décor	
2	System should have a touch screen interface with vandal proof 19" screen	
3	System height should be around 5 ft	
4	The system shall have minimum 2 USB connectors for service & maintenance	
5	The system shall have an easy accessible metal housing that can be locked	
6	The system should be in a single kiosk and peripherals should all be inside the kiosk. Only LAN cable and power cable should be output from the system	
7	The system should support a metallic keyboard & trackball for data entry.	
8	The system should provide a feature so that connectivity with the LMS is checked and if it is not there then a message is prompted on the screen	
9	The software shall have a feature to display/promote Library activities with an inbuilt Digital Signage System whenever the system is in idle mode	
10	It should be possible to create a playlist of the various items to be displayed on the screen remotely through centralized software.	
11	It should be possible to display automated content on the system through automated cloud based contents like "Thought of the day", "This day in History", "Latest News", "Word of the Day" etc	
12	It should be possible to display ppt, audio, video, text etc on the display screen in idle mode through Digital Signage	
13	The system should have a provision for future upgrades so as to accept Library fines through Digital payment gateways.	
14	The system should support latest windows machine specifications for	

	smooth functioning.	
15	The system should be able to display OPAC from LMS software directly.	
16	The digital signage features should get auto enabled (without any click or external / manual punching) after a configurable timeline. e.g When the system is in OPAC mode, after a particular time of being idle (e.g 5 mins); automatically digital signage system should get activated. Also whenever someone touches the screen or clicks a key, the digital signage feature should get disabled and OPAC mode should get enabled.	
17	The OPAC system should also enable users to login to their KOHA account and pay fine directly from there using all the digital payment methods applicable.	

<b>All interrelated Software's &amp; Integrations</b>	
Description	Compliance (YES/NO)
Any software or integration which might be needed for smooth functioning of the system. The Contractor has to ensure all integrations without any middleware. The institution may ask for integrations with the related hardware items anytime.	

<b>Koha Software with Online Software Catalogue</b>		
No.	Description	Compliance (YES/NO)
1	Latest Version of Koha Software installed on a latest branded Linux Server with minimum 16GB RAM, 5 TB Hard disk. 100,000 sms pack included for alerts and reminders.	
2	OPAC hosted on internet website, hosting to be provided for first 2 years free of cost.	
3	Customized dynamic website for Library with customized mobile app for android and iOS	
4	The mobile app should have OPAC, membership details, account of the member, list of previously issued books, fines, payment of fines among other features.	
5	The following list of features is meant to be used as a brief overview but is in no way comprehensive: <b>1. OPAC/Public Catalog</b> (i) Fully responsive theme should adjust properly on all devices (ii) Keyword and advanced searching (iii) Search filtering by location, item type, subjects etc (iv) Cover images from over 5 popular services (v) Enhanced OPAC content from external products such as Open	

	<p>Library, Syndetics, Baker &amp; Taylor, Library Thing, Novelist Select and iDreamBooks</p> <ul style="list-style-type: none"> <li>(vi) Tagging, commenting and star ratings</li> <li>(vii) Availability and online resource links shown on search results</li> <li>(viii) Virtual shelf browser</li> <li>(ix) Social network share buttons</li> <li>(x) Permanent URLs throughout</li> <li>(xi) Overdrive API Integration</li> <li>(xii) Personalized patron experience:</li> <li>(xiii) Ability to place, suspend and cancel holds</li> <li>(xiv) List of current and past checkouts</li> <li>(xv) Account history (fines and payments)</li> <li>(xvi) Private lists</li> <li>(xvii) Ability to register for a Library card online</li> <li>(xviii) Access to account information</li> <li>(xix) Subscribe/Unsubscribe to/from Library notices via email, SMS and/or phone</li> <li>(xx) Make purchase suggestions</li> </ul> <p><b>2. Circulation</b></p> <ul style="list-style-type: none"> <li>(i) Check in and out with a barcode scanner or manually</li> <li>(ii) Enter calendar of closings for calculating fines and due dates</li> <li>(iii) Book drop mode to backdate check ins</li> <li>(iv) Ability to forgive fines on check in</li> <li>(v) Holds pull list generated on your schedule</li> <li>(vi) Course reserves</li> <li>(vii) Offline circulation for Windows and/or Firefox</li> <li>(viii) Place, suspend and cancel holds for patrons</li> <li>(ix) Transfer materials between branches</li> <li>(x) Set circulation, fine and holds rules for each branch</li> <li>(xi) Perform collection inventory</li> <li>(xii) POS connectivity</li> <li>(xiii) Communication with collection management companies</li> <li>(xiv) Web-based self-check out module</li> <li>(xv) Checkout by keyword, title, call number, etc</li> </ul> <p><b>3. Patrons</b></p> <ul style="list-style-type: none"> <li>(i) Upload patrons in bulk</li> <li>(ii) Upload patron images individually or in bulk</li> </ul>	
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- (iii) Create patron cards
- (iv) Batch modify patrons
- (v) Run reports on circulation custom to your Library
- (vi) Search patrons by phone, email address, name and more
- (vii) Browse patrons by name
- (viii) Connect children to guardians and see an entire family's current checkouts on one screen
- (ix) Set rules to prevent check out of inappropriate materials to children
- (x) Add custom searchable fields to patron records

#### **4. Cataloging**

- (i) Add bibliographic and authority records by batch uploading
- (ii) Add bibliographic and authority records by copy cataloging with a built in Z39.50 search engine
- (iii) Add bibliographic and authority records using the OCLC Connexion client
- (iv) Add bibliographic and authority records using original cataloging
- (v) Add and modify items individually or in a batch
- (vi) Add and link to authority records
- (vii) Duplicate bibliographic records for sudo-original cataloging
- (viii) Catalog following AACR2 or RDA rules
- (ix) Create custom cataloging templates with pre-set values for efficient cataloging
- (x) Built in links to Library of Congress cataloging help
- (xi) Create spine and barcode labels
- (xii) Batch modify and delete item records
- (xiii) Create public lists of records at the Library
- (xiv) Technical processing and database development
- (xv) Standards supported
- (xvi) Import of MARC-21 records
- (xvii) Editing records using the: MARC-21 template
- (xviii) Editing Authority Files
- (xix) Advance Searching the Catalogue

#### **5. Reports**

- (i) Complete access to all data stored in Koha; write any report you want
- (ii) Custom reports shared publicly on the Koha wiki
- (iii) Easily run any saved report at any time
- (iv) Group reports by branch, category or any custom criteria
- (v) Enter filters on reports to run them on for specific item types,

