

**ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
BHUBANESWAR 751003**

Visit us at: www.ouat.nic.in

Tele : 0674-2392818/126

Email: chief librarianouat@gmail.com

No . 140 /CL, Date: 23.03.2019

NOTICE FOR EXPRESSION OF INTEREST

Sealed Quotations are invited from reputed manufacturers/authorized dealers having valid GST/PAN and Service Centers in India for supply, installation and commissioning of RFID in the Central Library of OUAT with different items as specified in the EoI. Interested firms have to download the required Documents from the official Website of OUAT at www.ouat.nic.in and submit the same along with the required papers as specified in the EoI. The last date for receipt of bids by speed post (India post) or by courier is 30/03/2019 up to 3.00 PM. For details of opening of bids, important information, terms and conditions, requirements etc. please refer to the EoI terms conditions available at www://ouat.nic.in.

**Sd/- Chief Librarian,
Central Library
O.U.A.T,
Bhubaneswar 751003**

EXPRESSION OF INTEREST FOR IMPLEMENTATION OF RFID IN CENTRAL LIBRARY, OUAT, BHUBANESWAR

The Orissa University of Agriculture and Technology, Bhubaneswar 751003 intending to implement RFID in Central Library invites bids from reputed and registered Library technologies support Agencies /Vendors for implementation of RFID in Central Library., OUAT

The following gadgets/ instruments with specifications are required for RFID system for the Central Library

RFID should be compatible with KOHA LMS which is being used for Library automation.

A) RFID STAFF STATION (QUANTITY -1)

i. The standard Staff Station will consists of an RFID-reader and an antenna, which can be placed on top or can be mounted under a table with following specifications.

- a. Operating Frequency : 13.56 MHz
- b. Operating temperature : up to 40 °C or higher
- c. Length power cable : 1.5 m
- d. Working voltage : DC 12 V
- e. Supply voltage : AC: 100V-230V, 50 Hz
- f. Storage temperature : -10 / +55 °C
- g. EAS-function : based on EAS-bits and AFI
- h. Power consumption : Max. 5 Watt
- i. Typical Dimensions (l x w x h in mm) : 140 x 105 x 29, Antenna- 348 x 255 x 20
- j. Communication Ports : USB/UTP
- k. IP Address : Static/DHCP

ii. The Staff Station should be of multi-purpose solution for reading / programming RFID library;

ii. RFID staff Station must be equipped with high speed thermal printer with auto slip cutter facility.

B) RFID SECURITY GATE (QUANTITY -1)

Following specifications of RFID Security Gate are required

- i. Chip Compatibility: ISO15693 (ISO 18000-3-Mode 1), NXP, I code SL1, SLI SLIX SLIS SLIXS
- j. Detection Range : Minimum 1.35 meter between two pedestals
- k. Communication ports : USB/UTP
- l. Certifications: CE/ FCC

C) SELF-CHECK IN/ OUT UNIT (QUANTITY -1)

i. Self-Check in/ Out Unit should be equipped with RFID enabled self-check in/out counter for patrons to perform check out/in functions even with existing barcode cards

ii. It should consist of Integrated high speed Thermal Kiosk Printer and LCD Touch Screen Monitor

iii. The Self-Checkout station client software should interface with Library Management Software giving features like, check out / Check in / Renewal, Transaction Printout.

vi. It should be compatible to integrate with KOHA on cloud. Certificate from KOHA vendor is required to be attached along with quotation.

- vii. Unit should be connected through NCIP/SIP2. NCIP be implemented as it is commonly accepted by Libraries.
- viii. Self-check in/out kiosk should support minimum 3 languages with facility to change the language on the screen using simple touch by user. The languages supported are Hindi, English and local language (Odia).

D) RFID TAGS (for books)- (Quantity: 30000 Nos.) To quote the rate for one tag per book

- i. RFID Tag will have a read / write memory in combination with an anti-theft function.
- ii. The Tag will be applied to library items including books especially in a hidden manner
- iii. The unique identifier of the item/book should be required to be written in tag's memory e.g. the barcode
- iv. The tags should be self-adhesive and paperbacked
- v. RFID tags with at least the following specification are required to be supplied
 - a. Operating Frequency: 13.56MHz
 - b. Dimensions (in mm) : 80 x 50 (LxW) (+/- 10% deviation)
 - c. EAS-function: Based on EAS- bits and AFI

vi. RFID Tags are required to be pasted on holdings of OUAT Central library [preferable in hidden manner (Quantity: 30000 Nos.). In addition, 1000 spares tags are also to be supplied.

