



मुर्गांव पत्तन प्राधिकरण MORMUGAO PORT AUTHORITY

(पत्तन, पोत परिवहन और जलमार्ग मंत्रालय, भारत सरकार)
(MINISTRY OF PORTS, SHIPPING & WATERWAYS, GOVT. OF INDIA)

यांत्रिक इंजीनियरी विभाग / MECHANICAL ENGINEERING DEPARTMENT

“सारसी” प्रशासनिक कार्यालय भवन, हेडलैण्ड सडा, गोवा – 403804.

“SAARASI” ADMINISTRATIVE OFFICE BLDG., HEADLAND SADA, GOA - 403 804.

Tel. : (0832) 2521170 Email : cme@mptgoa.gov.in website : <https://www.mptgoa.gov.in>



MM/NS/TM/

.10.2024

To,

Pune

Dear Sir,

Sub: Budgetary Enquiry

You are requested to kindly furnish your **best offer** for the below tabulated items in the format given:-

Code No.	Description	Unit	Qty.	U/Rate (Rs.)	Freight (Rs.)	HSN/ SAC No.	Others (Rs.)	GST (Rs.)	FOR Destination Amount (Rs.)
N.S.	Mifare Cards, PVC, 85x54mm, with pre-printed backside (colour & B/W), white, for use in MPA, as per specifications at 'Annexure A'	Nos	10000						

Budgetary Enquiry No. MM/NS/TM/019 due on 18.10.2024

1. VALIDITY: Your quotation should be valid for 60 days from the date of opening. Confirm acceptance.
2. Kindly mention the HSN/SAC No. at the time of quoting.
3. Kindly submit your budgetary quotation no. **BQ/MM/NS/TM/019** on or before due date i.e. on **18.10.2024**.

Thanking you,

Yours faithfully,

Sr. DY. MATERIALS MANAGER

Correspondence Address: 2nd Floor, A.O. Building, Headland-Sada, Mormugao, Goa – 403 804

Material Supply Address: Baina, Opp. Baina Beach, Vasco-da-Gama, Goa - 403 802

Phone: 0832-2520222, 2520220, 2524510

Web Site: <https://mptgoa.gov.in/> E-Mail mm@mptgoa.gov.in

Technical Description

Sr. No.	Description	Unit	Qty.
1.	Mifare Cards, PVC, 85x54mm, with pre-printed backside (colour & B/W), white, for use in MPA, as per specifications.	Nos.	10,000

1. TECHNICAL DETAILS OF MIFARE CARDS

1. The contactless smart card shall function as an access control card, used with access reader to gain entry in controlled areas and to hold identification information specific to the user.
2. The contactless smart card shall be a passive device, with an operating frequency of 13.56 MHz, and shall meet the contactless cards (14443 Type 1, 2 & 3 A). Generic command set should be based on ISO/IEC 7816-4.
3. The card shall be available as a single RFID solution designed for interoperability with 13.56 MHz readers.
4. The card shall offer a memory size of 1 K-Byte on the Mifare side.
5. It should be 820 GSM thick so that it can take normal wear and tear.
6. Contactless smart card shall meet the following environmental Specifications:-
 - a. Operating Temperature: -40 C to 70 C.
 - b. Operating Humidity: 5% to 95 % relative humidity non-condensing.
7. The warranty of contactless smart cards shall be for 1 year against defect on Plain Smartcards.
8. All cryptographic algorithm modes of operation protocols and mechanism used by the card shall be based on Mifare standards.
9. The smart card shall support ISO/IEC 14443 Specification.
10. The cards shall be loaded with an application that leverages existing standards for maximum interoperability and heightened protection against attacks.
11. Programmable platform: The card shall use a Microprocessor to support post issuance update in the field and support retrieval of protected data formats. The card shall be ready future applications.
12. All contactless communication shall be secured by a secure messaging established after mutual authentication between the card and the off card application. Each secure session relies on diversify AES Keys that are setup at the start of each session, Keys are 64 bit.
13. The cards shall support multiple applications as part of the available memory. Each application can be loaded with different data set and memory size.
14. The application management's commands shall be based on ISO/IEC 7816/13 of 2007.
15. The cards shall be printed in four colour variable print, with numbers. (Will be indicated at time of placement of order)
16. Successful suppliers shall submit sample card duly approved before effecting supplies to avoid any rejection. The Colour & B/W matter for printing on the back-side will be sent. Only after receiving the approval, the cards are to be printed and supplied.

The cards should be able to integrate with our existing RFID System, the Card Readers of which are manufactured by M/s Electron India, Chennai, model No. EI 843L.