	<p>branches, patron categories, time frames and so much more</p> <p>(vi) Search reports for easy access</p> <p><b>6. Acquisitions</b></p> <p>(i) Enter budgets and funds</p> <p>(ii) Duplicate budgets and funds for the following year</p> <p>(iii) Keep track of all Contractor information</p> <p>(iv) Order from Contractor files</p> <p>(v) Order using EDI</p> <p>(vi) Order multiple copies</p> <p>(vii) Order copies of existing records</p> <p>(viii) Order by searching Z39.50 targets</p> <p>(ix) Track order status</p> <p>(x) Generate late reports and claim letters</p> <p>(xi) Track budget encumbrances and expenditures</p> <p>(xii) Create 'on order' items to allow patrons to place holds</p> <p>(xiii) Accept purchase suggestions and keep patrons notified as the item moves through the Acquisitions process</p> <p>(xiv) Importing and overlaying of pre-processing records</p> <p><b>7. Serials</b></p> <p>(i) Create subscriptions with full prediction patterns</p> <p>(ii) Receive issues one at time or in bulk</p> <p>(iii) Barcode serials on receipt if desired</p> <p>(iv) Generate late issue reports and claim emails</p> <p>(v) See full serial history</p> <p>(vi) Print routing lists for each subscription</p> <p>(vii) Duplicate subscriptions for multiple branches</p> <p>(viii) Library defined numbering frequencies and patterns</p>	
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<b>Trainings, Deployment and any other related hardware/software/service</b>	
Description	Compliance (YES/NO)
System installation with 5 days training, deployment of all software and hardware systems	

## Section –V: GENERAL TERMS & CONDITIONS

1. E-tenders are invited to be uploaded on [www.eprocure.gov.in](http://www.eprocure.gov.in) in two parts: (i) Technical Bid and (ii) Financial Bid for providing turnkey solution towards supply and deployment of hybrid (RFID + EM) based hardware systems including the system integration, KOHA software systems with mobile app, other hardware system and peripherals along with maintenance agreements (the entire work hereinafter called **RFID Solution**) at the National Institute of Design, Madhya Pradesh, from eligible Bidders having experience of similar work and fulfilling other requirements as per eligibility criterion stipulated in the tender document. The Bidder shall be responsible to provide RFID Solution at Bhopal campus of NID MP.

2. Bidders are advised to study the tender document carefully before submitting the bid form. **It will be presumed that the Bidder has considered and accepted all the terms and conditions of this tender.** No enquiry, whatsoever verbal or written, shall be entertained in respect of acceptance/ rejection of the tender. Bids must be unconditional.

### 3. Eligibility Criterion:

(i) The Bidder must be an Original Equipment Manufacturer (OEM) of RFID hardware components or an Authorized Distributor of OEM of RFID hardware components or a System Integrator having experience in RFID Solutions. Company registration details in terms of PAN Card and OEM certificate to be provided with the BID.

(ii) The OEM must be an ISO 9000/9001/9002 certified company consistently. Proof of the same must be provided.

(iii) The Bidder must have minimum five years of experience supplying and servicing products in libraries of Central/State Government/ Central Autonomous Bodies/Central Educational Organization Including IITs/ IIMs/ NITs / CFTIs/ PSUs. Proof of the same must be provided.

(iv) The Bidder must have a turnover of at least Rs. 1 crores in business in India/Globally in each of the past 3 financial years (2017-18, 2018-19, 2019-20). Proof of the same must be provided.

(v) The Bidder must ensure that OEM's systems work on industry standard platforms and not any OEM specific hardware / software.

(vi) The complete solution proposed by the Bidder must include Supply, Installation and Commissioning of RFID components, development and operation of software components and RFID Consumables in an integrated manner. Integration should be possible directly through SIP2 without any middle ware components.

(vii) All products must comply with internationally recognized standards for RFID-based Library self-service systems.

(viii) All system components must be UL, CE, and FCC Part 15-Certified; SIP2, RS-232, TCP/IP Ethernet 10/100, 802.11b (wireless) compliant; and meet the EU RoHS and WEEE Directives.

(ix) The proposed system must provide application-specific software to incorporate all RFID Library related hardware (detection systems, staff station readers, cataloging stations, patron self-check stations, inventory, book issue and book return system), the circulation RFID tags and any other RFID-related hardware into the system. The Software system has to support all general features of the Library system for RFID automation even though they might not be part of the system right now. Such functionalities are required in the system so as to keep future upgrades possible.

(x) The proposed system must not interfere with other equipment that may be nearby. The proposed system must be able to connect through the Library's Ethernet network via an RJ-45 connector and/or secured wireless network.

(xi) The RFID system must be ISO 15693 18000-3 Mode 1 Compliant and must use Reader Talks First (RTF) Architecture.

(xii) All the RFID & EM components proposed in the system should be manufactured by a single OEM, to ensure seamless compatibility and single source for supply and support. Part bid/assembly of RFID & EM components from different OEMs by the Bidder is not acceptable.

(xiii) The Bidder should have valid Permanent Account Number (PAN), GST Registration Number and Registration No. of the Agency/ Firm/company.

(xiv) The Bidder (including any of the owners/ partners etc) should not be involved in any litigation, including any criminal proceedings that might compromise the delivery of services as required under this contract.

#### **Note**

- a) Experience prior to 1<sup>st</sup> October, 2015 and later than 30<sup>th</sup> September 2020 will not be considered as experience.
- b) "Similar work" means providing RFID Solution. The Bidder must produce work done certificate from the clients. The work done certificate should mention the details of work executed, the value of work done, the date of commencement and date of completion of the work.

4. **An affidavit, in original**, duly certified by a Notary: (a) that the Partners of the Firm or sole proprietor or Company as the case may be, has never been black-listed by any organization and the name of the Firm or company has not been changed, (b) that there is no police case/vigilance enquiry pending against the Partners of the Firm or sole proprietor or Company as the case may be, and that he/she/ it has never been punished by any Hon'ble Court; and (c) that there are 'no dues' pending for payment towards Income tax/GST as on the



date of the affidavit.

**5. Producing Originals Documents for Verification:** All above concerned original documents should be produced for verification at any stage of tender process or as and when sought for, failing which the bids are liable for disqualification.

**6. Bid Document**

(i) The process and procedures of bidding, the documents to be uploaded and the various terms and conditions of this tender are provided in the Bid Document. The Bid Documents include all documents which have been mentioned at the Index of this tender.

(ii) The Bidder should carefully read all the instructions, terms and conditions, specifications and various forms that are provided in the Bid Document. The tender may be rejected if any or all of the information asked for in this document are not furnished along with the tender or if the tender is not responsive with the Bid Document.

(iii) **General terms and conditions:** The Bidder should read the tender document carefully and give his/her/ its/ their acceptance.

**7. Submission of Tender**

Tender should be uploaded on e-procurement portal in two parts as detailed in succeeding paragraphs.

