POLICE DEPARTMENT

KERALA

No. H5-38597/2025/PHQ
Police Headquarters,
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04712721547
Dated. 09-11-2026

Quotation Notice No.68/2026

Sealed quotations are invited for the **supply of 1000 numbers of 1L Mifare Contactless Smart Cards for the ID Card Section, Police Headquarters**, subject to the following specifications.

Parameter	Specification
Card technology	MIFARE Classic EV1
Manufacturer	NXP Semiconductors
IC model	MF1S50 (MIFARE Classic EV1 1K)
Card type	Proximity Integrated Circuit Card (PICC) / Contactless Smart Card
Memory capacity	1 KB EEPROM (1,024 bytes)
Memory organization	16 sectors x 4 blocks per sector
Block size	16 bytes
Operating frequency	13.56 MHz
RF interface	ISO/IEC 14443 Type A
Data transmission rate	106 kbit/s
Operating distance	Up to approximately 100 mm, depending on reader and antenna
UID	4-byte NUID or 7-byte UID, depending on the IC variant

Power supply	**Passive; powered by the reader's RF field**
Authentication	**Mutual three-pass authentication**
Access control	**Sector-level access control using Key A and Key B**
Security algorithm	**Crypto1**
Anti-collision	**Supported**
Data integrity	**CRC and parity checking**
Data retention	**At least 10 years (subject to the applicable IC datasheet and operating conditions)**
Write endurance	**As specified in the current NXP datasheet for the exact IC revision**

The quotation should contain the price of the items, including tax. Also, the firms should submit the following documents along with their quotations;

1. Physical sample of at least 5 cards with original chip embedded, for verification and testing.

2. Copy of the technical datasheet of the card, clearly indicating chip, model, and memory.

3. Provide a declaration regarding the genuineness of the chip (e.g., NXP Mifare Original) .

4. Specification compliance sheet.

The quotation should be submitted in envelop bearing the superscription " Quotation for Smart cards". **Intending suppliers may submit their quotation on their own letter head along with TIN/CST /GST IN Number. The last date of receipt of quotations is on 16.11.2026 at 11:00 AM.** Late quotations will not be accepted. Payment will be made only after the verification of the supplied items. Advance payment will not be allowed.

SUJITHDAS S
Assistant Inspector General
For Director General of Police-cum-State Police Chief

To : The Official website of Kerala Police
Copy To : The Sub Inspector of Police, Tele C& C Lab PHQ for information and necessary action