E) RFID HAND HELD READER (Quantity -1)

- i. It should perform scanning, weeding and searching functions with Microsoft® Windows® Embedded CE6.0.
- ii. It should be provided with Lithium Battery with a life of 30 Hours in single charge.
- iii. It should be able to Identify for both Bar Code & HF RFID Labels.
- iv. It will be supplied with Desktop Charging cradle with USB connection.
- v. It should be compatible to communication with standards like WLAN or USB.
- vi. The portable handheld reader will have touch screen display and use a removable memory card. It must process shelf lists, search lists, and pull lists for programming onto memory card. It should also provide a means for updating the software on the portable handheld reader.

F. SMART CARDS: For 4000 Users (To quote rate per one Smart Card)

- a. Dimensions : 85 × 54 × 0.84mm (3.3 × 2.1 × 0.3in)
- b. Case material : PVC
- c. Operating Temperature : -10°C to +50°C
- d. Operating frequency : 860-960MHz
- e. Supported standard : EPC global Class 1 Gen 2; ISO 18000-6C
- f. Read distance : Up to 10m / 32.8ft
- g. Chip type : UCODE G2XM
- h. Memory : 240-bit EPC; 64-bit TID; 512-bit programmable user memory
- i. Functionality : Read/Write
- j. Data retention : >10 years

G. SOFTWARE: (WEB Version) and integration with Koha LMS

The software which should be purely web centric, hybrid and should communicate between LMS Koha with RFID Hardware. All the transactions done by the RFID Components should be drained to Koha's Database in real time by the middleware software. The software should be developed in hybrid system. The software should act as per the circulation rules created in Koha ILMS.

General terms and condition for RFID Hardware

1. A plan containing schedule for various steps involved in the implementation should be submitted.
2. All existing bibliographic as well as Patron data will be ported to software.
3. SIP2 protocol should be provided free of cost.
4. The work of installation, commissioning and training to library staff at site should be completed in fifteen days from the date of issue of purchase order.
5. Future up gradation plan and cost of software implementation as and when major software upgrades are released should be mentioned in the offer.
6. Software CDs, user guides, manuals, etc. if any, will be supplied at the time of completion of implementation.
7. It should support multiple libraries/sites without any additional cost or new software.
8. Supplier/ bidder will demonstrate the function of crucial equipments like Security Gates, Self Check out /in counter, intelligent trolley with Info column, etc at the site Library.
9. Bidder will be fully responsible for standard integration using SIP2 and NCIP protocol with LMS and the performance of all components of the RFID equipments and materials being supplied and installed. Any malfunction/defective materials should be replaced free of cost during the warranty period.
10. If any middle ware is used to connect the RFID system to LMS, this should be user installable and configurable. This would need to be demonstrated and training should be imparted for the same. The middle ware should not modify the LMS database. Any up-gradation of LMS should not require any changes in the Middle ware and Library should be free to update its LMS as and when upgrades are available without any effect on RFID.
11. It should be possible to install the software / Middleware for tagging on any number of computers or laptops. The tagging process should be independent and we should be able to install the software on laptop/s to take the RFID station and laptop to stack area for ease of tagging.
12. If any middle ware is used it should have separate servers for all the equipments to ensure that there is no single point of failure.
13. The supplied Staff Station should operate on the LMS Screen only no new GUI should be introduced.
14. The supplied staff station should have provision for programming multiple items of the same lot as appendices. I.e. if there are 4 items in a lot it should program with the same accession number along with appendices for e.g. Accession number 1/4, Accession number 2/4, Accession number 3/4, and Accession number 4/4. The programmed accession number would need to be the same as the item accession number and this needs to be demonstrated on notepad / excel or word.
15. The programming of accession number needs to be done in any open international standards like Danish, NBD etc.
16. RFID Staff Station should also allow using KOHA/LMS as interface for Check-in/ Checkout/Renewal as front end and RFID application as back end

TERMS AND CONDITIONS OF IMPLEMENTATION OF RFID

Implementation and Training for two days for the library staff.

One year Support of RFID will be provided by the service provider.

Support services includes maintenance of hardware/software, trouble shooting of operational problems, technical problems, unlimited off site support through-mail/telephone/remote long in, onsite visit by the staff as per requirement.

