Tender Document

Indira Gandhi Institute of Technology, Sarang

Tender for Supply, Installation and Commissioning of RFID based Library System on behalf of Indira Gandhi Institute of Technology, Sarang (Tender No.IGIT/LIB/ 93 dt 18 / 01 / 2025)

Opening of Tender : 19/01/2025

Last Date of Submission of Tender : 18/02/2025 upto 03.00PM

Date of Opening of Technical Tender : 20/02/2025 at 11.00AM

Date of Presentation : 20/02/2025 at 01.00PM

Date of Opening of Financial Bid : 20/02/2025 at 03.30PM

Tender Processing Fee: Rs. 6,000/-

Indira Gandhi Institute of Technology, Sarang requires Supply, Installation and Commissioning of Radio frequency Identification based Library System and hereunder invites Tender for Library RFID System. Tender No.IGIT/LIB/93 dt 18/01/2025.

SECTION I

Eligibility Criteria of Bidder/OEM for Tender

- 1. The Bidder/OEM should submit Certificate of Authorization from the Principal Manufacturing Company and self-declaration in case of OEM Bidding to quote the Tender. A dealer's sub-resellers are not allowed to bid for the project. Letter of authorization from Original Equipment Manufacturer specific to this tender should be enclosed. The letter should mention OEMs contact numbers, email addresses and website with whom authenticity of letter can be cross checked. To verify the authenticity of the items quoted in the tender the RFID equipment should be available on OEM's website.
- 2. The Bidder/OEM should have at least 05 crore average annual turnover for last 3 years from software development/ IT services. The copies of Audited Accounts / Balance Sheet, Profit & Loss Account along with Income Tax Returns for the last three years shall be attached with the Tender.
- 3. The Bidder/OEM should have an experience of successful installation of RFID hardware integrated with E-Granthalaya in minimum 5 national / state level academic libraries, out of 5 libraries, 2 should be from Odisha State. All sites should be operational from at least last 1 year. Customer references and Purchase orders must be attached along with the tender.
- 4. The quoted RFID Hardware must be used in at least 150 or more Government Academic Institution Libraries in India.
- 5. The Bidder and OEM must not be blacklisted and / or debarred from any govt. / non-govt. institute of India in last 10 years. The declaration on a Rs.100 stamp paper with sign of any director from the bidder and OEM both need to be submitted with the bid.
- 6. All RFID Equipment Tags, Readers, Gates, Kiosk should be from One RFID Manufacturer. A certificate form OEM in this regard needs to be submitted.
- 7. The Bidder/OEM must be a registered Firm in India with Registrar of Companies and in business for the last 15 years or more.
- 8. The Bidder/OEM should have the support office at Eastern Part of India and the support office address must be visible in the website of Bidder/OEM. Proof of support office address needs to be submitted with tender.
- 9. The Bidder/OEM must be certified by National Informatics Centre NIC, India for integration and compatibility of their proposed RFID System with E-Granthalaya using NCIP v2.0 /SIP2only.
- 10. The RFID Gates should be having ETA Equipment Type Approval from Wireless Planning Commission. This is a mandatory requirement for both Indian and International Manufacturers.

Necessary documentary support is to be provided for each criterion.

SECTION II

General Terms & Conditions:

- 1. The last date of submission of Tender is **18/02/2025 upto 03.00 PM** through registered post/ speed post/ currier services. The Tender is non-transferable.
- 2. The Bidder may quote only one option i.e. only one product can be quoted against each item. Bidders are required to mention make & model of the product. Please do not write "OEM" against items as Bidders is expected to give make & model of the product.
- 3. The Bidder will have to supply, install, commission & maintain and provide operational training for supplied hardware, operating software and peripherals and carry out necessary integration at end user office.
- 4. If in any case the quoted item is not available in the market, the Bidder will have to supply Higher Version/replacement of that item in the quoted cost in the same time duration with prior approval of Indira Gandhi Institute of Technology, Sarang. No "End of Life" product should be quoted to minimize such instances. Make & Model quoted by the Bidder should be available till the Tender validity, duly supported for spares/OEM support for warranty period.
- 5. The Bidder shall bear all the costs associated with the preparation and submission of its Tender, and Indira Gandhi Institute of Technology, Sarang in no case will be responsible or liable for these costs, regardless of conduct or outcome of bidding process.
- 6. Technical specifications indicated are minimum specification. Bidder may quote for better solution. The Bidder should provide following with the technical Tender:
 - Make & Model Number
 - Name of Manufacturer
 - Technical Literature
 - Manufacturer's Data Sheet.
 - Compliance statement from the OEM of the product
- 7. The Bidder has to upload the compliance letter on its letter head duly signed by the authorized signatory & other supporting documents as asked for in the Tender in scanned format. Failing to submit the same or non-compliance/deviation from any Tender terms and conditions, eligibility criteria or technical specifications may result in rejection of the Tender.
- 8. The Bidder has to examine all instructions, forms, terms, conditions and specifications in the Bidding documents. Failure to furnish all information required by the Bidding documents or submission of a Tender not substantially responsive to the Tendering documents in every respect will be at the Bidder's risk and may result in rejection of its Tender.
- 9. Amendment of Bidding Documents/Corrigendum.
 - 9.1. At any time prior to the deadline for submission of Tenders, Indira Gandhi Institute of Technology, Sarang may, for any reason, whether its own initiative or in response to the clarification request by a prospective Bidder, modify the Bidding documents.
 - 9.2. The corrigendum if any will be published on website www.igitsarang.ac.in
 - 9.3. In order to allow prospective Bidders reasonable time to take into consideration the amendments while preparing their Tenders Indira Gandhi Institute of Technology, Sarang, at its discretion, may extend the deadline for the submission of Tenders.
- 10. Tender Currency Prices shall be quoted in Indian Rupees only. Payment for the supply of equipments as specified in the agreement shall be made in Indian Rupees only.
- 11. The Bidder will have to submit Non refundable Tender Processing Fees of Rs. 6,000/- & Refundable Earnest Money Deposit (E.M.D.) of Rs.40,000/- on or before date & hours of submission of the Tenders in a sealed cover at Indira Gandhi Institute of Technology, Sarang, with the heading "Tender processing Fees & EMD for Tender no IGIT/ LIB/93 dt 18/01/2025 for Supply, Installation and Commissioning of RFID based

