



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित
सैक्टर 81, नॉलेज सिटी, पी. ओ. मनोली, एस. ए. एस. नगर, मोहाली, पंजाब –140306
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI
Sector-81, Knowledge city, P.O.-Manauli, SAS Nagar Mohali-140306, Punjab
PAN NO. - AAAAI1781K GST No. 03AAAAI1781K2ZS

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CPPP/Institute Website

IISERM (1380)20/21-Pur

Dated :28th July 2020

E-EXPRESSION OF INTEREST (EOI)

Online tenders are invited on behalf of Director, IISER Mohali in **TWO BID SYSTEM** for **Supply, Installation, Testing & Commissioning of RFID Based Electronic Security System for Institute Library** from reputed companies/firms/ individuals/ societies etc. Those are in the similar business at CPPP i.e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app>& Institute website www.iisermohali.ac.in.

-sd-

(Mukesh Kumar)

Assistant Registrar (P&S)



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E-EXPRESSION OF INTEREST(EOI)

Tender Ref.- IISERM(1380)20/21-Pur	Dated : 28 th July 2020
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Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	28 th July 2020	6:00pm
2.	Tender Document download start Date & Time	28 th July 2020	6:00pm
3.	Bid Submission start Date & Time	28 th July 2020	6:00pm
4.	Pre-Bid Meeting (TENTATIVE)	11 th August 2020	11.30 am
5.	Bid Submission End date and Time	27 th August 2020	Upto 11:00am
5.	Tender opening Date and Time	28 th August 2020	At 11.30 am
6.	Date and Time for Presentation and Live Demo	Will be intimated to the Firms those who have qualified in Techno-Commercial Bid: However Live Demo / Presentation will be held on Firm's own cost.	

Online tenders are invited on behalf of the Director, IISER Mohali in **TWO BID SYSTEM** for following item(s) from the original manufacturer/supplier at CPPP i.e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app> & Institute website www.iisermohali.ac.in. **ONLINE PAYMENT** of Tender fee of Rs 590/- (Non-refundable) and EMD of Rs.50,000/- should be submitted by DD /Banker Cheque/FDR/ Bank Guarantee in favour of the Registrar, IISER Mohali payable at Mohali **OR** to be submitted by Name & Branch: Canara Bank Saving Account Number: 4790101001912 IFSC Code CNRB0004790 in favour of **The Registrar, IISER Mohali** payable at Mohali. However, scanned copy of the both tender fee and EMD [Original UTR Receipts] should be upload on website along with technical bid part. The hard copy of the same in original to be send to the address mentioned below duly superscribing the supply/work name and reference/ tender ID on the envelope and same must reach before opening the bid and if not received within due date the bid will be rejected summarily.

The Original EMD and tender fee should be sent to:

Assistant Registrar (P&S)
Indian Institute of Science Education and Research, Mohali
Sector 81, SAS Nagar, Mohali, Punjab, India, Pin: 140306

Non-receipt of original EMD and tender fee will lead to rejection of tender.

Indian Institute of Science Education and Research (IISER) Mohali is an autonomous Institute established under Ministry of HRD, Government of India. The Institute would like to procure the **Complete RFID System on turnkey basis in the line of Supply and Installation of Scientific equipment** for which E-EOI are invited from the reputed & bonafide Manufacturers and Authorized Dealers /Distributors.

1. Eligibility:

- I. All RFID &EM Equipment including tapes and Tags should be from One Manufacture with ISO Certification. Provide certificate from Original Equipment Manufacturer (OEM), product should be verified / tested / approved by third party agency, no self-certification will be accepted.
- II. Complete supply, installation, commissioning, successful implementation of Hybrid system i.e Devices , tapes , Tags and integration with SIP2 or NCIP V2.0 Protocol complied with existing Library Management Software “Koha”.
- III. The bidder or bidder’s OEM or dealer must have supplied, installed, implemented, integrated and commissioned a complete RFID based library automation solution minimum in 2 academic libraries in India on LMS “ **Koha**”. The complete solution provided must include supply and installation of RFID & EM components, integration, development and operationalization of hardware & software components and RFID & EM consumables in an integrated manner.
- IV. RFID Manufacturer should be listed company in India / aboard and should have minimum turnover of 10 Crores Rupees in each of the last three years. Proof of the same is required to be produced.
- V. One time importers from China with custom made specifications are not accepted / highly discouraged and Institute will not accept any assembled hardware and software of any assembled items

