



MALABAR CANCER CENTRE

(POST GRADUATE INSTITUTE OF ONCOLOGY SCIENCES & RESEARCH)

(An autonomous institution under Government of Kerala)

No:MCC/GA1/2025

3-11-2025

QUOTATION NOTICE

Sealed quotations are invited for the Supply, installation, testing and commissioning of **Biometric Door Access Control System & accessories** as per the below specifications in Malabar Cancer Centre (Post Graduate Institute of Oncology Sciences and Research), Thalassery.

1. Specification for Biometric Door Access Control system	
Type	Standalone Biometric Fingerprint Time Attendance & Access Control System
Fingerprint Capacity	5,000 or higher
Card Capacity	5,000 or higher
Transaction Capacity	100,000 or higher
Card Reader	Inbuilt proximity card reader
CPU	32-bit Microprocessor or higher
SDRAM	128 MB or higher
Flash Memory	256 MB NAND Flash
Fingerprint Sensor	500 DPI Optical Sensor
False Acceptance Rate (FAR)	$\leq 0.0001\%$
False Rejection Rate (FRR)	$\leq 1\%$
Identification Speed	< 0.5 sec
Display	3" Color TFT or better
Communication Interface	TCP/IP, USB, etc.
Power Supply	DC 12V – 1.5A
Operating Temperature	0°C to 45°C
Operating Humidity	20% – 80%
Dimensions (mm)	Approx. 210 (L) × 160 (W) × 40 (H)
Wiegand	In & Out (26/34 bit, with or without site code)
Relay Output	12V Relay for EM Lock, Bolt Lock, or Strike Lock
Exit Readers	101HE, FR1200, Push Button, KR500, NoTouch, KR503, etc.
Other features	LED Indicator, Keypad, Mini Speaker, Push Data support, Fire Alarm Support, Door Sensor, Anti-passback, Door Bell, Multi-door Controller Compatibility, Battery Backup, should support existing biometric attendance system of MCC(PGIOSR).
Warranty	One year manufacturer warranty

2. Fingerprint Exit Reader

Type	Fingerprintbased ExitReader
Sensor	Optical Sensor
Communication	RS 485
Optional Features	Prox / Mifare /HID card reader

Voice Prompt	Buzzer
Operating Temperature	0°C to 45°C
Operating Humidity	20% - 80%
Dimension	Aprox. 50 mm x 100 mm X 40 mm
Warranty	One year manufacturer warranty

3. Double Door EM lock

Type	600lbs double door electric magnetic lock
Size	Approx. 500L*46W*26H(mm)
Input Voltage	DC12V
Holding Force	280KG*2 600LBS*2
Surface Temp	≤±40°C
Operation Temp	-10°C~+55°C
Humidity	0~99% (non-condensing)
Cover Finish	anodized aluminum
Lock Finish	zinc
Armature Plate Finish	zinc
Warranty	One year warranty

4. Bracket

Face Plate (LxWxH)	Approx. 205 x 35 x 40 mm
Strike Plate (LxWxH)	Approx. 90 x 25 x 2 mm
Cover Plate (LxWxH)	Approx. 215 x 40 x 0.7 mm
Current Draw	(Start) 950 mA, (Standby) 120 mA
Dual Voltage	DC 12 V
Bolt	16 mm Diameter, 16 mm Stainless Steel
Net Weight:	0.8 kg
Holding Capacity:	600 lbs
Operating Temperature	10° C - 55° C
Sensor	LED Magnetic bond sensor
Net and Gross Weight	Less than 0.80 kg

The amount should be quoted in the following format;

Sl. No	Item Name (Specifications mentioned above)	Qty	Rate	Amount including GST
1	Standalone Biometric Fingerprint Time Attendance & Access Control System	1		
2	FingerprintExitReader	1		
3	Double Door EM lock	1		
4	Bracket	2		
5	Installation, Testing and Commissioning Charge	1		
	TOTAL AMOUNT (Inclusive of all Taxes)			

The envelopes containing the quotation should bear the superscription “**Quotation for the supply of Biometric Door Access Control System& Accessories**” and should be addressed to **The Director, Malabar Cancer Centre, Moozhikkara (PO), Thalassery, Kannur-670103, Kerala, India.** Intending tenderers may submit the quotation on their own papers.

Last date for receipt of quotations is 18.11.2025 at 3 PM. Late quotations will not be accepted. The quotations will be opened at **3.30PM on 18.11.2025** in the presence of such of the tenderers or their authorized representatives who may be present at that time. The maximum period required for delivery of the articles should also be mentioned.

Details of the requirements and the conditions governing their supply can be obtained free on request from Health IT Division (Phone: 0490 23 99 400)/Purchase Section (0490 23 99 244), Malabar Cancer Centre, till **18.11.2025 at 1.00 P.M.**

s/d
PURCHASE OFFICER

Copy to:

- 1) Notice Board in MCC
- 2) Web site – MCC