Library System on behalf of Indira Gandhi Institute of Technology, Sarang"

- Tender processing fees must be in the form of Demand Draft in the name of **Indira Gandhi Institute of Technology, Sarang** payable at **Sarang** along with the covering letter.
- Please affix the stamp of your company on the overleaf of demand draft.
- 12. In case of non-receipt of Tender processing fees & EMD as mentioned above, Tender will be rejected by Indira Gandhi Institute of Technology, Sarang as non-responsive.
- 13. Unsuccessful Bidder's E.M.D. will be returned as promptly as possible after the expiration of the period of Tender validity OR upon the successful Bidder signing the Contract, and furnishing the Performance Bank Guarantee as prescribed by Indira Gandhi Institute of Technology, Sarang, whichever is earlier.
- 14. In exceptional circumstances, Indira Gandhi Institute of Technology, Sarang may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. A Bidder may refuse the request without forfeiting its E.M.D. A Bidder granting the request will not be permitted to modify its Tender.
- 15. The Successful Bidder has to submit Performance Bank Guarantee @ 4% of total order value within 45 days from the date of issue of Purchase order for the duration of 12 month from any Nationalized Bank including the public sector bank or Private Sector Banks authorized by RBI or Commercial Bank or Regional Rural Banks.
- 16. Successful Bidder will have to sign the contract upon receiving the confirmed purchase order with the purchaser within 30 working days from the date of confirmed purchase order. The draft is attached herewith.
- 17. The successful Bidder's E.M.D. will be returned upon the Bidder signing the Contract, and furnishing the Performance Bank Guarantee @ 4% of the total order value and offer of inspection of the ordered material.
- 18. The E.M.D. may be forfeited at the discretion of Indira Gandhi Institute of Technology, Sarang, on account of one or more of the following reasons:
 - (a) If a Bidder withdraws its Tender during the period of Tender validity.
 - (b) If Bidder does not respond to requests for clarification of their Tender
 - (c) If Bidder fails to co-operate in the Tender evaluation process, and
 - (d) In case of a successful Bidder, if the Bidder fails:
 - i To sign the Contract as mentioned above or
 - ii To furnish performance bank guarantee as mentioned above or
 - iii If the Bidder is found to be involved in fraudulent practices.

19. Termination for Default:

- 19.1. The Purchaser may, without prejudice to any other remedy for breach of contract, may communicate by written notice of default to the Bidder. Bidder will be given notice/cure period of 30 days, after that purchaser will terminate the Contract in whole or part after:
 - a) If the Bidder fails to deliver any or all of the Goods as per the delivery schedule mentioned in the Tender, or within any extension thereof granted by the Purchaser or
 - b) If the Bidder fails to perform any other obligations under the Contract/Purchase order.
 - c) If the Bidder, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

"Corrupt practice" means the offering, giving, receiving or soliciting of anything of value of influence the action of a public official in the procurement process or in contract execution.

"Fraudulent practice: a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the purchaser, and includes collusive practice among Bidders prior to or after Tender submission designed to establish Tender prices at artificial non-competitive levels and to deprive the purchaser of the benefits of free and open competition;"