**Part-I.** Technical Bid should be uploaded along with Annexure I and Annexure II. Please note that identical hard copy of only Technical Bid along with all supporting documents and EMD (DD/ Pay order) in a sealed envelope must be submitted at NID MP's address mentioned in this document on or before last date of submission of tender. Original bids received after the date and time specified in this tender will not be accepted. **Physical copy of the Financial Bid is NOT required to be submitted.**

**Part-II.** Should contain only the Financial Bid as per BOQ to be uploaded in CPP portal.

(i) Both Technical and Financial Bid are to be uploaded concurrently duly digitally signed on the Government's Public Procurement Portal 'www.eprocure.gov.in'.

(ii) The online bids (complete in all respect) must be uploaded online in two documents; (Technical bid and Financial bid) on the prescribed format.

(iii) The Bidders shall have a valid digital signature certificate for participation in the online tender process. The cost of digital signatures, if any, will be borne by respective Bidders.

(iv) All other documents as per requirement of Technical Bid shall be uploaded online through portal website 'www.eprocure.gov.in'. The Bidder shall bear all costs associated with

the preparation of his/ her/ its tender document including cost of any clarifications, required by NID MP.

(v) When deemed necessary, NID MP may seek clarification on any aspect from the Bidders. However, that would not entitle the Bidder to change or cause any change in the price quoted. NID MP may, if so required, ask the Bidder to give presentation for the purpose of clarification on the tender. All expenses for this purpose as also for preparation of documents and other meetings will be borne by the Bidder.

(vi) NID MP will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether the documents have been properly signed, and whether the tenders are generally in order.

(vii) A tender determined as not substantially responsive will be rejected by NID MP and may not subsequently be made responsive by the Bidder by rectifying the non-conformity.

(viii) NID MP may waive off any minor infirmity or non-conformity in the tender which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of other Bidders. The decision of NID MP in this regard will however be final and binding.

(ix) Bidder shall not be permitted to withdraw his/ her/ its offer or modify the terms and conditions thereof after acceptance of tender. In case the Bidder fails to observe and comply with the stipulations made herein or backs out after quoting the rate, the aforesaid amount of Earnest Money and Security Deposit, will be forfeited by the Institute. Besides this, the Bidder will also liable to be debarred/ blacklisted from participating in the tendering process of NID MP in future or fined.

(x) Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the Bidders who resort to canvassing in any form or try to influence the process either directly or indirectly shall be liable for rejection by NID MP.

(xi) Tender containing any condition leading to unknown/ indefinite liability is liable to be summarily rejected.

(xii) Any modification/ corrigendum issued with regard to this tender document shall be uploaded on 'www.eprocure.gov.in' and Institute's website only. Bidders are, therefore, requested to visit these websites regularly till the last stipulated date of submission of the tender for ascertaining any modification/ corrigendum issued in this regard.

(xiii) The tender bid and copies of certificates uploaded by the Bidder in pdf form should be duly signed at the given places, together with initials on every page by the authorized person of the Bidder. Initial/ signature will indicate the acceptance of the tender document by the Bidder.

(xiv) No changes will be made in the tender document by the Bidders except filling-up details mentioned in the formats meant for Technical, its Annexures and Financial Bid, its Annexures. In case any change is made in the content of the formats, except filling-up details, it shall be

treated as unauthorized and such tender will stand automatically disqualified.

(xv) It is important that the Bidder points out clearly in its bid, any deviation in the software and hardware specification (if any). If any deviation is found later on and is not specified in the bid, it will result in complete rejection of the bids.

(xvi) The Bidder has to provide and be responsible for the complete solution and partial bids or conditional bids shall not be acceptable.

8. **Producing Originals Documents for Verification:** The Bidder may be asked to produce all concerned original documents for verification at any stage of tender process or as and when sought for, failing which the bids are liable for disqualification.

(i) The Bidder shall upload the information sought in the format enclosed at Annexure I, Annexure II, Annexure III and Annexure IV along with necessary enclosures as part of Technical bid of providing RFID Solution at NID MP campus.

(ii) The Annexures should be clearly filled or typed and signed in ink legibly giving full address of the Bidder. The Bidder should quote in figures as well as in words the amount tendered by him/ her/ it. Alteration if any, unless legibly attested by the Bidder with his/ her/ its full signature, shall invalidate the tender. The tender should be duly signed by the authorized persons. In case there is any difference in the amount between figures and words, the amount indicated in words will be treated as the valid offer.

9. **Amendment of Bid Documents:** At any time, prior to the last date of submission of Bids, NID MP may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bid documents by amendments.

#### 10. **Earnest Money Deposit (EMD)**

(i) EMD of Rs. 1,00,000/- (Rupees One lakh only) is a must and should be submitted along with physical copy of the tender. The EMD is to be furnished only in the form of DD/Banker's cheque/ Pay Order from any schedule bank drawn in favour of "**National Institute of Design**" payable at Bhopal. EMD in any other form will not be accepted as valid EMD. EMD submitted by other Bidders will be returned after finalization of the contract. Tenders received without valid EMD stand automatically rejected. The Earnest Money of the Contractor will be adjusted against Security Deposit, if the Bidder so wishes. Otherwise the EMD will be returned after receipt of Security Deposit.

(ii) Only Bidders with valid NSIC/ MSME registration for providing RFID Solution are exempted from payment of EMD. No other Firm can be exempted from payment of EMD.

11. **Security Deposit Deposit:** The Contractor will be required to submit a Security Deposit equivalent to 10% of the contract value by way of Demand Draft/ Fixed Deposit Receipt (FDR)/ Bank-Guarantee from a nationalized Bank in favour of "**National Institute of Design**",

payable at Bhopal which will be valid for 3 months beyond the contract period or extended period, whichever is later. Demand Draft/ Bank Guarantee/ FDR will be required to be furnished within two weeks from the date of award of contract, failing which the work award order is liable to be cancelled.

**12. The EMD Will Be Forfeited:**

- (i) If a Bidder withdraws its bid during the period of bid validity; or
- (ii) If the Bidder fails to accept NID MP's corrections of arithmetic errors in the Bidder's bid (if any); or
- (iii) If the Contractor fails to sign the contract agreement with NID MP; or
- (iv) If the Contractor fails to furnish the Security Deposit within the stipulated time.

**13. Bid Prices:** The Bidder shall **quote prices for all the items/ services** in the BOQ (price bid) through financial bid module of CPP portal, otherwise the bid will be rejected.

**14. Bid Validity:** The bids shall remain valid for a period of **90 days** from the last date of submission.

**15. Only One Bid Per Party:** Each Bidder is permitted to submit **ONLY ONE BID** irrespective of whether he/ she/ it is the sole Bidder, or the Leader or Member of a duly formed JV or Consortium. In case it is found that any party has uploaded more than one bid for the subject work(s) in any of the above capacities, all bids so uploaded shall be summarily rejected and NID MP shall not entertain any further request/ correspondence in this matter.

