

“Quotation for Supply, Installation and Implementation of RFID Tags, RFID Handheld Reader and Self Check-in/Check-out Library App” indicating the Enquiry Number, Enquiry Date and Due Date, addressed to:

Coordinator, Central Store, COEP Technological University, Pune – 411005.

5. Payment shall be released only after successful supply, installation, configuration, integration, testing, commissioning and satisfactory acceptance of the complete RFID and Self Check-in/Check-out Library System by the University.
6. The bidder shall clearly mention the Make, Model, Technical Specifications and detailed features of the offered RFID Tags, RFID Handheld Reader and Self Check-in/Check-out Library App.
7. Quotations received after the prescribed due date and time shall be summarily rejected.
8. Liquidated Damages (LD): In case of delay in supply, installation, configuration or implementation, LD shall be applicable as per Government/University norms:
 - a) For Purchase Orders below 2.00 Lakh:
 - 0.5% of PO value per week or part thereof
 - Maximum 10% of PO value
 - b) For Purchase Orders of 2.00 Lakh and above:
 - 0.5% of PO value per week or part thereof
 - Maximum 5% of PO value
9. Submission of the manufacturer's/product catalogue/brochure for the quoted RFID Tags and RFID Handheld Reader is mandatory. The bidder shall also submit complete details/brochure of the proposed Self Check-in/Check-out Library App.
10. The offered RFID Tags, RFID Handheld Reader and Self Check-in/Check-out Library App shall conform to the specifications mentioned in Annexure-A. If the offered system does not meet the required technical specifications or is found inferior to the specified requirements, the quotation shall be liable for rejection.
11. Annexure-A forms an integral part of this enquiry. Compliance with all the technical specifications mentioned therein is mandatory. Non-compliance with any essential specification may lead to rejection of the quotation.
12. The following self-attested documents shall be enclosed along with the quotation:
 - Shop Act License / Incorporation Certificate / Firm Registration Certificate
 - PAN Card
 - GST Registration Certificate
 - Manufacturer’s Authorization Letter, wherever applicable
 - Product Catalogue/Brochure
 - Technical Compliance Sheet

- Details/Brochure of Self Check-in/Check-out Library App
 - Details of previous similar work/orders, wherever applicable
14. The successful bidder shall be responsible for supply, installation, configuration, integration, testing, commissioning and satisfactory functioning of RFID Tags, RFID Handheld Reader and Self Check-in/Check-out Library App at COEP Technological University, Pune.
 15. The bidder shall be responsible for training our staff for proper RFID Tagging of Library Books/Resources as instructed by the University. Each RFID Tag shall be uniquely mapped with the corresponding book/resource record.
 16. The RFID Handheld Reader shall be capable of reading/scanning the RFID Tags and shall support the required library inventory, verification, searching and related functions.
 17. The bidder shall provide a Self-Check-in/Check-out Library App/System for enabling authorized users/library members to perform self-service check-in and check-out of library books/resources through the RFID system.
 18. The Self Check-in/Check-out Library App shall provide, at minimum, the following functionality:
 - Self-check-out of library books/resources.
 - Self-check-in/return of library books/resources.
 - RFID-based identification of books/resources.
 - Identification/authentication of the user/library member.
 - Integration with the existing Library Management System, wherever applicable.
 - Automatic updating of transaction/status information in the Library Management System.
 - Display of successful/unsuccessful transaction status.
 - Provision for handling transaction errors.
 - User-friendly interface.
 - Transaction records/logs for check-in and check-out activities.
 - Facility for authorized library staff to monitor/verify transactions.
 19. Integration with Existing Library System:

The bidder shall be responsible for integration of the RFID system and Self Check-in/Check-out Library App with the existing Library Management System/software of the University, wherever technically feasible and as required by the University.
 20. The bidder shall provide all necessary software, configuration, integration support, drivers, utilities and other components required for successful operation of the proposed system.
 21. The bidder shall provide necessary installation, configuration, testing, demonstration and training to the concerned University/Library staff for operation and maintenance of the RFID and Self Check-in/Check-out system.