- 19.2. In the event the Purchaser terminates the Contract in whole or in part, pursuant to Clause 19.1 above, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Bidder shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Bidder shall continue the performance of the contract to the extent not terminated.
- 20. If the successful Bidder fails to submit the Performance Bank Guarantee & sign the Contract Form within prescribed time limit, the EMD of the successful Bidder will be forfeited. Indira Gandhi Institute of Technology, Sarang also reserves the right to blacklist such Bidder from participating in future tenders if sufficient cause exists.
- 21. Price shall be inclusive of all freight, forwarding, transit insurance, installation, and warranty and maintenance charges for Two year. Comprehensive maintenance for another three years will be given by the succeful bidder on payment basis which may be included in the financial bid.
- 22. Prices shall be inclusive of Excise Duties. The prices shall strictly be submitted in the given format. Quoted prices shall be inclusive of all taxes except CST / VAT / Service Tax. The tax components like CST / VAT / Service Tax as applicable shall be mentioned separately in the respective columns.
- 23. Late Tenders: The Bidder will not be able to submit the Tender after final submission date and time. Tenders received after the last date and time of submission will not be considered for further processing.
- 24. Modification and Withdrawal of Tenders
 - 24.1. The Bidder may modify or withdraw its Tender before the due date of Tender submission.
 - 24.2. No Tender will be allowed to be modified subsequent to the final submission of Tenders.
 - 24.3. No Tender will be allowed to be withdrawn in the interval between the deadline for submission of Tenders and the expiry of the Tender validity. Withdrawal of a Tender during this interval will result in the forfeiture of Bidder's E.M.D.
- 25. Tenders will be opened in the presence of Bidder's representatives, who choose to attend. The Bidder's representatives who are present shall sign a register/attendance sheet evidencing their attendance. The representative will be held responsible for all commitments made on behalf of the Bidder and that will be considered valid for all further dealings related to this Tender process. In the absence of the Bidder's, the Tender Committee may choose to open the Tenders as per the prescribed schedule.
- 26. The Bidder's names, Tender modifications or withdrawals, discounts and the presence or absence of relevant E.M.D. and such other details as Indira Gandhi Institute of Technology, Sarang at their discretion, may consider appropriate, will be announced at the opening.
- 27. Evaluation of the Tenders: After the closing time of submission, Indira Gandhi Institute of Technology, Sarang committee will verify the submission of Tender Processing Fees & EMD as per Tender terms and conditions. The eligibility criteria/evaluation will be carried out of the responsive Tenders as per the mentioned date and time. The technical Tenders of the Bidders who are complying with all the eligibility criteria will be opened and evaluated. Indira Gandhi Institute of Technology, Sarang will seek clarifications if required on eligibility & technical section. Marks will be awarded proportionately to the bidders as per the specified requirements of the bid subject to maximum mark allotted to the highest performer for that item as per Annexure –I. The bidders will have to give a 20 minutes presentation of their proposal, specification, plan of installation and commissioning and operation of the RFID system. The technical score will be given 70 % weightage. A bidder has to score minimum 50 marks in technical bid evaluation, in order to qualify for financial bid opening. The L1 bidder in financial bid will be awarded 100 marks, and the rest will be awarded marks proportionately. The financial score will be given 30% weightage for awarding the bid. Please refer Annexure –I for evaluation criteria basing on composite score. Bid will be awarded to the firm having maximum composite score.
- 28. The Bidder will have to offer the inspection in the manner as decided by Indira Gandhi Institute of Technology, Sarang before delivering to the respective site or at customer sites. The cost of the same has to be borne by the supplier. Any deviation found in the specification of the produced goods from the Tender specification will lead to the cancellation of the order, forfeiture of EMD/PBG and prohibition in the participation in the future purchase of Indira Gandhi Institute of Technology, Sarang . Indira Gandhi Institute of Technology, Sarang will not be responsible for any time delay which may arise due to any deviation from the Tender technical specification found at the time of inspection and the Bidder has to deliver and install the ordered goods within prescribed time limit. At the time of inspection, Bidder is required to produce OEM's confirmation on OEM's letter head with serial nos. of Equipments, Software supplied for back to back warranty support as per tender terms & conditions.

- 29. The Indenter's right to inspect, test and, where necessary, reject the Goods after the Goods arrival at Customer Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.
- 30. Delivery & installation: Within 120 working days from the date of confirmed purchase order.
- 31. In case of successful Bidder is found in breach of any conditions of Tender or supply order/work order, at any stage during the course of supply / installation or warranty period, the legal action as per rules/laws, shall be initiated against the successful Bidder and EMD/Security Deposit shall be forfeited, besides debarring and blacklisting the Bidder concerned for the time period as decided by Indira Gandhi Institute of Technology, Sarang, for further dealings with Indira Gandhi Institute of Technology, Sarang.
- 32. Tender validity will be of **180 days after the date of financial Tender opening**. A Tender valid for shorter period shall be rejected as non-responsive. **If required, Indira Gandhi Institute of Technology, Sarang may extend the Tender validity for further period from the date of expiry of Tender validity in consultation with the successful Bidder.**
- 33. Bidders are required to quote all items including optional add-ons as well. Incomplete Tenders will be treated as non-responsive and will be rejected.

34. Warranty

- 34.1. **Warranty:** Comprehensive onsite warranty for 2 Year from the date of installation of procured equipments. And paid comprehensive onsite warranty for next three years.
- 34.2. If any equipment gives continuous trouble, say 3 times in one month during the warranty period, the Bidder shall replace the same with new equipments without any additional cost to the purchaser.
- 34.3. If any manufacturing or other technical defects are found within the warranty period, the same will have to be replaced or rectified free of cost by the Bidder.
- 34.4. Maintenance service: Free maintenance services shall be provided by the Bidder during the period of warranty.
- 34.5. In case, Bidder is not providing satisfactory support & doing unwarranted delay in providing warranty support, Government offices reserves right to repair the equipment at risk & cost of the Bidder.
- 34.6. The Bidder / System Integrator will be required to co-ordinate with software vendor and / or do liasioning with other service provider to achieve the end-to-end connectivity. This also includes Server OS configuration with respect to LAN/WAN technologies implementation.

35. Penalty Clause

35.1. Penalties for delay in delivery and installation:

- a) If the Bidder fails to deliver and install the requisite hardware and software within 120 working days of the issue of the confirmed purchase order, then a sum equivalent to one percent 1 % of the total contract value shall be deducted from the payment for each calendar week of delay or part thereof.
- b) The amount of penalties for delay in delivery and installation shall be subject to a maximum limit of 10% of the total contract value.
- c) Delay in excess of 15 weeks will be sufficient to cause for termination of the contract. In that case the Performance Bank Guarantee of the Bidder will be forfeited.
- d) In case, the selected Bidder does not supply the ordered items for any reason, he will be liable to pay the difference amount to the purchaser, over and above the Performance Guarantee, which indenter departments\Boards\Corporations have to pay to the next or other selected Bidder for purpose of the said items.