2. The Bidders are requested to give detailed tender in two Parts i.e.

Part -I : Technical Bid

- I. Kindly submit brochures/leaflets etc. Techno-commercial part. Please indicate page nos. on your quotation. The technical offer should not contain any price Information.
- II. Experience: The Manufacturers equipment should have been deployed in at least 100 Libraries globally.
- III. **It is mandatory to enclose the list of Clients for the last Five years INSTALLTIONS along with details of Organization, contact person like name , designation, email, Mobile etc.,**
- IV. Bidder should have both technical and functional expertise for Open source LMS KOHA as well as development team and should be able to customize the open source software as per the client's requirements

Part -II: Price Bid:

- I. The Price Bid shall contain rates of the items. The price should be FOR Destination / FCA International Airport (in case of foreign manufacturer) and be quoted indicating the basic price, discount on basic price, taxes and duties as applicable.
- II. In case of any discrepancy in the rates indicated in the Price bid either in figures or words, the rates in words will be considered for evaluation.
- III. **IISER, Mohali will not be responsible for delay in submission/delivery of Tender Fee/EMD at wrong places.**

3. Instructions to Bidders:

3.a. If the bid is submitted by authorized dealer/ distributor for branded makes, a authorization letter from principals clearly indicating that the vendor is the authorized to sell and provide services for the items mentioned in the scope of supply given in tender documents shall be produced.

3.b. In case of Foreign quote, the address of Principal's / Manufacturer's and their Banker's details should be furnished along with certificate and also mention details of the sales service to be provided after expiry of warranty period.

3.c. In case of Indian agent of Foreign Manufacturer submits the tender, the agency should submit a copy of latest authority letter/agreement from the foreign manufacturer /principal. Such agreement/authority with the foreign manufacturers/principal should be a long- term agreement and not merely for the present tender. The Indian agent will provide details of post sales service and post contractual support i.e. repair, replacement, maintenance, supply of spare parts etc. that will carry out.

3.d Relevant document should be produced where the quoting party /Indian representative claims to be subsidiary or branch office or an authorized representative or principal foreign manufacturer /supplier in India,

3. e In case of Foreign / Indian manufacturer, supplied their product through Indian agent, then IISER Mohali would prefer to have agreements separately with Manufacturer and also with Distributor. The Parties shall enter into the agreement before releasing the payment.

3. f Purchase Orders if any, for identical equipment supplied and integrated with "Koha" to other IISERs /IITs/IIMs/NITs/Central Universities etc. for the preceding three years should be given together with the prices eventually or finally paid.

3.g The bidder should agree towards local customization and personalization (if any) of the proposed system during the implementation stage and also during warrantee period in order to ensure smooth functioning and to create user friendly environment.

3.h. Copy of GST/TIN No. and PAN No. allotted by the concerned authorities should be enclosed.

3.i Offers from Firms whose business activities are limited for procuring items from manufacturers, both Indian and Foreign and supplying the same to the IISER Mohali and having no after sales service backup will not be entertained.

3.j Vendor should have local office in Tri-city Chandigarh/ Mohali/ Panchkula with proper technical support team

3.k .While submitting the technical bid, the company must ensure that continued availability of adequate number of technically qualified service engineers for the installation and services and also "Koha" Software during the period of supply, installation and throughout the warranty period.

3.l It is necessary to provide names of service engineer who are posted in India; the service engineers should have been trained at Original Equipment Manufacturers (OEM's) own unit and have the required expertise

3. m It is in the interest of the tenderer to study the specifications in the tender schedule thoroughly before quoting so that, if the tenderer makes any deviations including latest versions(s), the same are prominently brought out in the body of the tender and their rates quoted separately. If you need to add any optional items to your system in order to meet our specifications, you are requested to quote for the total including the option required to suit our requirements; otherwise, your tender will not be considered at all.

3. n Year wise Annual turnover of Principal Manufacturer / Original Equipment Manufacturer for three years should be clearly indicated.

3. o Manufacturer / Distributor should not have incurred loss in any Financial Year for the last three Financial Year