22. The bidder shall ensure accuracy of RFID tagging, data mapping and transaction processing. Any discrepancy attributable to the bidder shall be rectified by the bidder at no additional cost.
23. The RFID Tags supplied shall be new, unused, durable and suitable for library books/resources. Any defective, damaged or unreadable RFID Tag shall be replaced by the bidder at no additional cost.
24. COEP Technological University reserves the right to increase or decrease the quantity of the quoted items as per its requirements. The bill shall be prepared and paid at the finalized rates, irrespective of the actual quantity ordered.
25. The bidder shall provide all required manpower, tools, equipment and technical support necessary for RFID tagging, installation, configuration, integration and implementation of the complete system, unless otherwise specified by the University.
26. The University reserves the right to inspect, verify and test the RFID Tags, RFID Handheld Reader and Self Check-in/Check-out Library App before acceptance. The bidder may be required to provide a sample/demo of the proposed system at the University premises.
27. **Warranty:**
- The supplied RFID Handheld Reader, RFID Tags and related hardware/software components shall be covered under a minimum three (03) Year Comprehensive Warranty/Support from the date of successful installation, commissioning and acceptance by the University.
- During the warranty period, the supplier shall repair, replace or rectify any defective hardware/component/software issue attributable to the supplied system at no additional cost to COEP Technological University, Pune.
28. **Software Support:**
- During the warranty/support period, the bidder shall provide necessary technical support, bug fixing, troubleshooting and required software updates/patches for the Self Check-in/Check-out Library App at no additional cost, wherever applicable.
29. The bidder shall maintain confidentiality of all library, student/member, inventory and institutional data accessed during implementation of the system. Such data shall not be shared with any third party without prior written permission of the University.
30. The bidder shall be responsible for satisfactory functioning of the complete RFID and Self Check-in/Check-out system during the warranty/support period.
31. The Registrar, COEP Technological University, Pune reserves the right to accept or reject any or all quotations, wholly or partly, without assigning any reason whatsoever. The decision of the University shall be final and binding on all bidders.

Sd/-
Registrar
COEP Technological University Pune

ANNEXURE-A

Technical Specifications: - Scope of RFID Handheld Reader, RFID Tag & Self Check-in/Check-out Library App

Sr. No	Specification	Qty
1.	RFID Tags	50,000
Specification: Size: HF RFID Tags size 49x81 mm paperbacked with self-adhesive. - Application For the application on library items, available in different size and shapes for different materials. Use in Combination with a RFID system to identify and secure library items. Programming: For the use RFID tags need to be programmed with a compliant data model. The Data Model To be shared with the Institute. - IC Specifications IC Protocol: ISO/IEC 15693, ISO 18000-3, ISO 28560 ISO Typical: Frequency 13.56 MHz Chip: NXP I Code SLIX2 User Memory: 2560 bits Please Note we are looking for only NXP SLIX2 RFID Tags vendors to quote for only this. The Tags would be verified using the NXP App.		

2.	Self-Check in Check out Library App Annual Subscription per year	1 Year
Specification: University to provide SIP2 access on the Library Management System - Module Self-Check in Check out using either RFID Check-out/in or Barcode Check out/in - Should communicate with LMS through SIP2 - Self-Check-in will be allowed only in a predefined area with library. - Self-Check-out will be available within all the areas of the library. - Should be available on Google Play store and Apple store - The library app will have branding. - The app will indicate the due date - The app will show the loans on the patron's name at any given time. - The app will show if any fines pending. - The app should allow the patrons to update their profile with photo of their choice. - The app will show the patrons ID in barcode. - The app should show receipts of all transactions done on the app with date and time along with book details.		

3.	RFID Hand Held Reader	Qty-1
Specification: • APPLICATION Inventory list generation Item search functions Circulation Status update Security status update AFI/EAS Audio / Visual Alerts WiFi Client/Access point modes • POWER Charger input 100/240VAC 50/60Hz Output Current 1.2A @12.44VDC Standard battery 3060mAh Li-Ion Transmit power – Standard 1.5W Boost 4W 8 Hours working time in standard mode 7 Hours working time in boost mode • DIMENSIONS 460mm x 260mm x 27mm Antenna thickness 1.5mm Weight 600g • MATERIALS Plastic ABS/PC Colour RAL 9004 / RAL 7047 GENERAL Operating Temperature 0 to 40°C Storage Temperature -25 to 55 °C 13.56 Mhz ISO15693 / ISO18000-3 Mode 1 30 Transponders per second read speed • CERTIFICATIONS ETSI EN 300 330 (EM emission) FCC 47 CFR part 15 RSS 210, Issue 8 EN 301 489 CE marked		

Note: The bidder shall clearly mention the Make, Model and detailed specifications of the offered RFID Handheld Reader, RFID Tags & Self Check-in/Check-out Library App and shall attach the relevant product catalogue/brochure.

Authorized Signatory of Supplier: - _____

Name: _____

Designation: _____

Firm Name & Seal: _____

Date: _____