35.2. Operational / Warranty period Penalties:

a) During warranty period, if the complaint is not resolved within 48 hrs the penalty of Rs. 500 per day for Security Gate Antenna System, Self Check out Station, Smart Card Printer, Book Return Station and within 72 hrs for Handheld Reader & Staff Station Reader, penalty of Rs. 300 per day will be levied. However, if the complaints not resolved within 7 days then from 8th day to 14th day, penalty would be levied @ 150% and from 15th day onwards penalty @ 200% of the above rates would be

- levied. The amount of penalty will be recovered from the Performance bank guarantee during warranty period.
- b) In case an item is not usable beyond the stipulated downtime the Bidder will be required to arrange for an immediate replacement of the same till it is repaired. Failure to arrange for the immediate repair/replacement will be liable for penalty of Rs. 500 per day for Security Gate Antenna System, Self Check out Station, Smart Card Printer, Book Return Station and Rs. 300 per day for Staff Station Reader and Handheld Reader will be levied. The amount of penalty will be recovered from the Performance bank guarantee during warranty period.
- c) Successful Bidder should submit the Performance Bank Guarantee @ 4% of total order value for the duration of 63 months as per Tender requirements. In any case, Bidder is required to maintain 3% PBG at all time during the period of contract. In case of any penalty claimed from the submitted PBG during the contract period, the successful Bidder is required to submit the additional PBG of the amount equal to the penalty claimed for the duration up to the validity of original Bank Guarantee..
- 36. **Payment:** Payment for Goods and Services shall be made by Purchasing Department in Indian Rupees as follows:
 - 36.1. No advance payment will be made.
 - 36.2. 80 % payment after successful delivery of the ordered goods.
 - 36.3. 20% payment will be made after installation of the ordered goods and completion of the user's operational training.
- 37. Indira Gandhi Institute of Technology, Sarang reserves the right to change any Tender condition of any item even after inviting the Tenders, with/without prior notification.
- 38. Indira Gandhi Institute of Technology, Sarang Right to accept any Tender and to reject any or all Tenders INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG reserves the right to accept or reject any Tender, and to annul the Bidding process and reject all Tenders at any time prior to awarding the Contracts, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for such decision.
- 39. The Tender quantities are estimated based on the receipt of the requirement from Indenting Department. The quantities may decrease up to 50% of the Tender quantity or increase up to 30% of the Tender quantity at the time of finalization, depending upon the change in the requirements/grants available with the purchaser, which shall be binding to the Bidder.
- 40. **Limitation of Vendor's Liability:** Vendor's cumulative liability for its obligations under the contract shall not exceed the contract value and the vendor shall not be liable for incidental, consequential, or indirect damages including loss of profit or saving.
- 41. All correction/addition/deletion shall require authorized countersign.
- 42. Force Majeure Shall mean and be limited to the following:
 - a) Fire, explosion, cyclone, earthquake, flood, tempest, lightening or other natural physical disaster;
 - b) War / hostilities, revolution, acts of public enemies, blockage or embargo;
 - Any law, order, Riot or Civil commotion, proclamation, ordinance, demand or requirements of any Government or authority or representative of any such Government including restrictive trade practices or regulations;
 - d) Strikes, shutdowns or labor disputes which are not instigated for the purpose of avoiding obligations herein, or;
 - e) Restrictions imposed by the Government or other statutory bodies which prevents or delays the execution of the order;
 - f) Any other circumstances beyond the control of the party affected;
 - The BIDDER shall intimate Purchaser by a registered letter duly certified by the local statutory authorities, the beginning and end of the above causes of delay within seven 7 days of the occurrence

and cessation of such Force Majeure Conditions. In the event of delay lasting over two months, if arising out of causes of Force Majeure, Purchaser reserves the right to cancel the order.

Delivery & Installation period may be extended due to circumstances relating to Force Majeure by the Purchaser. Bidder shall not claim any further extension for delivery & installation or completion of work. Purchase shall not be liable to pay extra costs under any circumstances.

The BIDDER shall categorically specify the extent of Force Majeure conditions prevalent in their works at the time of submitting their Tender and whether the same have been taken in to consideration or not in their quotations. In the event of any Force Majeure cause, the BIDDER shall not be liable for_delays in performing their obligations under this order and the delivery dates can be extended to the BIDDER without being subject to price reduction for delayed deliverables, as stated elsewhere.

It will be prerogative of Purchaser / Indira Gandhi Institute of Technology, Sarang to take the decision on force major conditions and Purchaser decision will be binding to the Bidder.

- 43. **Liquidated Damages:** Timely delivery is the essence of contract and hence if the Supplier fails to deliver Goods within the original/extended delivery periods (s) specified in the contract, the Institute will be entitled to deduct/recover the liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 1% per week or part of week of delayed period as pre-estimated damages not exceeding 5% of the contract value without any controversy/dispute of any sort whatsoever.
- 44. The Clarifications must be submitted in writing to Indira Gandhi Institute of Technology, Sarang at least 10 days before the Tender submission date. Thereafter the clarifications received from the Bidders will not be entertained.
- 45. All the required documents Technical Portion, Financial Portion and Demand draft for EMD, Tender cost May be placed in separate sealed envelopes super scribing the name of the relevant portion will be kept in one big Envelop and to be sent in the below mentioned address.

Submission of Proposals after due time period will not be accepted.

The Technical Tenders will be opened on dt **20/02/2025 at 11.00AM** at Indira Gandhi Institute of Technology, Sarang in the presence of the committee members (if present) and representatives of the Bidders, who have submitted valid Tenders. Only one representative from each Bidder will be allowed to attend the tender opening. The representative will be held responsible for all commitments made on behalf of the Bidder and that will be considered valid for all further dealings related to this tender process.

Please address all queries and correspondence to

Indira Gandhi Institute of Technology, Sarang,

Attention: Librarian I/C,

At - Indira Gandhi Institute of Technology, Sarang

Po- IGIT Sarang District- Dhenkanal State- Odisha Pin – 759146

Email: centrallibraryigit@igitsarang.ac.in

Mob- +91-9937418434

Scope of Work

Modernization of Indira Gandhi Institute of Technology, Sarang Central Library

Introduction:

Indira Gandhi Institute of Technology, Sarang has decided to introduce Radio Frequency Identification RFID System in Central Library in its efforts towards further automation of the library system.

