



# DELHI METRO RAIL CORPORATION LTD.

(A joint venture of Govt. of India & Govt of Delhi)  
Metro Bhawan, 13, Fire Brigade Lane, Barakhamba Road, NEW DELHI-110001  
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## INVITATION OF BIDS TENDER No. DMRC/CO/ST/PUR/11.11.261

Bids are invited by Delhi Metro Rail Corporation Ltd. for "Supply of Contactless Smart Cards".

Tender No.	Description of Stores	Qty	Cost of Bid Document	Bid Guarantee	Last date & time of submission of Bids	Time of opening of Bids
DMRC/CO/ST/PUR/11.11.261	Supply of Contactless Smart Cards	28,00,000 Nos	INR 20,000/- or USD 400.00	INR 25,84,000 or USD 51700.00	Up to 15:00 hrs. on 05/12/11 (bids received late will not be entertained)	At 15.15 hrs. on 05/12/11

1. **Eligibility Criteria (can be seen at DMRC site [www.delhimetrorail.com](http://www.delhimetrorail.com))**
2. **Sale of Tender Document:**
  - 2.1 Non – Transferable Bid Document containing description of the items required as also the other terms & conditions can be had from the office of the Controller of Stores against the payment of the cost of bid document through a crossed demand draft/pay order issued by a scheduled bank of India, payable to Delhi Metro Rail Corporation Ltd., New Delhi. The sale timings of the bid document will be 9.30 hrs. to 17.00 hrs. excluding lunch recess from 13.30 hrs to 14.00 hrs on all working days. The sale of document will be closed at 17.00 hrs. on previous day to the day of submission of Bids.
  - 2.2 Non- Transferable Bid Document can also be obtained by post on written request by the bidder on his letterhead duly paying the cost of Bid document as mentioned above.
  - 2.3 Tender document can also be downloaded from DMRC's web site mentioned above, in this case the cost of the tender document, in the form as mentioned above, may be submitted in a separate envelope along with the bid.
3. Addendum/corrigendum if any will not be published in the newspaper and the same will be uploaded on DMRC's website mentioned above.

**Dy. Controller of Stores**

**(1) Eligibility Criteria for “Supply of Contactless Smart Cards”.**

s.no	Criteria
1	The card should incorporate Philips Mifare Desfire Chip no. MF3ICD40 with part no. MF3MOD4001DV/06 or compatible (4 Kbytes).
2	ISO-9001 certified facility for smart card manufacturing & in-house <u>MIFARE DESFire 4K</u> or compatible Inlay Manufacturing.
3	Supplier should present certifications / registration for their Smart card business. Manufacturing Experience of at least 2 years for Mifare Desfire 4K smart cards ( <u>Chip No NXP MF3ICD40 or compatible</u> ) and having successfully completed a minimum manufacturing and supply of 2,00,000 smart cards/PreLams using Mifare Desfire 4k or compatible, using in house manufactured Inlays for AFC/Transport applications in the last 2 years. Tenderer should specify and submit documents along with the bid to substantiate this. The supplier shall provide a list of references of same type of card deliveries done by him and their respective applications.
4	The compatible chip should support RF & Mifare Desfire command set and file system, with out any change being required in DMRC system.
5	The Complete base material for manufacturing the smart card including Inlay, outer layer and the card body must be PETG material.
6	Card Antennae: the construction of the contactless smart card antenna for the inlay should be made of copper wire and should be embedded copper type only.
7	Card manufacturer must submit an valid ARSENAL Certificate of Mifare Desfire 4k or compatible smart cards to ensure the quality, reliability and compatibility of the Mifare Desfire 4k based smart cards. The certified smart cards must be manufactured using in-house manufactured Inlays with the Mifare desire 4K or compatible. The detailed test report should also be submitted to prove the details of chip and inlays used in the certified cards.
8	The Manufacturer must have had an Indian office for minimum last 3 years. This is required so as to support card printing & customization needs of DMRC during the card supply phase and post issuance support.
9	<u>The manufacture shall provide</u> atleast 2 letters of satisfactory performance of its supplies of exactly the same card as offered for minimum 2 years each. The following details are to be given:
a)	Name of Organization to whom supplied
b)	Customer contact Name, email and Phone Number
c)	Scope undertaken by bidder
d)	Total Quantity supplied.
e)	ISO Standard for cards
f)	Financial criteria.
g)	In satisfactory operational use, minimum for last 2 years, (with name of Project).
10	A declaration that vendor has not been blacklisted /debarred by any Government agency.
11	A declaration that the product being offered does not in any way infringe on international copy right regulations.
12	The supplier to produce recognized certifications (for item 'a' below) and to confirm through tests or produce recognized laboratory certificates (for items 'b' & 'c'), that the supplied card (Mifare Desfire or compatible) meets following international standards:
a	Electrical specifications should comply with Arsenal Certification from Mifare Arsenal Institute. Arsenal Certification to be submitted for Desfire or compatible chip along with the bid.

b	Dimensional Specifications to comply with ISO 14443-1.
c	Mechanical / environmental tests complying to ISO IEC 10373 as detailed in the acceptance tests.
13	Ten numbers of Cards to be provided along with Tender for testing. Each card should have engraved serial number and manufacturer name. Further, the Tenderer should be able to demonstrate compliance of these sample cards, to this Tender's specifications at his manufacturing plant or third party recognized test laboratory, if called for by DMRC. All costs shall be borne by the Tenderer for these tests.
14	The bidder shall submit confirmation from chip OEM along with the Technical Bid that he shall supply the requisite chips for this project to the said bidder and in line with the time schedule of supply laid down in tender.
15	In case of award of tender, Bidder, DMRC & Chip OEM will sign a tripartied agreement in the format as given in Appendix-2 for supply & quality including warranty of that product delivered to DMRC. Confirmation for this required from the chip OEM along with the Technical Bid.
16	The tender is a two Packet Tender i.e. Techno Commercial Bid accompanied by EMD in one sealed envelope and Price Bid in another sealed envelope. Only the Technical Bid will be opened on due date. Technical evaluation will be carried out by DMRC to assess and finalize the technically acceptable bidders. The price bid of only the technically acceptable bidders will be opened. The Contract will be awarded to the bidder quoting the lowest price. <b>The contract may be awarded to more than one bidder in the ratio 70:30, if DMRC decides, provided the L2 Bidder matches the rate of L1.</b> However quantity discount, if offered, for more than 70% of the Tendered quantity, will not be considered for evaluation. Hence all bidders to quote for 100% quantity only.
	Documentary evidence of compliance to all the points from 1 to 16 qualifying criteria

In case of non compliance to any of the above conditions, the bid shall be deemed as non-compliant and rejected.