4. Other Terms and Conditions:

- 4.a.** Tender in response to this invitation shall be submitted in Two Parts
- 4.b.** Tenderer (s) are requested to study the tender documents completely and ensure all documents, forms and Annexures to the tender are completely and correctly filled in, signed and stamped wherever applicable, all necessary literature, brochures and pamphlets have been attached and then to submit their offer.
- 4.c.** Incomplete tender documents shall be rejected straightway without any reference to the tenderer (s). Leaving any column blank or with cuttings /over writings will lead to rejection of the tender
- 4.d.** All pages of the tender document shall be invariably signed by the authorized Personnel and Company's rubber stamp affixed. Photocopies of all certificates shall be self-attested by the authorized personnel. There shall be no corrections or overwriting in the tender document.
- 4.e.** The makes/brand and name and address of the manufacturer, Country of Origin, and currency in which rates are quoted are to be clearly mentioned.
- 4.f.** In the case of consumable materials, the tenderer has to provide sample(s) and in the case of fabrication, prototype has to be provided by the tenderer
- 4.g.** In case of receipt of materials in damaged condition, the suppliers will have to arrange their placement of goods on free of cost. All expenses in this regard will be borne by the supplier.
- 4.h.** Period of delivery, Period of Warranty should be mentioned specifically. On Site Training charges (if any) be quoted separately.
- 4.i** IISER, Mohali reserves the right to accept or reject any bid in part or full without assigning any reason whatsoever. The Institute will not hold any responsibility for postal loss or delay of any bid.
- 4.j. Period of validity of bids:** Bids shall be valid for a minimum period of **180 days** from the date of opening of the Techno-Commercial Bid.
- 4.k** IISER Mohali is seeking the price for all items mentioned in the Bid. However may place order for all or nil or some to one or many Companies in its discretion
- 4.l.** The Company need to agree to supply part of the tendered items /parts immediately while installation as well as during warranty period and also will hold the rates for the period of one year during which the Institute at its discretion may order for remaining items and /or additional quantity of the ordered items
- 4.m. Delivery Period:** The required quantities of material have to be delivered , installed , tested and commissioned within 6 Weeks from the date of issue of the Purchase Order.
- 4.n.** One time importers from China with custom made specifications are highly discouraged. Bidder giving wrong information or supply on specification/documents /equipment will be black listed for a period of 5 years
- 4.o.** In case of INR bids the price quoted should be on F.O.R., IISER Mohali. Govt. Levies like excise duty, GST, octroi, WCT etc., if any, shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, Excise Duty, GST etc.

- 4.p. Being an Educational and Research Institute IISER, Mohali is exempted to pay full Custom Duty vide Govt. Notification No.51/96-Customs dated 23rd July, 1996 for scientific and Research equipment.
- 4.q For imported items the agency commission payable to Indian Agent may be indicated. Agency commission will be paid in INR after satisfactory commissioning and acceptance of the item.
- 4.r. **EMD:** The Techno-commercial Bids must accompany a crossed Demand Draft / Banker's Cheque/ Bank Guarantee / TDR of Rs.,50,000.00 (Rupees Fifty Thousand Only) drawn on any scheduled bank and payable at Mohali in favour of "Registrar, IISER Mohali" for earnest money or UTR Details of online payment of Tender FEE and EMD. No interest shall be paid on earnest money deposited. EMD of all bidders will be released after acceptance of the tender except successful bidder. EMD of successful bidder will be released only after supply and acceptance of the material/services.
- 4.s **Penalty for delayed supply and installation** : Time is the essence of the contract and the supplier shall pay or allow the Institute to realize the sum equivalent to 01(One) per cent of the total order value per week, subject to a maximum limit of 10% of the order value, as agreed compensation for delay for the period during which the supply and installation shall remain incomplete beyond the offered time of completion/execution or beyond the time duly extended in writing by the Institute. The Institute may deduct such damages from any money due to the supplier.
- 4.t. **Payment Terms:** For Indigenous items: 60% payment shall be made against satisfactory installation & commissioning, 30% of amount shall be released only after successful testing of system for three months of installation and commissioning and balance amount of 10% after completion of warranty period subject to submission of Security Deposit. of 10% in form of D.D. / B.G/through Online upto warranty period. Bank Guarantee from the Scheduled Bank.

If tenderer's quoted prices for any other institution/university/ government organization found less than our institution or discount to any other institution/university/government organization found more than our university/ institution, the rate contract will be cancelled and the firm will be put in blacklist.