Software updates during the period of contract.

Online ticket system for smooth support service.

Payment will be made after completion of the work with a certificate for successful operation of the RFID system. Time of completion is one month from the date of order.

TERMS AND CONDITIONS OF EXPRESSION OF INTEREST:

1. Only empanelled firms registered with Govt. of Odisha or other state Govts/Govt. of India are eligible to participate in the EOI.
2. The firm should have PAN, GST clearance Servicer Tax Certificate.
3. OUAT reserves the right to revise the terms and conditions as and when needed and also can reject any or all the bids without assigning any reason thereof.
4. All offers and communications should be in English only
5. The hard copy of EOI document available with the Chief Librarian, Central Library, OUAT, Bhubaneswar.
6. The decision of the Committee of the Central Library for RFID , OUAT, Bhubaneswar in respect of EOI shall be treated as final and binding.
7. The bids should have enough broad variables for comparison of technical aspects.
8. Prior to submitting the bids, the bidders need to discuss with indenters about the requirement and visit the site of execution and submit bid accordingly.
9. Each part of bid (technical & financial) along with all required documents has to be put inside separate sealed envelope with clear mention overleaf about name and address of interested parties, the type of EOI for which bid has been submitted. Both the sealed envelopes have to be put inside another sealed envelope with clear mention of the name and address of the interested parties, EOI for which bid has been placed inside.
10. The sealed envelope must show the name of the interested party, his address and should be subscribed as “**EOI for supply, erection and commissioning of RFID**”.
11. The bids (technical & financial) should be addressed and submitted to the **Chief Librarian, Central Library, OUAT, Bhubaneswar** on or before 30/ 03/ 2019 up to 03.00 p m. and will be opened in the Central Library, OUAT, Bhubaneswar 751003 on 30.03.2019 at 3.30 pm in the presence of the interested parties or their authorized representatives as may be desired as per the date and time mentioned earlier. Interested parties or their authorized representative should submit ID proof and authorization letter before entry into the Committee Room for participation

in the Opening of EOIs failing which they will not be allowed to be present in the opening of EOI Bids.

12. EOI bid (both soft and hard copy) should be sent by SPEED POST/COURIER.

13. EOIs shall be fully in accordance with the requirements of the terms and conditions and accompanied with the technical specification, detailed leaflets and make attached there to. Incomplete EOIs will be rejected. Telegraphic EOIs will not be accepted.

14. Submission of more than one EOI by a particular party under different names is strictly prohibited. In case it is discovered later on that this condition is violated, all the EOIs submitted by such parties would be rejected or contract cancelled and earnest money deposit forfeited.

15. The rates and the conditions of the offer will remain valid for one year from the date of contract by OUAT or till the next rate contract is formed, whichever is earlier.

16. After submission of the bids, no change or alternation of the terms and conditions, quote price will be acceptable on any account.

17. EOIs submitted with over writing or erased or illegible rate/rates will be rejected.

18. Request from interested parties in respect of addition, alternation, modification, correction etc. of either terms or conditions or rate after opening of the bid may not be considered

19. Interested parties shall carefully examine the terms and conditions of the EOI document and submit an undertaking with authorized signature indicating that they are submitting bid/s by accepting all terms and conditions laid down in this EOI document.

20. In case, a party finds discrepancies in or omissions from the specification or other document or would thereby any doubt as to their meaning should at once notify the Chief Librarian, Central Library, OUAT, Bhubaneswar and clarification in writing. This however, does not entitle the interested parties to ask for time beyond the due date fixed.

21. While, EOIs under consideration, interested parties and their representative or other interested parties are advised to refrain from contacting by any means to the purchaser personnels or representatives on matter relating to the EOIs under study.

22. Submission of sealed EOI will carry with the implication that the interested parties agree abide by all the conditions laid down in this EOI.

23. The purchaser, if necessary will obtain clarification on EOIs by requesting such information from any or all the interested parties either in writing or through personal contact as may be necessary.

24. The undersigned reserves the right to reject any EOI on the basis of Technical Bid or accept any EOI for a better Technical specification than published in the EOI document.

25. In case any EOI is rejected on the basis of Technical Bid, the Financial Bid corresponding to that EOI will not be opened by the committee and would be returned as such to the interested parties.