Equipment & Tools for Self-Service:

Use of RFID technology for tagging the items, self-Issue/Return Kiosks, Handheld reader; Smart Cards System & Accessories.

Implementation of RFID based Circulation Services

- Supply and Implement RFID Hardware using NCIP V2.0 /SIP2 protocol
- Installation of Middleware Application for E-GRANTHALAYA already installed in the Library.
- Tagging RFID labels on Books on stock
- Pasting of Paper stickers SIR Labels on RFID Tags
- Training of Library staff on using RFID system effectively
- Training on International Standards and Best RFID based Library Practices recommended by NISO

Note:

- ➤ All the RFID components chosen for complete solution should be conform to NISO guide lines for use of RFID in Libraries and ISO 15693 / ISO 18000 3, ISO14443A or MI fare in accordance with equipment. All systems must be compatible with Global RFID ISO standards .
- Modularity, Expandability and Upgrade ability in the overall system configuration should be open.
- The Maintenance Support Equipment required installing and Maintain the RFID System Shall be available in India always and provided by the vendor. Bidder shall demonstrate that the resources infrastructure exist which are required to provide robust pre and post-sales support to RFID Project.
- ➤ Bidder should fully accountable for the performance of all components of the supplied RFID equipments.
- Bidder might be required to show demo of the hardware with E-GRANTHALAYA using NCIP protocol at Indira Gandhi Institute of Technology, Sarang, and Central library before the final order is placed.
- > Supplied hardware should have proven compatibility with E-GRANTHALAYA.
- The Bidder will have to train library staff at least 10 for key functions like, circulation, technical services, system administrator and public services for using of all equipment.
- All training should be performed by vendor at institute premises and trained personnel should be placed in the institute for running, maintaining the hardware, software for the period of warranty.
- The Library requires interaction with the vendor sales staff and technical support staff during installation planning, the installation phase and follow-up immediately after such installation.
- Introductory operator / user / staff training shall be provided at no extra charge.
- Middleware Warranty: Patches and service pack releases must be supplied at no additional charge to the Library within the warranty period.

- > Service technicians should be fully trained, factory authorized and certified by the manufacturer to perform services.
- > Technical support via email should be provided to the library free of cost.
- > Service technicians should be equipped with parts normally required to service the equipment and reduce downtime.
- > Failure of vendor to meet specified standards may result in termination of service contract.
- Warranty and Service requirements apply to both Standard and Optional system components.
- ➤ Hands on Training on site and Manual/Guide: Training for handling of RFID, RFID Tagging and fixing on documents, troubleshooting training. Complete write-up/manual/guide for operation and handling of RFID equipments. Training to be given to all library staff working on various library operations.

<u>Sd/-</u>

Dt18/01/2025

DIRECTOR IGIT Sarang

SECTION III

Minimum Technical Specification (To be submitted along with the Technical bid)

Item No. 1: Library Staff Station			
Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation If any
Read/Write/Anti-theft programming should be done in one s operation	ingle		
Read/Write distance of Up to 30 cm and programming time of up second	to 1		
Should be ISO/IEC 14443A, 15693 and ISO 18000-3 compliant			
The programming station should interface with the Lik Management Software using NCIP V2.0/SIP2 protocol	orary		
Should be a single reader to read RFID Book Tag & member s card.	mart 02		
Software Login should happen through staff smart card			
NCIP V2.0/SIP2 compliant software interface integrated with ILM	S for		
all operations like patron card personalization, check-in. check renew etc of library circulation.	-out,		
Device should be USB Powered			
Operating Frequency: 13.56 MHz			
Reader & Antenna Should be in single housing			

tem No. 2: RFID Handheld Portable Reader			
Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation, If any
 The portable handheld reader and the required accessories must be a cordless, one-piece design, to be held in one hand. Android 9.0 or above The total weight of the portable handheld reader must be less than 1 Kg., including battery, RFID reader, antenna and computing unit, and any other components that must be carried by the user. The portable handheld reader must use an anti-collision algorithm that does not limit the number of tags, which can be simultaneously identified and read. The proposed portable handheld reader must accommodate data collection simultaneously with other functions. The proposed portable handheld reader must have an audible tone and visible indicators to verify item has been identified. The handheld reader should include memory of at least 16GB Operating Frequency: 13.56 MHz Read Range: Upto 30 cm 	01		

Item No	Item No. 3: Two EAS Pedestals Library Security Gate – 1.5 mtr				
	Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation, If any	
	Security gate should include two theft detection pedestals which have an overlapping protection zones providing additional security. Provision to directly integrate CCTV camera for photo capturing and sharing the same over the email on immediate basis Notifying & listing all accession numbers of unissued/unauthorized books passing through Gate Antenna system It is planned to install these pedestals at a single location in the library. It should have multi line infrared motion sensors to detect library footfalls and in-out numbers. The system software shall be able to provide all the statistics of the gate, including the people counter and the list of items which generated an alarm. It should have minimum 1.5m distance between two pedestal Operating Frequency: 13.56 MHz Communication Interface: Ethernet	01		u.y	

Item No. 4: Self Check In and Check Out Kiosk Station				
	Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation, If any
	RFID Reader and Antenna with multiple Read/Write facility 17" or higher LCD/LED Touch Screen Monitor using 3M Capacitive Technology Branded Small Form Factor CPU with Windows 10 or higher Single RFID Reader supporting multiprotocol to read patrons smart card based on ISO 14443A & RFID Book tag based on ISO 15693 both. Communication interface — Ethernet The Self Checkout station client software should interface with the ILMS Software using NCIP V2.0/SIP2 giving following features: Check in / out / Renewal Transaction Status Transaction Printout Provision to add Fingerprint/Face recognition Book Search facility in form of OPAC screen should be Available. Provision for display of reservations done by a user. Provision of enquiry of checkouts against a user and its due date. Provision for enquiry of fine against a user Auto adaptation of screen resolution by application software Operating Frequency: 13.56 MHz	01		