**16. Submission of Bids:** Both Technical and Financial Bid are to be submitted concurrently duly digitally signed on the Government's Public Procurement Portal 'www.eprocure.gov.in'. **Please note that identical hardcopy of only technical bid along with all supporting documents and EMD (DD/ Pay order) in a sealed envelope must be submitted at NID MP's address mentioned in this document on or before last date of submission of tender.** Original bids received after the date and time specified in this tender will not be accepted. **Physical copy of the Financial Bid is NOT required to be submitted.**

**17. Visit of the Campus:** Bidders are advised to visit the NID MP campus premises on any working day between 10:00 hrs and 17:00 hrs to assess the nature and quantum of work before uploading the tender.

18. Any loss/damage/theft to the Institute/ individual property in institute campus due to the negligence of Contractor would be recovered from him/ her.

19. Any shortcoming/ deficiency in RFID Solution shall be taken seriously and would be intimated by NID MP to Contractor in writing. If it is observed that the firm is not improving its shortcoming/ deficiency in the given timeframe, the contract would be terminated on the cost of Bidder and Security Deposit deposit would be forfeited also.

20. The TDS as applicable shall be deducted from the bills of the Contractor.

21. **Opening of Financial of the Bid:** After Evaluation of Technical Bid, Financial Bid of only those Bidders, who satisfy all the eligibility criteria laid down in Technical Evaluation Sheet, will be opened. In case any document produced in support of eligibility criteria turns out to be not genuine, EMD stands automatically forfeited, whether before award of work or otherwise.

22. **Evaluation of tender:**

(i) Evaluation of the Technical and financial proposals will be based on Quality cum Cost Based Selection mode with weightage of 60% and 40% for technical and financial proposals respectively.

(ii) In the first phase the Technical Proposals shall be evaluated on the basis of eligibility criteria as mentioned in this document.

(iii) In the second phase the firms which satisfy the eligibility criteria shall be given marks based on accordingly firms will be ranked based on the marks allotted to them.

Criteria for Evaluation	Marks	Maximum
<b>Experience in supply of RFID :</b>		30
<b>Five to seven years to the stipulated categories of Libraries as per the tender document</b>	20	
<b>More than seven but less than ten years</b>	25	
<b>More than ten years</b>	30	
<b>Clientele</b>		30
<b>Two stipulated categories of Libraries (libraries of Central/State Government/ Central Autonomous Bodies/Central Educational Organization Including IITs/ IIMs/ NITs / CFTIs/ PSUs) having more than 30,000 books</b>	20	
<b>Three to five such Libraries</b>	25	
<b>More than five such Libraries</b>	30	
<b>Annual Turnover in each of the last three years as per audited statement of accounts</b>		15
<b>Rs. 1 Crore to Rs 2 Crore</b>	5	
<b>Rs. 2 Crore to Rs 4 Crore</b>	10	
<b>More than Rs 4 Crore</b>	15	
<b>Presentation to Tender Evaluation Committee</b>		25
<b>Total</b>	<b>100</b>	<b>100</b>

(iv) The total score obtained by the Bidder as per the table above shall be the technical score (Ts) of the Applicant. Applicants should score at least 60 marks for being considered for opening of financial bid.

**(v) Opening of Financial Proposal:**

Financial Score: The lowest financial proposal will be given a financial score (Fs) of 100 points. The financial scores of other proposals will be computed as follows:

$$Fs = 100 \times FM1/F1$$

(F1 = amount of Financial Proposal as quoted by the Bidder; FM1 = Lowest financial quote)

**(vi) Combined and Final Evaluation:**

Proposals will finally be ranked according to their combined Score(s) calculated based on technical (Ts) and financial (Fs) scores as follows:

$$S = Ts \times Tw + Fs \times Fw$$

(Where Tw and Fw are weights assigned to Technical proposal and Financial Proposal as 60 and 40 respectively)

(vii) The Selected Applicant shall be the First Ranked Applicant (having the highest combined score). The Second and third Ranked Applicant shall be kept in reserve and may be invited for negotiations in case the first ranked Applicant withdraws or fails to comply with the requirements specified in this document.

**(viii) Evaluation Methodology:**

- a. Evaluation of technical proposals based on Table above.
- b. Technical scores shall be calculated for Bidders after the presentation.
- c. After that, financial proposals based on their technical score (Ts) after technical evaluation shall be opened.
- d. Combined Scores shall be calculated based on Technical and financial scores as per QCBS system.
- e. The highest ranked Bidder with the highest marks obtained shall be awarded with the project.

23. In case the tender opening date happens to be declared as a closed holiday, **the next date and timings will be notified through our website. However, the receiving date will remain same as the Bidders are required to submit their tenders on e-portal and send by post/ drop their sealed technical bids in box kept in Admin Branch.**

**24. The NID MP's Rights**

(i) NID MP reserves the right to accept/ reject any or all the bids in whole or in part and annul the bidding process without assigning any reason whatsoever and is not bound to accept the lowest tender.

(ii) NID MP also reserves the right to modify and/ or relax, any terms & conditions of this

tender document before last date of submission of tenders to safeguard its interest.

(iii) Any failure on the part of the Bidder to observe the prescribed procedure and any attempt to canvass / influence NID MP for furtherance of his/ her interest, the Bidder's quotation will be cancelled forthwith. The decision of NID MP in this regard will be final.

(iv) NID MP reserves the right to cancel the tender process without assigning any reason whatsoever, at any stage, in case of any change in requirement.

(v) NID MP reserves the right to award the work to more than one Bidder.

(vi) NID MP reserves the right to blacklist a Bidder for a suitable period in case the Bidder fails to honor his/ her/ its bid after award of work without sufficient grounds.

(vii) NID MP reserves the right to alter the quantities specified in the bid in the event of changes in requirement. No Bidder will be allowed to change the Financial bid if NID MP decides to drop any items from the schedule.

(viii) The tender document is valid for a period of six months from the date of issue. If purchase order is not issued within this period, the process will have to start afresh.

**25. Failure to comply with conditions given in the tender document renders the tender/ bid automatically disqualified.**

#### **26. Placing of Work Order**

(i) Job/Purchase Orders for the **RFID Solution** including hardware, software and consumables will be placed as per the requirements on the Contractor for installing and commissioning the complete solution on turn-key basis.

(ii) Items must be supplied in full as per the ordered configuration for acceptance within the stipulated period. No item with short supply will be accepted under any circumstances.

#### **27. Supply and acceptance of item**

(i) During installation at the site, if any item is found to be defective or broken, it will be replaced with a brand-new item by the Contractor at their cost and risk within 30 days.

(ii) The Institute reserves the right to reject any item, if found unsuitable and/or not conforming to the approved specifications. The rejected items, if any, shall have to be taken back and replaced by good quality item forthwith at the cost of the Contractor.

#### **28. Inspections and Tests**

(i) The Contractor shall at its own expense and at no cost to the Institute carry out all such tests and/or inspections of the Goods/ Items/ Software and Related Services as are specified in Bill of Quantities/ Schedule of Requirement.

