

SEALED TENDER NOTICE

Sealed tender is hereby invited as per the schedule annexed to this notice on behalf of the Director, Zoram Medical College from reputed and bonafide Manufacturers/Authorised Dealers for “**Radio Frequency Identification (RFID) Equipments**” (to be compatible with KOHA Software) which will be received by the Director, Zoram Medical College, Falkawn, Mizoram on or before **25.10.2024 upto 12:00 Noon** . Tenders are to be opened by the Bid Evaluation Committee under the chairmanship of Director, Zoram Medical College (ZMC), Falkawn, or his authorized representatives at **1:00 PM** on the same day. The Tenderers or their representatives may also be present at the time of opening of the Quotations, if they so desire. Tender Documents can be obtained from the Office of the Director, ZMC, Falkawn on all working days or downloaded from the department’s website zmc.edu.in. Fee for tender documents is fixed at Rs. 500/-.

Terms & Conditions

1. Tenders shall be submitted in duplicate and accordingly marked “**Original**” and “**Duplicate**” as the case may be on the cover of the envelope. The outer cover of the tender shall be super scribed as “**Radio Frequency Identification (RFID) Equipments**” addressed to the Director, Zoram Medical College, Falkawn, clearly indicating full postal address with fax no. of the tender/sender.
2. Tenders should be submitted in the prescribed **FORM-1** (enclosed) only which can be obtained from the office of the Director, Zoram Medical College, Falkawn, Mizoram on working days or the Department's website alongwith tender receipt.
3. Tenders shall be accompanied with the Earnest Money Deposit of 5% of quoted value in the form of Demand Draft/Deposit at Call in original, from any Nationalized Bank of India or Postal Saving Certificate duly pledged in favor of Director Zoram, Medical College, Falkawn which will be released after completion of supply/installation and in case of firms who are not awarded supply, the EMD will be released within 2 months or earlier.
4. If the successful bidder fails to execute the supply within the specified terms or withdraws his bid within the validity period of the bid, the Earnest Money Deposit shall be forfeited. Earnest Money Deposit of successful bidder shall be returned on receipt of Performance Security and the Earnest Money Deposit shall not carry any interest.
5. Manufacturers submitting their tenders directly shall attach photo copies of their Manufacturing Licence, CIN (Corporate Identity Number) and other relevant permissions/licences required for such manufacturing duly attested by a Gazetted Officer or Notary. Original Certificates shall be produced at the time of opening of the tenders/quotations, if demanded.
6. Tenders received from firms and individuals who are not authorized dealers but only authorized to quote on behalf of the manufacturer or dealer shall be accepted. Authorized dealers shall attach Authorization or Distributorship or Dealership, as the case may be from the concerned manufacturers. A Gazetted Officer or Notary, however, shall duly attest such photo copies. Original Certificate shall be produced at the time of opening of the tenders/quotations, if demanded.

7. Quoted rates in terms of Indian Rupees will be considered inclusive of Goods and Services Tax (GST). If there is more than one brand, the separate rates for such brands with specific details should be mentioned.
8. Warranty period should be mentioned clearly and availability of After-Sale-Services facilities during warranty period.
9. F.O.R. destination is Zoram Medical College, Falkawn.
10. Tender must be accompanied by the following documents:-
 - a) *Photo copy of GST Registration Certificate duly attested by a Gazetted Officer. Original Certificates should be produced at the time of opening of the tenders/quotations, if demanded.*
 - b) *Photo copy of Scheduled Tribe Certificate duly attested by a Gazetted Officer or Notary (for Tribal tenderer). Original Certificates should be produced at the time of opening of the tenders/quotations, if demanded.*
 - c) *Non-Judicial Adhesive Stamp worth at least Rs. 7.50 should be affixed (for Non-Tribal tenderer).*
11. The tenderer should submit Attested or Notorized Photo copy of valid and upto date GMP Certificate/ISO.
12. After sales service should be provided and tenderers should clearly indicate the length & duration of providing after sales service.
13. Tenders must enclose detail specifications of the items. They must also enclose relevant documents including catalogue /literature of the quoted items.
14. Tenders submitted should be valid for a period of 90 days.
15. 100% payment of goods will be done after successful completion of supply and installation.
16. The Department reserves the right to reject any quotation based on the inflation of price quoted compared to local market rates.
17. The Department also reserves the right to commute the quantity or increase the quantity of goods regardless of the quantity indicated in the tender documents as per Rule 54(1)(2)(3) of the Mizoram Public Procurement Rules, 2020.
18. As prescribed under Rule 49(1)(a)(b)(c)(d) of the Mizoram Public Procurement Rules, 2020, the Department will have the right to reject any bids or to annul the bidding process and reject all bids.
19. All bidding process is subjected to Rule 15 of the Mizoram Public Procurement Rules, 2020.

Sd/- SANGCHHIN CHINZAH, IAS
Chairman,
Procurement Committee
& Secretary, H & FW

Memo No.D-37016/3/2022-ZMC/PRO

Dated Falkawn, the 1st October, 2024

Copy to:-

- 1) P.S. to the Secretary, H & FW, MINECO, Aizawl.
- 2) P.A. to Director, ZMC, Falkawn.
- 3) Registrar, ZMC, Falkawn.
- 4) Deputy Director (Accounts), ZMC, Falkawn.
- 5) OSD-cum-Procurement Incharge, ZMC, Falkawn.



