

**Jamia Hamdard (Deemed-to be-University)
(HAMDARD NAGAR, NEW DELHI- 110062)**

Tender Notice

Sealed tenders are invited under two bid systems for Supply, Testing and Installation of Radio Frequency Identification (RFID) Devices and Tags and Integration of RFID System with Existing Library Management Software LIBSYS in the HMS Central Library, Jamia Hamdard., as per the technical details and specifications given below: -

Specifications & Allied Technical Details

S. No.	Specifications of RFID Equipment	Qty.																																		
The Proposed system must be compatible with the Existing Library Management Software system (LIBSYS) using. No deviation is acceptable.																																				
1.	Self Adhesive RFID Tags (Books) Passive Re-writable RFID Tags consisting of a Microchip and antenna, a low acid or good quality self-adhesive RFID Tags having 4K bits memory; Built-in antitheft control bit with lifetime guarantee.	1,00,000																																		
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	Read/Write Performance		
	Software	Client software to perform function like tagging; checkout; Check-in; Renewal; label monitoring; sorting etc. Should support existing LIBSYS software	
3.	Self Checkout/In Station		2
	Specifications:		
	Hardware	RFID Reader + Antenna + Kiosk Enclosure	
	RFID Reader + Antenna	13.56 MHz, ISO 15693/18000-3 compliant.	
	Touch Screen	20 or Higher Touch Screen TFT Flat panel. High resolution display	
	Printer	High Speed Thermal Slip Printer	
	Software	Client software to perform function like tagging; checkout; check-in; Renewal; monitoring; sorting etc. Should support existing LIBSYS software	
4.	Library security gate (2 pedestals) Security gate should include two theft detection pedestals, which are interdependent of each other and also have an overlapping protection zones providing additional security. These pedestals will be installed at the entrance of the library. The system should have suitable number of I/O ports for Standard electronic counter, web cam trigger, CCTV, Locking gates etc. The offer must be complete in all respects and must include all the components required for the functional of the system. Library security gate should have the following specifications :		1
	Specifications:		
	Hardware	Two pedestals (single corridor) (Optional : Four pedestals)	
	Frequency	13.56 MHz	

Chip Compatibility	ISO 15693/18000-3	
Gate Synchronization	RF protocol	
Alarms	Lights and Buzzer located at the top of pedestal.	
People Counter	Should count in and out traffic/bottom embedded.	
Range	Minimum 36 on either side	
EAS System	Digital Signal Processor	
Pedestal Spacing	36 between pedestals	
Power Supply	240v±10%/ 50Hzs	

5.	Shelf Management Reader		
	Specifications:		
	Hardware	2	
	Frequency		
	Chip Compliance		
	Maximum Input Power		
	Tag Reading Speed		
	Memory Card		
	Software		
6.	RFID Membership Cards (Smart Card)		8,000
	Specifications:		
	Card Type	PVC ISO Size 54x85.6x0.76 mm Card (App.) Standard ISO Credit Cards	
	Frequency	13.56 MHz	
	Chip Compliance	ISO 15693/ISO 18000-3	
	Memory	1024 Bits Memory	
	Other features	White Printable Surface	

SD/-

Librarian