(ii) The inspections and tests may be conducted on the premises of the Contractor, at point of delivery, and/or at the Institute's project area. If conducted on the premises of the Contractor, all reasonable facilities and assistance, including access to manual, drawings, etc shall be furnished to the inspectors/ representatives of the Institute at no charge to the Institute.

(iii) The Institute or its designated representative shall be entitled to attend the tests and/or inspections referred to above, provided that the Institute bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

(iv) Whenever the Contractor is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Institute. The Contractor shall obtain from any relevant third party or OEM any necessary permission or consent to enable the Institute or its designated representative to attend the test and/or inspection.

(v) The Institute may require the Contractor to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods/ Items/ Software under the Contract, provided that the Contractor's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price.

(vi) Further, if such test and/ or inspection impede the progress of manufacturing and/or the Contractor's performance of its other obligations under the Contract, due-allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

(vii) The Contractor shall provide the Institute with a report of the results of any such test and/or inspection.

(viii) The Institute may reject any Goods/ Items/ Software or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Contractor shall either rectify or replace such rejected goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Institute, and shall repeat the test and/or inspection, at no cost to the Institute, upon giving a notice pursuant to such rectification.

(ix) The Contractor agrees that, neither the execution of a test and/or inspection of the goods or any part thereof, nor the attendance by the Institute or its representative, nor the issue of any report, shall release the Contractor from any warranties or other obligations under the Contract.

## **29. Limitation of Liability**

(i) The Institute will in no case be responsible for any accident fatal or non-fatal, caused to any worker or outsider in course of transport or execution of work. All the expenditure including treatment, litigation expenses, interest and cost or compensation that may be awarded by the competent Authority/Court will be entirely borne by the Contractor.



(ii) The Contractor shall abide by all laws and regulations and statutory obligations in force from time to time including all Labour laws and shall indemnify the NID MP from any claims in this regard.

### **30. Warranty and Annual Maintenance Contract**

(i) All items should carry minimum 2 (two) years warranty after acceptance/ installation of the equipment/system.

(ii) AMC rates for 3 years have to be quoted by the Contractor after 2 years of initial warranty. AMC cost will be taken into account in deciding L1 Bidder. Yearly AMC will be awarded on satisfactory completion of warranty period on the quoted/accepted price.

### **31. Penalty**

(i) The schedule to be given for testing and acceptance and/or delivery and installation at site is to be strictly adhered to in view of the strict time schedule for implementation of the project. Any un-justified and unacceptable delay in delivery beyond the delivery schedule as per Purchase Order) will render the Bidder liable of penalty at the rate of 0.25% (zero point two five percent) per day subject to a maximum of 40 days and thereafter Institute holds the option for cancellation of the order for pending supply and procure the same item from any other Bidder at the risk and cost of the defaulting Bidder.

(ii) During warranty period, if the system fails either due to hardware failure and/or software failure and Bidder fails to bring the system live within seven working days after receiving the complaint through e-mail/ Telephone/ written form, an amount of Rs. 500/- (Rs. Five Hundred only) per day will be levied as penalty. The penalty so imposed will be recovered from the payment payable to the firm.

(iii) Penalty amount exceeding Rs. 5,000/- (Rs. Five Thousand only) during a month will lead to forfeiture of whole amount kept as Security Deposit towards warranty clause. In such case Institute has the right to engage the services of a third party to salvage the system at the risk and cost of the selected Contractor.

### **32. Other terms and Conditions**

(i) All terms and conditions for the supply, testing, acceptance, payment terms, penalty etc. will be as those mentioned in the tender document and no change in these terms and conditions will be acceptable.

(ii) The software developed for commissioning the complete solution will be Institute property and the Contractor shall have no claim, what-so-ever over that. The Contractor will provide the entire code to Institute.

(iii) Institute will not be responsible for any delay on the part of the Bidder in submission of the tender bid.

- (iv) Any default in the term and condition of the tender will lead to rejection of the bid and forfeiture of EMD and Security Deposit.
- (v) Incomplete Bids will be outrightly rejected.
- (vi) Failure to substantiate any of the information given while submitting the bid shall be a ground for rejection of the bid.
- (vii) Bidders are permitted to conduct site survey. The Bidders are requested to get prior permission and fix the time frame in consultation with Library of the Institute. The Institute will not bear any cost/risk for getting the site surveyed. It is the Bidder's option to conduct the site survey. Any delay in getting the site surveyed, will not qualify for any extension in the timelines of the tender submission.
- (viii) In case the offered solution needs cabling in the building including Internet/ LAN cables, cost of laying such cables and its laying will be borne by the Contractor and it must be included in the financial quote.
- (ix) Institute reserves the right to change, delete and add any technical specification and any term and condition of the tender, as required during the process of implementation.
- (x) Bidders must submit the technical and financial bids separately as per the given format.
- (xi) During Technical Evaluation process, Bidders shall be required to showcase solution offered for RFID +EM - based System with complete details of hardware, software and consumable needed to install the solution, in their presentation.
- (xii) Date and time once agreed upon mutually for implementing the solution by the Contractor and Institute will not be changed. Delay from the stipulated time frames in developing the prototype will lead to the rejection of the bid and forfeiture of EMD/ Security Deposit.
- (xiii) Decision of Institute in approving the prototype will be final and no representation will be entertained in this regard.
- (xiv) Bidders must submit the separate rates for all the components such as hardware, software, RFID Tags, support and hardware items as per the format of Financial Bid.
- (xv) L1 Bidder will be calculated on the basis of the cost of providing the complete RFID Solution, two years warranty and AMC cost for 3 years.
- (xvi) Institute reserves the right to increase/decrease the size of the project, in terms of requirements.
- (xvii) The work has to be undertaken by the Bidder on turnkey basis.
- (xviii) The prospective Bidders requiring any clarification about the contents detailed in the tender document may notify the Institute in writing at the mailing address given in this document. Clarifications received till 72 hours before the closing date/time of receipt of bids will be responded. Accordingly, all the Bidders must refer the Institute's website for the clarification, if any, before submission of their bids on the due date/time.
- (xix) Inspection: Institute or its representative shall have the right to inspect or to test the items

to confirm their conformity to the ordered specifications. The Contractor shall provide all reasonable facilities and assistance to the inspector at no charge to Institute. In case any inspected or tested items fail to conform to the specifications, Institute may reject them and supplier shall either replace the rejected goods or make all alterations necessary to meet specification required free of cost to Institute.

(xx) Payment Terms: 50% of the Hardware cost will be paid by Institute towards the successful Bidder at the time of delivery and 30% of the Hardware cost at the time of satisfactory completion of installation, commissioning, testing of Hybrid RFID system with KOHA and its customization and acceptance of the equipment. The remaining 20% of the Hardware Cost will be paid after six months of successful User Acceptance Testing as well as receipt of pre-receipted bill in duplicate.