Item No. 5: S	mart Cards – Pre-Printed			
	Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation, If any
prep	smart cards should be 1kb Mifare compatible cards with rinting on both sides design to be approved by Department			
> The S	Smart Card must be ISO 14443-A compliant	5000		
> The s	smart card must be for multipurpose use by the library users.	3000		
➤ 1k by	rte EEPROM			
➤ Uniq	ue serial number			

>	16 securely separated sectors supporting multi- application		
\triangleright	Each sector consists of 4 blocks with a length of 16 Byte		
>	2 x 48-bit keys per sector for key hierarchy		
>	Access conditions free configurable based on 2 level key hierarchy		
>	Number of single write operations: 100,000		

Item No. 6: RFID Book Return Intelligent Trolley			
Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation, If any
 These shelves are to be used by the patrons for returning of loaned books Number of shelves 4. Real time check in should be processed through NCIP V2.0SIP2 The patrons should not have to go through any process for returning the loaned Books. They have to just place the books in the intelligent shelves for return of the books and these returned books should get updated in the library Should hold approx. 80-100 books. It should have Industrial PC having Touch screen display to show the books returned. Should be compatible to RFID frequency 13.56MHz. The shelves should have EAS/AFI functionality. Possible to return multiple books at once. 	1		

	Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation, If any
	The RFID chip used in the tag should have been designed specifically			
	for Library use. i.e. it should have three sections o Lockable section for item identification			
	• Re-writable section for library specific use			
	• Security function EAS/AFI for item anti-theft which can be			
	activated and deactivated ,			
	• The RFID chip should have multi read function, i.e. several tags can			
	be read at the same time			
\triangleright	Tag size should be 80mm x 50mm with at least 2048 bits memory,			
	multi-read and antitheft	70000		
\triangleright	Tags should be fully ISO 15693/18000-3 compliant			
	Other features: detection rate of the system should be above 95%			
	consistently regardless of the number of items that are in the field			
	Mechanical Dimension			
	• Transponder coil size 76x46 mm ± 0.5mm			
	• Transponder die-cut size 80 x 50 mm ± 0.2 mm			
	Electrical characteristics			
	Operating frequency 13.56 MHz			
	Memory atleast 2048 bits R/W EEPROM			

Item No	tem No. 8 : Institution Labels				
	Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation, If any	
A A A A	Good quality self adhesive labels of following specification: Good quality smooth face Label printed with Name and logo design to be approved by Department Size: 100 mm X 100 mm or bigger Strong permanent adhesive, which does not leach into the paper of the book	70000			

Item No. 9 : Smart Card Printing Solutions				
Item Minimum Specifications	Qty.	Matched/ Not Matched	Deviation, If any	
Sided Printing: Double				
Resin Thermal Transfer				
➤ 300 dpi				
26 seconds per card / 138 cards per hour YMC with transfer	1			
Accepts CR80 card size	1			
Ethernet / USB Interface				
With Printer Ribbon 20 Pieces, Cleaning Kit 1 Piece, Web Camera 1 Piece, Pen Table 1 Piece & Card Printing Software 1 Piece.				

Item No. 10 : Integration Module / Middleware Features				
	Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation, If any
>	Client Software should be Integrated with existing Integrated Library Management Software ILMS using NCIP V2.0/SIP2			
>	Dashboard – Library usage statistics			
>	Tagging / Re-tagging after proper online validation of the title / member records from ILMS database			
>	Tag monitoring by accessing item record from ILMS database			
>	Provision to restrict issue of reference books			
>	SMS/email/Print configurable for all users individually			
>	NCIP V2.0 /SIP2 compliance			
>	Retagging option for re-registration of books & patrons			
>	Check out /Check-in/Renewal			
>	Remote shutdown/restart for Kiosk & Book Drop	01		
>	Provision of enquiry of checkouts against a member and its due date	01		
>	Provision for details of fine against a member			
>	Provision of Auto login to staff station using registered smart card			
>	Provision of Circulation rights assignment to multiple users			
>	Provision to block the circulation transactions if a member's fine exceeds configurable limit			
>	Provision to perform Auto Check-in of books so that large quantities			
	of books can be checked in quickly			
>	Provision to block the members to prevent circulation operations			
>	Provision of Various reports should be available like tagged items,			
	registered members, circulation transactions etc. filtered by the operator, RFID client, etc.			

>	Provision to generate report of unissued items detected at gate		
	system and capturing their photo through CCTV and sharing the same		
	with library staff by email		

Item No. 11. RFID Digital Entry Reader			
Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation, If any
 Read/Write programming should be done in one single operation Read/Write distance of Up to 5 cm Auto exit if card not shown while exiting the library Should be ISO/IEC 14443A compliant The reader should interface with the ILMS using NCIP V2.0/SIP2 protocol Multiple readers can be connected as a part of the systems Various reports available as per requirement Operating Frequency: 13.56 MHz Wall mounting enabled Provision to integrate with Door lock & other third party door access systems Cut off time configurable for auto exit feature 	01		