- 4.u. **Guarantee / Warranty:** Except otherwise provided in the invitation to tender the Vendor hereby declares that the goods/stores/articles/equipment sold/supplies to the IISER Mohali under the Purchase Order shall be of best quality and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars mentioned/contained in the Purchase Order. If during the 60 months the said goods/stores/articles /equipment be discovered not to conform to the description and quality aforesaid or not giving satisfactory performance or have deteriorated and the decision of IISER Mohali in that behalf shall be final and binding on the vendor/and the IISER Mohali shall be entitled to call upon the vendor to rectify or replace the goods/stores/articles/equipment without charges or such specified period as may be allowed by the IISER Mohali in its discretion on application made thereof by the Vendor and in such an event, the above period shall apply to the goods/stores/articles/equipment rectified from the date of rectification / replacement mentioned in the warranty thereof, otherwise the vendor shall pay the IISER Mohali such compensation as may arise by reason of the breach of warranty therein contained.
- 4.v. **CMC of Equipment: After the warranty/Guarantee term is over, the firm should mention the charges of CMC at least for first three years.**
- 4.w. **Insurance:** The institute will not pay for any insurance charges against loss or damage incidental to manufacturer or acquisition, transportation, storage and delivery etc. The insurance shall be purchased by the bidder, naming the institute as the beneficiary, in an amount equal to the exact value of the Goods up to the installation at site on all risk basis, including war risks and strike etc. for

supply from India. If the supply is made from foreign, then insurance will be provided by the Institute.

4. x. Termination of contracts:-Time shall be the essence of the contract. The IISER Mohali shall have the right to terminate the contract without any notice in part or in full in any of the following;

- a) The delivery of the material is delayed for causes not attributed to Force Majeure after the scheduled date of delivery.
- b) The seller is declared bankrupt or becomes insolvent
- c) The delivery material is delayed due to causes of Force Majeure by more than reasonable time
- d) In case Performance Security is not furnished within the time period specified by the IISER Mohali
- e) Supply is not confirm to the specifications of the equipment being purchased.

5. Requirement in boarder line:

Scope of work: Includes complete supply, installation, tagging, testing, commissioning, successful implementation of RFID Devices and Tags and integration with SIP2 or NCIP Protocol complied existing Library Management Software “Koha”.

1. Hybrid Technology (RFID + EM) with integration of Koha”
2. Technology should be latest and Compliant with ISO standards
3. Tags / tape must provide security and inventory control functionality
4. The tags /tape must be re-writable and should have lifetime warranty
5. Tags should have Lockable Section, Re-writable section, Security function
- 6.RFID tags of several books should be read at a time
7. Smart card of patrons ISO 14443/15693/18000-3/28560 based on Mifare Cards
8. Smart Card Printer should be fully integrated with existing Koha software for direct printing from existing database
9. Smart Card should work with PIN, RFID and Barcode
10. RFID Staff Station should be multipurpose and compatible with WINDOWS & LINUX and should interface with Koha
11. Staff Station should read /Write from distance of around 35 Cms and Should be ISO 15693/18000-3/ Complaint
12. RFID Readers should read books at least distance of one mtrs
13. CCTV Integrate with RFID Features and Specifications for Surveillance camera
14. Integrated Self-Checkout /In Station (RFID) should generate slip after every transaction
15. Self circulation should be monitored by CCTV footage
16. Hand held reader for stock verification and tracing of misplaced books
17. Security System / Gates should read / detect and trigger alarm when reader passing with unissued book between two flaps of Laptop or below the laptop.
18. Security System / Gates should read / detect and trigger alarm when reader passing with unissued book by covering with Mobile or any hard objects which prevents technology to detect theft
19. Security System / Gates should read / detect and trigger alarm when reader passing through gates while keeping unissued book(s) in winter jerkins/ coats/ woollens/ Shirts etc.,
20. System should give email Alert to admin if any hardware failed either by SMS/ email.
21. Bidder should provide Backup of hardware supply if any hardware failed

22. Alarm should trigger, if either RFID tag or the Tattle Tape Security System indicates that the item is not issued (Double security Check)
23. The RFID tag should be a customized sticker with IISER Mohali Logo and library name.
24. Magnetic security strips that offer protection for each library materials, including magnetic media, with a -quality adhesive that will not degrade library materials. Desensitization completely to eliminate false alarms. Re-sensitizable to 100% signal strength for the highest level of security. Designed for hardcover and soft cover books. Strip is completely concealed.
25. Life time warranty on tags & Strips/tapes
26. Wheel Chair should pass through Security Gate. It can be dismantled and reassemble for shifting of furniture if possible without compromising security function of gate.
27. Suitable various types of I/O ports for connecting external devices such as webcam, CCTV, Locking the doors etc.
28. Supplier should give Maintenance / support to existing LMS “ Koha”.
29. Hardware / software should not OEM/ supplier specific / locked. Should be compatible with hardware & software of any brand in future.
30. Security gates should have both sound and light based Security Alarms. The alarm system should have flexible light in different colours.
31. In order to save energy, the gates should have sleeping mode and use minimal energy when there are no people passing through it and the gate should automatically come to active mode if any movement is detected between the gates
32. Gates must be capable of providing item security even when the LMS or network is off-line or not functioning.
33. Technology should be functional during electrical power breakdown
34. Staff station must have the capability to generate error / notifications for partially scanned or incorrectly scanned tags or Tapes
35. After mandatory warranty period, bidder should provide comprehensive AMC for at least 3 years. Longer period of AMC is preferable and will be considered if found yielding good VFM (value for money). Institute reserves the right to decrease the AMC period
36. Bidder should attend Complete Job work tagging, pasting, customization, Generation and printing of Smart Cards etc.,
37. Bidder should ensure the availability / back up of hardware components/parts.
38. **(Please specify rates for 3 years of CMC rates separately in BIQ with reasoning, if desired after your original period of Warranty) warranty / Guarantee & on-site maintenance of RFID System for Library, IISER Mohali**
39. **The Successful bidders will be required to furnish a Security Deposit with the Institute for the Warranty & CMC Period + 06 month of the 10% of the value of Contract**