(xxi) Parties should quote their rates in respect of BILL OF QUANTITIES as per Annexure. Rates quoted by the Bidder shall be final and no negotiation will be held in this regard.

(xxii) The prices quoted shall remain firm through the contract period.

### **33. Contractor's Responsibilities**

(i) The Contractor shall:

- a. shall supply all the Goods and Related Services included in the Bill of Quantities/ schedule of requirement.
- b. comply with all applicable safety regulations.
- c. institute a quality assurance system to demonstrate compliance with the requirements of the Contract. The system shall be in accordance with the details stated in the tender.
- d. shall allow the Institute to audit any aspect of the system.

(ii) The Contractor shall be deemed to:

- a. Have satisfied himself as to the correctness and sufficiency of the Accepted Contract Amount.
- b. Have based the Accepted Contract Amount on the data, interpretations, necessary information, inspections, examinations and satisfaction as to all relevant matters.
- c. Have satisfied himself that unless otherwise stated in the Contract, the Accepted Contract Amount covers all the Contractor's obligations under the Contract and all things necessary for the proper discharge of the contract agreement.
- d. assumed liability and indemnified the Institute from every expense, liability or payment by reason of the application of any labour law, act, rules or regulations existing or to be introduced at a future date during the term of the Contract.

### **34. Confidential Information**

(i) The Institute and the Contractor shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract.

(ii) Notwithstanding the above, the Contractor may furnish to its Subcontractor such documents, data, and other information it receives from the Institute to the extent required for the Subcontractor to perform its work under the Contract, in which event the Contractor shall obtain from such Subcontractor an undertaking of confidentiality.

(iii) The Institute shall not use such documents, data, and other information received from the Contractor for any purposes unrelated to the contract. Similarly, the Contractor shall not use such documents, data, and other information received from the Institute for any purpose other than the performance of the Contract.

### **35. Sub-Contracting**

The Contractor shall notify the Institute in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Such notification, in the original Bid or later shall not relieve the Contractor from any of its obligations, duties, responsibilities, or liability under the Contract. The sub-contracting shall be limited only for specified work i.e., installation and commissioning of RFID Solution.

### **36. Transportation and Incidental Services**

The Contractor is required under the contract to transport the Items/ Goods to the Institute location, defined as the Project Site, including insurance, storage and related costs, shall be arranged by the Contractor and shall be included in the Contract Price. The Contractor may be required to provide all of the following services:

(i) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods/ Items/ software;

(ii) performance or supervision or maintenance and/or repair of the supplied Goods/ Items/ software, for a period of time agreed by the parties, provided that this service shall not relieve the Contractor of any warranty obligations under this Contract; and

(iii) training of the Institute's personnel in starting-up, operation, maintenance, and/or repair of the supplied Goods/ Items/ software.

### **37. Tax Deduction at Source**

The Institute shall deduct the statutory charges/taxes as applicable under Income Tax Act, Goods and Services Tax Act, Labour Cess, Royalty, Security Deposits and other such amounts found necessary from the amounts to be paid by the Institute to the selected bidders in each bill for the work. The deducted amount will be reflected in the requisite Form, which will be issued at the end of the financial year.

### **38. Signing of Agreement**

On receipt of the work order, the successful bidder shall submit the Letter of Acceptance (LoA) within 7 days and sign the agreement with the Institute within 15 (Fifteen) days from

the date of issue of work order.

### **39. Force Majeure**

(i) Bidder shall not be liable for default or non-performance of the obligations under the contract, if such default or non-performance of the obligations under this contract is caused by any reason or circumstances or occurrences beyond the control of the Bidder, i.e. Force Majeure.

(ii) For the purpose of this clause, "Force Majeure" shall mean an event beyond the control of the Bidder, due to or as a result of or caused by acts of God, wars, insurrections, riots, earth quake, natural calamity and fire, events not foreseeable but does not include the Bidder's fault or negligence or carelessness on the part of the Bidder, resulting in such a situation.

(iii) In the event of any such intervening Force Majeure, the Bidder shall notify NID in writing of such circumstances and the cause thereof immediately within five calendar days. Unless otherwise directed by the Institute, the Bidder shall continue to perform/ render/ discharge other obligations as far as they can reasonably be attended/fulfilled and shall seek all reasonable alternative means for performance affected by the Event of Force Majeure.

(iv) In such a case, the time for performance shall be extended by a period(s) not less than the duration of such delay. If the duration of delay continues beyond a period of three months, the Institute and the Bidder shall hold consultations with each other in an endeavor to find a solution to the problem. Notwithstanding above, the decision of the Institute shall be final and binding on the Bidder.

### **40. Resolution of Disputes**

All disputes and differences of any kind whatsoever, arising out of or in connection with this Bid or in the discharge of any obligation arising under this Bid (whether during the progress of the work or after completion of such work and whether before or after termination, abandonment or breach of the Agreement) shall be resolved amicably. In case of failure to resolve the disputes and differences amicably the matter may be referred to a sole arbitrator mutually agreed upon after issue of at least 30 days' notice in writing to the other party clearly setting out there in the specific disputes. In the event of absence of consensus about the single arbitrator, the dispute may be referred to joint arbitrators, one to be nominated by each party, and the said arbitrators shall appoint a presiding arbitrator. The provisions of the Indian Arbitration and Conciliation Act, 1996, shall govern the arbitration. The venue of the arbitration shall be Bhopal.

### **41. Jurisdiction**

In the event of any dispute not resolved amicably as enumerated in clause above, Bhopal shall be considered as the place of execution of this contract arrangement and only courts in Bhopal alone shall have jurisdiction in the matter.

## **Section VI - PROJECT TIME SCHEDULE & DELIVERY PLAN**

Confirmation of Order by the Bidder: T+ 7 days

Delivery of Material: Within T+ 45 days

Installation, Customization and Commissioning: T + 60 days

Data Entry and Tagging completion: T + 60 days

Any deviation from the Project Time Schedule will result in Penalty as per the terms defined in the Penalty Section of this document.

