

NOTICE INVITING TECHNICAL SPECIFICATION FOR RFID LIBRARY AUTOMATION

This is to invite technical specification (Both hardware and software) for RFID Library automation in the library of Govt. Degree College Paloura as this college desires to automate library and seek to incorporate below mentioned items in the library.

1. Server

- a) Which has centralized data storage and management.
- b) Which enables smooth operation of KOHA LMS and other digital services

2. KOHA LMS(Library Management System)

- a) A KOHA software which is open source cost effective system for cataloging, circulation and inventory
- b) It also improves book tracking, reduces manual errors and streamlines Librarian tasks.

3. LAN Networking with Power Source Points

- a) Need LAN Networking which ensures reliable connectivity between system server and user terminals.
- b) It should also facilitates seamless data flow within the library infrastructure

4. Online UPS with Battery Bank

- c) Requires for uninterrupted power supply.
- d) It will ensure safeguarding equipment and data during power outages.

5. **All in one Computer:** They should be High performance systems for running LMS, data entry and Public access.

6. **Data Entry of Books in LMS:** it includes digitalization of the Library catalogue and also it will enhances discoverability and organization of books.

7. **Classification of Books:** Classification should be done for systematic subject-wise arrangement of books for easy placement and retrieval.

8. **Bar-coding, Location, Shelving:** it will enables fast and error-free book tracking and placement. It will also reduces chances of misplaced or lost items.

9. **Bar-code Hardware and Consumables:** Requires for printing of labels and lamination. It should be cost effective and easy to maintain.

10. **Smart Cards:** Smart cards should be provided for personalized access for students/staff and it will enhances user identification, tracking and circulation History.

11. **A.I Entry exit System:** It should track entry/exit and also provides analytics on footfall, peak hours and user behavior.

Keeping in view above requirement of the college, experts in the field are requested to provided proposals incorporating technical specification as well as other necessary requirements essential for automation of library within 07 days so that the college may finalize the specification, based on received proposals.