A) **IMPORTANT NOTES:-**

- I. **The online updated Price BOO is in INR format. If bidder want to quote other than INR, please specify the quoted currency in the technical bid/part and fill the amount in same updated BOO.**
- II. **If quoted in foreign currency, kindly provide tentative weight of the shipment with dimensions.**
- III. **The Online bids should be submitted directly by the original manufacturer/Service Provider. If quotation is submitted/filled by any representative/agent/dealer then they must upload authority certificate from the principal company.**
- IV. **All MSME/NSIC/Startup Units shall be considered as per provisions/rules prescribed by Govt of India.**
- V. **Kindly do not quote end of life model. Spares should be available minimum period of 5 years for quoted models.**

B) **SUBMISSION OF TENDER**

- I. All bid/ tender documents are to be uploaded online at Central Public Procurement portal i.e. <https://eprocure.gov.in/eprocure/app> only and in the designated cover/ part on the website against tender ID. Tenders/ bids shall be accepted only through online mode and no manual submission of the same shall be entertained except tender fee and EMD. Late tenders will not be accepted.
- II. The online bids shall be opened at the office of the Assistant Registrar (P&S), IISER Mohali, on above given date and time. If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be attended on the next working day at same time and place. IISER Mohali will not be responsible for any error like missing of schedule date while downloading by the Bidder.
- III. The bidder shall upload the tender documents duly filled in and stamped by the authorized signatory on each and every page. Tender not submitted/uploaded in the prescribed form and as per the tender terms and conditions shall be liable for rejection.
- IV. The bidder shall upload scanned copy of the PAN Card, GST number duly signed and stamped. **Also bidders applying against ‘MSME/NSIC Certificate’ issued by appropriate Authority, should ensure that the certificate attached is relevant to the area of service/supply. For example, If the tender is for “supply & installation of Desktop” the certificate should be issued for activity/area of “Computer supply and services activities etc” otherwise bid will be REJECTED without notice.**
- V. E-procurement system ensures locking on the scheduled date and time. The system will not accept any bid after the scheduled date and time of submission of bid.

C) **INSTRUCTIONS**

1. The Online bids should be submitted directly by the original manufacturer/supplier, If quotation is submitted/filled by any representative/agent/dealer then they must upload a authority certificate from the principal company for quoting the price otherwise such quotation will be rejected.
2. The quantity mentioned in this inquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute. Before the deadline for submission of the online bid,

IISER Mohali reserves the right to modify the tender document terms and conditions. Such amendment/modification will be notified on website against said tender ID.

3. THE INSTITUTE IS EXEMPTED FROM CUSTOM DUTY under notification no- TU/V/RG/-CDE(1062)/201 CUSTOM DT.30.08.2016.
4. Tax: This Institute is not exempted from the payment of GST. The current rate (i.e. percentage of GST should be clearly indicated included or excluded) wherever chargeable. Please also provide/upload the copy of PAN card, GST number duly self-attested.
5. Validity of offer: 90 days. The warranty period after satisfactory installation should be mentioned and firm should replace all manufacturing defect parts/ whole item under warranty without any extra cost including clearance, freight, taxes. Security deposit/ Bank Performance Guarantee @ 10 % of the value of supply order as per norms may be sought from the firms.
6. The right to reject all or any of the quotation and to split up the requirements for itemized L-1 or relax any or all the above conditions without assigning any reason is reserved by the IISER Mohali. For any corrigendum and addendum please be checked the website <https://eprocure.gov.in/eprocure/app> and <http://www.iisermohali.ac.in>
7. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

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(Mukesh Kumar)
Assistant Registrar (P&S)