## PART - I : TECHNICAL BID PROFORMA

Sr. No.	Documentary Proof (Self attested)	Details	Page No.
i.	1- Name of the Bidder 2- Type of Bidder (Proprietary Firm/Company/LLP/Partnership Firm) 3- Complete Address  4- Telephone number 5- Official Email id of the Bidder 6- Mobile number of the owner		
ii.	Proof of incorporation/ inception of the Firm/ Company/ Agency	Valid certificates	
iii.	Copy of PAN Card	Valid certificates	
iv.	Copy of GST registration certificate	Valid certificates	
v.	Proof of the Bidder being an Original Equipment Manufacturer (OEM) of RFID hardware components or an Authorized Distributor of OEM of RFID hardware components or a System Integrator having experience in RFID Solutions.	Valid certificates	
vi.	The OEM is an ISO 9000/9001/9002 certified company	Valid certificates	
vii.	Documents related to average turnover of minimum Rs One crore per year {Copies of IT Returns/ Audited accounts statement of the last three years (2017-18, 2018-19, 2019-20)}	Valid certificates	
viii.	Documents showing 5 years of experience in providing turnkey solution towards supply and deployment of hybrid (RFID + EM) based solution to Central/ State Government/ Central Autonomous Bodies / Central Educational Organization Including IITs/IIMs/NITs /CFTIs/ PSUs	Work orders	
ix.	Please provide the name, address, and the other details of the OEM.	OEM certificates	

x.	All system components must be UL, CE, and FCC Part 15-Certified; SIP2, RS-232, TCP/IP Ethernet 10/100, 802.11b (wireless) compliant; and meet the EU RoHS and WEEE Directives	OEM Certification	
xi.	The proposed system must provide application-specific software to incorporate all RFID Library related hardware (detection systems, staff station readers, cataloging stations, patron self-check stations, inventory, book issue and book return system), the circulation RFID tags and any other RFID-related hardware into the system. The Software system has to support all general features of the Library system for RFID automation even though they might not be part of the system right now. Such functionalities are required in the system so as to keep future upgrades possible	Bidder Certification	
xii.	The RFID system must be ISO 15693 18000-3 Mode 1 Compliant and must use Reader Talks First (RTF) Architecture.	OEM Certification	
xiii.	An affidavit duly certified by a Notary that the Partners of the firm or sole Proprietor or Company has never been black listed or changed the name of the firm and that the Partners of the firm or sole Proprietor or Company is/are not involved in any Police Case/ Vigilance enquiry pending or ever been punished by any Hon'ble Court (in Original).	Bidder Certification	
xiv.	Details of Earnest Money Deposit		

I/We certify that the above information is true to the best of my/our knowledge and I/We do not have any relative of the rank of Under Secretary or equivalent working in NID MP.

Signature and Seal of the Bidder

Date:



**BILL OF QUANTITIES WITH MAKE AND MODEL**

<b>Sl.</b>	<b>Equipment (Initial requirement at the time of installation and commissioning)</b>	<b>Quantity</b>	<b>Make and Model</b>
1	Book Labels – RFID	5,000	
2	Multi-Layered Optically Watermarked Sticking Labels with Institute Logo	5,000	
3	Book Labels – EM Tattle Tape	5,000	
4	Job Work - Data Entry Minimum 20 Book Fields	5,000	
5	Job Work – Tagging of RFID, EM and Labels & Programming of Tags	5,000	
6	Hybrid Staff Station for Personalization & Circulation of books and cards	1	
7	Printed Smart Cards	200	
8	Electromagnetic Detection Gate System Dual	1	
9	Hybrid Self Check In-Check Out System	1	
10	Library Usage Monitoring System	1	
11	Book Drop System (conveyor based) with hydraulic BIN	1	
12	OPAC Kiosk	1	
13	All interrelated Software's & integration systems	1	
14	Full customization of KOHA LMS with mobile app	1	
15	Trainings, Deployment and any other related hardware/software/service	1	

**UNDERTAKING BY CONTRACTOR**

**(Attested by Notary on a stamp paper of Rs. 100)**

I/We hereby certify that:

1. I/we have made the site visit in order to evaluate the level of services to be rendered and quoted accordingly.
2. I/We have read all the terms & conditions of the tender documents and by applying this tender, I/we hereby agree to all the conditions of the tender document/agreement.
3. I/We agree that the payment will not be made for work not carried out/ incomplete/ unsatisfactory as per schedule of requirement/ Bill of Quantities.
4. I/We further undertake to abide by all the provisions of law, enactments, notifications and circulars issued by the competent authorities. We shall keep the Institute fully indemnified and continue to keep the Institute indemnified for all the consequences arising out of our non-compliance of the provisions of law.
5. I/We undertake to protect the interest of the Institute in respect of this contract agreement as well as against the action of any of our employees.
6. It is certified that the Partners of the Firm or sole proprietor or Firm/ Agency/ Company as the case may be, has never been black listed by any of the Departments/ Autonomous Institutions/ Universities/ Public Sector Undertakings of the Government of India/ State Government and no criminal case is pending against the said Firm/ Agency/ Company as on the last date of filling of this tender.
7. There is no police case/vigilance enquiry pending against the Partners of the Firm or sole proprietor or Firm/ Agency/ Company as the case may be, and that he/ she/ it has never been punished by any Hon'ble Court.
8. There are 'no dues' pending for payment towards income tax as on the date of the affidavit against the Partners of the Firm or sole proprietor or Firm/ Agency/ Company as the case may be.

Bidder's Signature and seal

Date:

**LETTER OF ACCEPTANCE**

The Director  
National Institute of Design, Madhya Pradesh,  
Acharpura, Eint Khedi, Post Arwaliya,  
Bhopal (MP) – 462038

**Name of Work: Providing RFID Solution to NID MP.**

Sir,

1. I/We understand the nature and quantum of work to be carried out. I/we have read the various conditions to tender including general conditions and hereby agree to abide by the said terms and conditions. I/We also agree to keep this tender open for acceptance for a period of 90 (ninety) days from the date fixed for opening the Part I and in case the tender is withdrawn within the validity period or the contract if awarded is not accepted, I/We understand that my/our “Earnest Money Deposit” submitted along with the tender to NID MP will be liable for forfeiture. The rate quoted is firm and I/we will execute the work as per the rates quoted in the attached schedule and hereby bind myself/ourselves to carry out the work during the entire contract period as per the letter of acceptance of the tender/contract. I/We also hereby agree to abide by the rules and regulations of the NID MP, general conditions of the contract as amended from time to time and to carry out the work according to the conditions of the contract laid down by NID MP.

2. Earnest Money in the form of Demand Draft /Bank’s Pay Order drawn in favour of National Institute of Design is attached with the tender document. The full value of the Earnest Money shall stand forfeited without prejudice to any other right to remedies if:-

- (i) I /We do not submit the letter of acceptance within 7 (seven) days after getting information from NID MP,or
- (ii) I / We do not execute the contract documents and don’t commence work within fifteen days of getting information from NID MP.

3. Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed between us and indicated in the letter of acceptance of my/our offer for this work.

Signature of Bidder(s) with Stamp, Address:

Date:

Draft Contract Document

(In non-judicial Stamp Paper of Rs. 100/-)

**Contract Agreement for providing turnkey solution towards supply and deployment of hybrid (RFID + EM) based hardware systems including the system integration, KOHA software systems with mobile app, other hardware system and peripherals along with maintenance agreements (RFID Solution) at National Institute of Design, Madhya Pradesh (NID MP)**

This agreement is made on ..... 2020 between the National Institute of Design, Madhya Pradesh, Acharpura, Eint Khedi, Post Arwaliya, Bhopal (MP) – 462038 hereinafter referred to as “Institute”,

and

M/s ....., a Firm/ Company/ Agency/ Individual with registered office at .....