Item No	o. 12. RFID Smart Card Registration Reader			
Item M	inimum Specifications	Qty.	Compliance Yes/No	Deviation, If any
>	Read/Write/Anti-theft programming should be done in one single operation			
>	Read/Write distance of Up to 5 cm and programming time of 1 second			
>	Should be fully ISO/IEC 14443A, 15693 and ISO 18000:3 compliant			
>	The programming station should interface with the Library Management Software using NCIP V2.0/SIP2 protocol			
>	Integrated with reader for patron ID Card based ISO/IEC 14443A Mifare Plus to read for circulation			
>	Integrated with reader for patron ID Card based ISO/IEC 14443A Mifare Plus for personalization of data into the ISO/IEC 14443A Mifare Plus passive contact less 1Kb smart card in the pre-defined location in the memory The details of memory location in smart card will be provided at appropriate time	01		
>	NCIP V2.0/SIP2 compliance software interface integrated with integrated library management software for all operations like patron card personalization, check-in. check-out, renew, reserve etc of library circulation			
>	Operating Frequency: 13.56 MHz			

Item No. 13. Tagging Job Work			
Item Minimum Specifications	Qty.	Compliance Yes/No	Deviation, If any
 RFID Tag & Sticker to be pasted in same process ISO 28560 standard followed for tagging Registration of books / DVDs to be done in single process Data validation & Retrieving the Book from the shelf and returning the same to the Specific shelf after processing as per Library standards for all Book entries. 	70000		

SECTION IV

FINANCIAL TENDER FORMAT (To be submitted along with Financial Bid)

Sr. No.	ITEM	Quantity In Nos.	Unit Price with 1 Year Warranty In Rs. Without tax	Total Price with 1 Year Warranty In Rs. Without tax	Rate of Tax %
A	В	С	D	E=C*D	F
1	Library Staff Station	2			
2	RFID Handheld Portable Reader	1			
3	Two EAS Pedestals Library Security Gate	1			
4	Self Check Out Kiosk Station	1			
5	RFID Smart Cards	5,000			
6	RFID Book Return Intelligent Trolley	1			
7	Self Adhesive RFID Tags for Book	70,000			
8	Institution Labels	70,000			
9	Smart Card Printing System includes Card Printer, web Camera, Pen tablet, Card printing Software, Full Color Ribbon 20 pieces, and 1 piece Cleaning Kit	1			
10	Integration Module / Middleware Features	1			
11	Digital Entry Register Reader	1			
12	RFID Smart Card Registration Reader	1			
13	Job of Tagging Books	70,000			
	GRAND TOTAL				

Note:

> The Bidder shall explicitly mention the applicable rate of tax.

SECTION V

Tender Processing Fees & Earnest Money Deposit Details

Sr. No.	ltem	Amount In Rs.	Name of the Bank & Branch	Demand Draft No.
1	Tender Processing Fees			
2	Earnest Money Deposit E.M.D.			

ELIGIBILITY CRITERIA

To be submitted in Technical bid. Financial strength of the Bidder

Financial Year	Turnover Rs. In Crores	Audited Accounts uploaded? Yes/No
2021-22		
2022-23		
2023-24		
Grand Total		

Note: Please fill this form and submit the Audited Annual Accounts / Balance Sheet along with Profit & Loss Account for the last three financial years.

Warranty Support & repairing cum replacement service up to delivery locations

Sr. No.	Address	Contact Person	Contact Nos.	Type of supporting document attached
1				
2				
3				

Note: Please fill this form and provide the supporting documents.

Experience Details, Customer References

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

Note: Please fill this form and submit the supporting documents for each customer reference. Failing the same may lead to the rejection of the Tender. You may add the customer references by adding multiple rows which may be added by "NUMBER OF ROWS TO ADD".

Authorization Letters

Sr. No.	ltem	Qty	Make & Model	Supporting Document Submitted Yes/No
1	Library Staff Station	2		
2	RFID Handheld Portable Reader	1		
3	Two EAS Pedestals Library Security Gate	1		
4	Self Check Out Kiosk Station	1		
5	RFID Smart Cards	5,000		
6	RFID Book Return Intelligent Trolley	1		
7	Self Adhesive RFID Tags for Book	70,000		
8	Institution Labels	70,000		
9	Smart Card Printing System includes Card Printer, web Camera, Pen tablet, Card printing Software, Full Color Ribbon 20 pieces, and 1 piece Cleaning Kit	1		
10	Integration Module / Middleware Features	1		
11	Digital Entry Register Reader	1		
12	RFID Smart Card Registration Reader	1		

Note: Please fill this form and provide the OEM Authorization Letter in scanned format.

Make & Model List

Sr. No.	ltem	Qty	Make & Model	Supporting Document Submitted Yes/No
1	Library Staff Station	2		
2	RFID Handheld Portable Reader	1		
3	Two EAS Pedestals Library Security Gate	1		
4	Self Check Out Kiosk Station	1		
5	RFID Smart Cards	5,000		
6	RFID Book Return Intelligent Trolley	1		
7	Self Adhesive RFID Tags for Book	70,000		
8	Institution Labels	70,000		
9	Smart Card Printing System includes Card Printer, web Camera, Pen tablet, Card printing Software, Full Color Ribbon 20 pieces, and 1 piece Cleaning Kit	1		
10	Integration Module / Middleware Features	1		
11	Digital Entry Register Reader	1		
12	RFID Smart Card Registration Reader	1		

Note: You may quote only one option against any item.