(Dr. JOHN ZOHMNINGTHANGA)
Member Secretary,
Procurement Committee
& Director, ZMC

**SUPPLY OF“RADIO FREQUENCY IDENTIFICATION (RFID) EQUIPMENTS”
(To be compatible with KOHA Software)
ZORAM MEDICAL COLLEGE, FALKAWN**

FIRM/AGENCY PROFILE

1. Name of Firm/Agency: _____

2. Name of Proprietor : _____

3. Address of Firm : _____

4. Pin Code : _____

5. Contact No. : _____

6. Email : _____

7. Bank Account Details:

Name of A/c Holder : _____

Name of Bank : _____

Name of Branch : _____

Account Number : _____

IFSC CODE : _____

MICR CODE : _____

8. Name(s) of products/company in which dealership or authorization is obtained.

Date:

Signature:

Place:

Company seal:

**List of “Radio Frequency Identification (RFID) Equipments”
(To be compatible with KOHA Software)**

1) RFID Staff Reader for the Circulation Desk- 1 no

- 1) The RFID Staff station should be placed on top of the circulation table for easy circulation process thereby providing staff with a fast and efficient solution to programme and verify RFID tags
- 2) The staff station should be able to read multiple books up to a height of up to 25 cm.
- 3) The staff station antenna should be fully shielded and should have a concentrated reading area. i.e., it should only read items that are placed on it. It should not read items that are in the vicinity.
- 4) The staff station should be aesthetically designed using Plexiglas.
- 5) The staff station should allow circulation related activities like issue, return and renewal to be performed directly on the LMS and also provide tag programming capabilities, taking around five seconds per item to complete.
- 6) The staff station should have a facility to connect with the LMS without using SIP2 or NCIP.
- 7) The staff station should have options to be used with multiple items of mixed media, placed on the antenna at any time.
- 8) The vendor should provide OEM software for the staff station at no additional charges, which is to be installed on existing PC, running Microsoft Windows (W7 / W10 32/64 bit).
- 9) The circulation software should be able to process tags programmed in more than 30 different data models and more than 20 extended fields.
- 10) The staff station should have the functionality to tag and program the RFID labels without the need to be integrated with the LMS.
- 11) The staff station should be able to verify multiple RFID tags placed on the work station.
- 12) The staff station should comply to ISO 28560.
- 13) The staff station should be compact and should not be more than the following dimensions (w x d x h): 350 mm x 300 mm x 20 mm
- 14) The staff station should not weigh more than 1.5 Kg
- 15) The staff station should not consumer more than 30 W of power.
- 16) The staff station should support plug and play and connect to the Library PC via USB.
- 17) The staff station should support 240V ac/50Hz.
- 18) The RF Power output should be 1.2 Watt
- 19) The staff station should support the 13.56MHz frequency.

2) Security Gate Antenna System- 1 no

- 1) The gates shall be fabricated in solid Plexiglas.
- 2) External devices, such as CCTV and/or barriers can be connected.
- 3) The system incorporates visual and audible alarms.
- 4) The visual alarm can be configured to flash corridor specific or give a full system alert.
- 5) The audible alert has a variable alarm pattern and adjustable volume.
- 6) The system detects direction specific and can be configured for incoming, outgoing and Bi-directional.
- 7) The gates shall incorporate a people counter based on radar technology.
- 8) The gates have an integrated LED display for diagnostic information and counts.
- 9) The integrated LED display shows incoming, outgoing and Bi-directional people counting information.
- 10)The system incorporates an energy saving function that can remain in a low energy state until the people counter detects movement.
- 11)The system shall provide full 3D detection from 0 to 110cm.
- 12)The system shall obtain optimal detection performance at a pedestal distance of 110cm.
- 13)System shall read up to 8 tags per second in all 3 directions.
- 14)System shall be built on a master – slave principle with up to 7 pedestals in one single system.
- 15)All electronics, i.e. readers, multiplexers are built into the pedestals, there are no external devices.
- 16)The gate supports multiple RFID data encoding models simultaneously.
- 17)The system provides multiple gate installation up to 30 gates.
- 18)The system provides an optional Baseplate for easy install available for single or dual gate installations.
- 19)The **antenna**’s shall have the following dimensions H 1798 x W 690 cm for optimal detection.

3) RFID Tags with Anti-Theft Stickers for book tagging-1 no

- 1) Standards: ISO 18000–3, ISO 15693, ISO 28560-1, CE, S10716 & ISO 9706 from TÜV SÜD PSB
- 2) RFID tags must have operating frequency of 13.56MHz
- 3) Should be delivered in 1,500 units per reel
- 4) Operating Temperature: -25 °C to 70 °C / -13 °F to 158 °F
- 5) Storage Temperature: 18 °C to 26 °C / 64,4 °F to 78,8 °F

- 6) Storage humidity: 50 +/-10% rel. non condensing
- 7) RFID should have dimensions- 81 x 49 (LxW) mm
- 8) Memory should have 2.5k bits user memory, with self-adhesive backside
- 9) Should be water resistant and flexible enough so as to be able to bend or crease.
- 10) Should have minimum delivery yield of 97%.
- 11) Should have Lifetime Warranty, data retention of 50 years
- 12) RFID tags should have the capability to provide over 100,000 read/write operations
- 13) Should have NXP ICODE SLIX2 processor
- 14) Should have inbuilt Aluminum antenna
- 15) The operating temperature of the RFID Tags should be -40°C to 85°C.
- 16) All the RFID Tags should have undergone accelerated aging test at 85°C and at 85% humidity for 15 weeks which includes performance testing.

4) RFID Installation & Training : Should Provide Two days Training