26. The Chairman, Purchase Committee, Central Library, OUAT, Bhubaneswar, reserves the right to call for price negotiation of any item, if the price found to be in higher side. In such cases all the technically qualified parties of such item shall be called for price and terms and conditions negotiation as desired.

27. Interested parties violating any guidelines shall be liable for rejection.

28. The rate contract of a particular item does not give guarantee that the item shall be purchased. Purchase shall be made as per the requirement and fund availability.

29. The quoted price inclusive of all taxes and levies for erection, installation and commissioning of RFID including payment of all the taxes related to this, should be within the rate fixed by the Govt. of Odisha/ MIDH, Govt. of India.

30. GST: Odisha University of Agriculture and Technology is a reputed public funded, nonprofit educational institution committed for imparting quality education and skill in the field of agriculture and allied sciences in the state having valid DSIR Certificate. Accordingly GST rate should be calculated.

31. TDS: If the supplier makes intra-state supply (i.e., charges under CGST and SGST in the invoice), TDS shall be made @1% under CGST and 1% under SGST, totaling to 2%. But if the supplier makes inter-state supply (i.e., charges tax under IGST in the invoice), TDS shall be made @2% under IGST.

32. DISCOUNT: Our institution is a non profit, non commercial pioneer institution in the field of teaching, research and extension in the Agricultural and allied fields. As such we are availing price discount for purchase of equipment's/instruments, etc. The maximum rate of discount on each equipment/instruments may also be indicated in the EOI specifically.

33. SUPPLY: Incomplete/ Part supply is not allowed. No trans-shipment is allowed. The supply will be made to the place of destination. No advance payment can be made. The materials intended would be delivered by the supplier to such indenting Departments/ located at Bhubaneswar without any additional cost. Any components, fittings etc. which may not have been specifically mentioned in the EOI specifications but are usual and necessary for successful installation and demonstration shall be supplied by the parties at no extra cost.

34. The cost of article damaged in transit or found short at the time of delivery will be deducted from the bill of the firm, in case the firm does not replace of receipt of complaint over post, email, phone or fax.

35. In case any firm supplies goods of inferior quality which is not in conformity with the approved specifications, the entire stock supplied by the firm will be rejected and the purchaser will not be responsible for any loss sustained by the interested parties on that account.

36. The articles against all the indents placed by the indenting officer must be supplied in one lot within the period specified in the indent, failing which the earnest money deposit will be forfeited.

37. Conditional offers and offers qualified by such vogue and indefinite expression as “subject to immediate acceptance”, “subject to prior” will not be considered.

38. The Committee has the right to cancel any bid (technical or financial) without assigning reason thereof.

39. AFTER SALE SERVICE: The manufacturer or their authorized dealer (with written permission the manufacturer) should also sign an agreement with the indenting official in Rs.100.00 court stamp paper to be borne by the bidder) in presence of Magistrate/Notary regarding after sales conditions at the time of supply, else payment shall be held up till such agreement is signed and the cost involved shall be borne by the manufacturer or supplier. During the warranty period, the supplier shall attend to the problems reported by the users of OUAT on a priority basis. For any problem reported, the supplier shall attend within 2 days and rectify the problem within a week. In case of any major breakdown during the warranty period, the supplier will make all necessary arrangements to replace/rectify the supplied parts within two week of the complaint. Complaint on any problem will be informed through phone or mail number given by the supplier.

40. In case the items supplied are not found up to the specification and rejected, the supplier should be intimated to take back his stock at his own cost within 3 days from the date of rejection and to replace the same within a week failing which the cost there of will be recovered from his pending bills.

41. The supplier shall be responsible for releasing the item from carrier/transporters. The item shall be delivered and installed at the respective place of indent.

42. Payment: Full payment of contract price/billing price shall be paid for supply, erection and commissioning of the system up to the satisfaction of the indenter.

43. Penalty: In the event the compliance are not attended to and rectified as per prescribed time under clause after sales service the supplier will be liable to a penalty @ 0.5 % of the purchase cost of the item per day till the equipment is brought to functional condition.

44. Right to accept/rejection of EOIs: The right of acceptance of EOI and/or awarding contracts rests with the purchaser. The purchaser shall also reserve the either to reject or accept any/or all EOIs, split the orders between different EOIs. The purchaser has exclusive right to alter the quantities of materials at the time of placing the final purchase order.

45. Settlement of dispute: Suits, if any arising out of the contract shall be filled by either party in a court of law to which the jurisdiction of the High Court of Orissa extends.