Performa of Compliance letter/Authenticity/ of Information provided/ Non Black listing certificate

On Letterhead of Firm

		Date:	
То,			
Sub: Compliance with the tender terms and co	nditions, specificatio	ons and Eligibility C	riteria
Ref: Tender for Supply, Installation and Com Indira Gandhi Institute of Technology, Sarang		based Library Syst	em for Central library of
Dear Sir,			
With reference to above referred tender, < <designation of="" signatory="">>, is authorized to g</designation>	_	_	
We wish to inform you that we have read and the above mentioned Tender submitted by us o		nnical specification	and total requirement of
We hereby confirm that all our quoted items with specifications mentioned in the Tender doc		requirement and	are absolutely compliant
We also explicitly understand that all quoted items meet technical specification of the Tender & that such technical specification overrides the brochures/standard literature if the same contradicts or is absent in brochures. We also declare that our firm << name of the Firm>> has not been blacklisted by any authority during the last 10 years. In case of breach of any tender terms and conditions or deviation from Tender specification other than already specified as mentioned above, the decision of INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG Tender Committee for disqualification will be accepted by us.			
The Information provided in our submitted Tento be false or incorrect, you have right to repPBG/cancel the award of contract. In this event the right to take legal action on us.	ject our Tender at	any stage includin	g forfeiture of our EMD/
Thanking you,	Dated this	day of	YYYY
	Signature: In the Capacity of Duly authorized to s		

Performa of Contract-cum-Equipment Performance Bank Guarantee

To be stamped in accordance with Stamp Act

Ref:	Bank Guarantee No. Date:
To Name & Address of the Purchaser/Indenter	
Dear Sir,	
In consideration of Name & Address of the Indira Gandhi Instit to as the OWNER/PURCHASER which expression shall unless include successors, administrators and assign	repugnant to the context or meaning thereofs having awarded to M/s having Principal Office at
Hereinafter refer unless repugnant to the context or meaning thereof include executors and assigns the supply of	de their respective successors, administrators, by issue of Purchase Order No

The Bank undertakes not to revoke this guarantee during its currency without previous consent of the OWNER/PURCHASER and further agrees that the guarantee herein contained shall continue to be enforceable till the OWNER/PURCHASER discharges this guarantee. OWNER/PURCHASER shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance by the SELLER of the aforementioned CONTRACT. The OWNER/ PURCHASER shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the SELLER, and to exercise the same at any time in any manner, and either to enforce to forebear to enforce any covenants contained or implied, in the aforementioned CONTRACT between the OWNER/PURCHASER and the SELLER or any other course of or remedy or security available to the OWNER/PURCHASER.

The Bank shall not be released of its obligations under these presents by any exercise by the OWNER/PURCHAER of its liability with reference to the matters aforesaid or any of them or by reason or any other acts of omission or commission on the part of the OWNER/PURCHASER or any other indulgence shown by the OWNER/PURCHASER or by any other matter or things.

any security or other guar	antee that the C	OWNER/PURCHAS	ER may have in relation to the Seller's liabilit	ies.
Ru	peeshall be extended	d from time to tim	iability under this Guarantee is restricted and it shall remain in force up to and it for such period as may be desired by the S	including
whose behalf this guarant	tee has been giv	en.		
Dated at	on this	day of	YYYY.	
Signed and delivered by	-			
For & on Behalf of	-			

The Bank also agree that the OWNER/PUCHASER at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against the SELLER and not withstanding

Name of the Bank & Branch & Its official Address

CONTRACT FORM (To be signed in Non-Judicial stamp Paper after award of the Tender)

THIS	AG	REEMEN'	T made							, YYYY		tween
Durch	acar	horoina	fter "the									itry oj Name
										einafter call		
		er part :				_ /	•	, , , , ,			•	•
WHE	REAS	the	Purchas	er is	desirous	that	certain	Goods	and	ancillary	services	viz., Brief
										ne supply of		ds and
Figure	ces ir es he	i the sum ereinafte	r called "t	the Cont	ract Price in	Words	and Figure	es" hereina	fter cal	led "the Co	<i>rice in Word</i> ntract Price	
NOW	THIS	S AGREEN	ΛΕΝΤ WIT	HNESSE	TH AS FOLL	OWS:						
1					and expres			e same m	eanings	as are resp	ectively ass	signed
2			lowing do	ocument	s shall be	deemed	d to form	and be r	ead an	d construed	d as part o	of this
		2.1	the Tend	er Form	and the Pri	ce Sched	dule submi	tted by the	e Bidde	r;		
		2.2	terms an	d condit	ions of the ⁻	Гender						
		2.3	the Purch	naser's N	lotification (of Awar	d					
3					payments nereby cove		nade by t	he Purcha	ser to	the Supplie	er as herei	nafter
4					ovide the go			and to rem	nedy de	fects therei	n in conforr	nity in
5		and ser	vices and payable	I the rer	medying of	defects	therein, t	he Contra	ct Price	of the provise or such of in the mann	ther sum a	s may
6				_	and servic	es whic	h shall be	supplied	/ prov	ided by the	Supplier a	are as
TOTA	L VA	LUE:										
DELIV	/ERY	SCHEDUI	LE:									
			•		reto have o t above wri		his Agreer	ment to be	e execu	ted in acco	rdance with	າ their
Signe	d, Se	aled and	Delivered	d by the								
Said _						For the I	Purchaser					
In the	pre	sence of				-						
Signe	d, Se	aled and	Delivere	d by the								
Said _						For the S	Supplier					
In the	pre	sence of										

Annexure-1

Criteria for Evaluation of the BID (Marks will be awarded in proportion to the requirements as mentioned in tender)

Technical Part Scoring:

S	Sl	Firm	Name	OEM/	Annua	Experience/	Equipment	Presen	Number of	Total
	No and Address		dracc	Authoriz	I Turn	as per	as per	tation	Clients- 20	
'	NO	and Address		ed	over	requirement	Specification	of the		
				Dealer	Mark	Mark – 15	provided	propos		
				Mark –	- 15		Mark – 20	al		
				10/8				Mark –		
								20		
			·							

Financial part Scoring

SI No	Firm Name and Address	Price quoted	Marks	100	for	L1	and
			proportioned for other				

Composite Score (Technical 70% + Financial 30%)

SI No	Firm Name and Address	Technical score 70%	financial score 30%	total	position

SD/-DIRECTOR