..... hereinafter referred to as “Contractor”,

and both the parties as mentioned above set forth and agree to abide by the following terms of this agreement.

WHEREAS the Contractor has tendered for Supply, Installation and Commissioning of Supply and deployment of hybrid (RFID + EM) based hardware systems including the system integration, KOHA software systems with mobile app, other hardware system and peripherals along with maintenance agreements (RFID Solution) at Institute as per the terms and conditions mentioned in the tender document. Whereas such tender has been accepted and the Contractor has deposited with the Tendering Authority the sum of Rs. .... (Rupees ..... only) as performance security for the fulfillment of this Agreement.

NOW IT IS HEREBY AGREED between the parties hereto as follows:

1. The Contractor has accepted the contract on the terms and conditions set out in the tender notice ..... dated ....., which shall hold good during period of this agreement. The Instructions to bidders, General Conditions of Contract (GCC), Special Conditions of Contract (SCC), Scope of work, Terms and Conditions, Terms of Reference, Letter of Bid, The Price Schedule submitted by the Bidders, Work order, Letter of Acceptance and any document issued by the Institute prior to commencement of work shall form part of the contract.

2. Upon breach by the Contractor of any of the conditions of the agreement, the Tendering Authority may issue a notice in writing, determine and put an end to this agreement without prejudice to the right of the Institute to claim damages for antecedent breaches thereof on the part of the Contractor and also to reasonable compensation for the loss occasioned by the failure of the Contractor to fulfill the agreement as certified in writing by the Tendering Authority which certificate shall be conclusive evidence of the amount of such compensation payable by the Contractor to the Institute.
3. Upon the determination of this agreement whether by effluxion of time or otherwise, the said deposit shall after the expiration of two months from the date of such determination be returned to the Contractor but without interest and after deducting there from any sum due by the Contractor to the Government under the terms and conditions of this agreement.
4. This agreement shall remain in force until the expiry of **12 months** from the date of entering into the contract but the Tendering Authority may cancel the contract at any time upon giving one month's notice in writing without compensating the Contractor.
5. The Tendering Authority may give notices in connection with the contract. In consideration of the payments to be made by the Institute to the Contractor as hereinafter mentioned the Contractor hereby covenants with the Institute to provide the Services and to remedy defects therein conformity in all respects with the provisions of the Contract.
6. The Contractor shall be bound by the details furnished by him/her to the Institute while submitting the Tender or at subsequent stage. Upon selection of the Contractor, if at any stage, any document furnished by him/her is found to be false or the quality of the work/ services or rate are found of poor quality or different specifications, it would be deemed to be a breach of terms of contract and the Institute shall be free to take action as per terms of the contract.
7. The Tendering Authority hereby covenants to pay the Contractor in consideration of the provision of the Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.
8. If subject to circumstances beyond control (Force Majeure) the contract fails to deliver the services in accordance with the conditions mentioned in the tender, the Tendering Authority shall be entitled to render services from else other organization after giving due notice to the Contractor on the amount and at the risk of the Contractor without

canceling the contract in respect of the consignment not yet due for delivery, or to cancel the contract.

9. In the event of action to be taken, the Contractor shall be liable for any losses, which the Tendering Authority, may sustain on that account. The recovery by way of penalty shall be made by deducting the amount from the bills be made good by a credit note within the stipulated period for the purpose.

IN WITNESS WHEREOF the parties have caused this Agreement to be executed by the hands of duly authorized representatives on the day, month and year first before written.

Signed:

For and on behalf of \_\_\_\_\_ Witness 1 \_\_\_\_\_  
National Institute of Design, Madhya Pradesh

\_\_\_\_\_ Witness 2 \_\_\_\_\_  
Authorised Signatory

For and on behalf of \_\_\_\_\_ Witness 1 \_\_\_\_\_

M/s \_\_\_\_\_  
Authorised Signatory \_\_\_\_\_ Witness 2 \_\_\_\_\_

## PRICE SCHEDULE FOR THE INSTALLATION AND COMMISSIONING OF COMPLETE RFID SOLUTION

I/ We hereby certify that we are established firm of manufactures/authorized agents of M/s. .... (OEM) with factories/ production unit of OEM at ..... which are fitted with modern equipment and where the production methods, quality control and testing of all materials and parts manufactured or used by us are open to inspection by the representative of Institute. We hereby offer to supply the following items at the prices indicated below:

### Part A

Sl.	Equipment	Quantity	Unit Price with GST	Total with GST
1	Book Labels – RFID	5,000		
2	Multi-Layered Optically Watermarked Sticking Labels with Institute Logo	5,000		
3	Book Labels – EM Tattle Tape	5,000		
4	Job Work - Data Entry Minimum 20 Book Fields	5,000		
5	Job Work – Tagging of RFID, EM and Labels & Programming of Tags	5,000		
6	Hybrid Staff Station for Personalization & Circulation of books and cards	1		
7	Printed Smart Cards	200		
8	Electromagnetic Detection Gate System Dual	1		
9	Hybrid Self Check In-Check Out System	1		
10	Library Usage Monitoring System	1		
11	Book Drop System (conveyor based) with hydraulic BIN	1		
12	OPAC Kiosk	1		
13	All interrelated Software's & integration systems	1		
14	Full customization of KOHA LMS with mobile app	1		
15	Trainings, Deployment and any other related hardware/software/service	1		
	<b>Total</b>			

Note: Cost of onsite comprehensive AMC for a period of three years (after two-year initial warranty) on per annum basis must be quoted as per **format given below**, failing which the tender will outrightly be rejected: -

**Part B**

Sl.	Equipment	Total AMC Charges (Including GST)
1	Comprehensive AMC for 3 <sup>rd</sup> year	
2	Comprehensive AMC for 4 <sup>th</sup> year	
3	Comprehensive AMC for 5 <sup>th</sup> year	
	<b>Total</b>	

(i) It is hereby clarified that we have understood the terms and conditions of the tender and have thoroughly examined specifications and are thoroughly aware of the nature of goods required and our offer of installation and commissioning the RFID Solution is strictly in accordance with the requirement and terms and conditions of the tender. We agree to abide by the terms and conditions of the tender if the contract is awarded to us.

(ii) We hereby offer installation and commissioning the RFID Solution detailed above or such portion thereof as you specify in the purchase order at the price quoted and agree to hold this offer open for acceptance for a period of 180 days from the date of opening of bid.

(iii) The bid price includes all duties, insurances, taxes, and other levies. No additional claims will be presented at any stage subsequently.

(iv) We understand that the Financial Bid shall be evaluated on the basis of sum total of prices quoted at Part A and Part B.

(v) Bid security for an amount equal to Rs. ..../- is enclosed in the form of Bank Draft/ Pay Order.

\_\_\_\_\_  
(Signature and seal of Manufacturer/Bidder)

Dated \_\_\_\_\_ 2020