



# RFP for Selection of Agency for supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing

(Tender Ref. No 158/2025)

Punjab State Transport Society  
O/o State Transport Commissioner,  
Government of Punjab  
SCO 177-178, Sector 17C, Chandigarh 160017

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The possession or use of this RFP in any manner contrary to any applicable law is expressly prohibited. The Bidders shall inform themselves concerning, and shall observe any applicable legal requirements. The information does not purport to be comprehensive or to have been independently verified. Nothing in this RFP shall be construed as legal, financial, regulatory or tax advice.

The Purchaser, its employees, advisors or consultants make no representation or

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The Purchaser and also its advisors/ consultants/ representatives/ employees accept no liability of any nature whether resulting from negligence or otherwise, howsoever caused, arising from reliance of any Bidder upon the statements contained in this RFP. The Purchaser and also its advisors may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, data, statements, assessment or assumptions contained in this RFP or change the evaluation or eligibility criteria at any time or annul the entire Bidding Process.

The issue of this RFP does not imply that the Purchaser is bound to select a Bidder or to appoint the Selected Bidder hereinafter defined, as the case may be, for the Project and the Purchaser reserves the right to reject all or any of the Bidders or Bids at any stage of the Bidding Process without assigning any reason whatsoever including the right to close the selection process or annul the bidding process at any time, without incurring any liability or being accountable to any person(s) in any manner whatsoever. The decision of Purchaser shall be final, conclusive and binding on all the parties.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Purchaser or any other costs incurred in connection with or relating to its Bid including costs relating to submission and maintenance of various fees, undertakings and guarantees required pursuant to this RFP and also any cost relating to updating, modifying or re-submitting its Bid pursuant to the RFP being updated, supplemented or amended by the Purchaser. All such costs and expenses

will be incurred and borne by the Bidder and the Purchaser shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.

The Bidders are prohibited from any form of collusion or arrangement in an attempt to influence the Selection and award process of the Bid. Giving or offering of any gift, bribe or inducement or any attempt to any such act on behalf of the Bidder towards any officer/employee/ advisor/ representative of Purchaser or to any other person in a position to influence the decision of the Purchaser for showing any favor in relation to this RFP or any other contract, shall render the Bidder to such liability/penalty as the Purchaser may deem proper, including but not limited to rejection of the Bid of the Bidder and forfeiture of its Proposal Security. Laws of the Republic of India are applicable to this RFP.

This RFP document and the information contained herein are confidential and for use only by the person to whom it is issued. It may not be copied or distributed by the recipient to third parties (other than in confidence to the recipient's professional advisor). In the event that the recipient does not continue with the involvement in the Project in accordance with RFP, the information contained in the RFP document shall not be divulged to any other party. The information contained in the RFP document must be kept confidential. Mere submission of a responsive Bid/ Proposal does not entitle selection of the Bidder.

The information contained in this document is selective and is subjected to updation, expansion, revision and amendment. Purchaser reserves the right of discretion to change, modify, add to or alter any or all of the provisions of this document and/or the bidding process, without assigning any reasons whatsoever.

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## Section 1: Notice Inviting Tender

**Government of Punjab**

**Punjab State Transport Society**

**O/o State Transport Commissioner, Punjab**

**SCO 177-178, Sector 17C, Chandigarh 160017**

Punjab State Transport Society invites online bids for the RFP for Selection of Agency for supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab.

Closing time and date for bid submission is at 04.00 PM on 24.02.2025.

For details log on to [www.eproc.punjab.gov.in](http://www.eproc.punjab.gov.in) or <http://www.punjabtransport.org>

**Member Secretary  
Punjab State Transport Society**



## Section 2: Abbreviations and Definitions

### 2.1 Abbreviations

1.	CA	Chartered Accountant
2.	EMD	Earnest Money Deposit
3.	FY	Financial Year
4.	GOI	Government of India
5.	GSTN	Goods and Service Tax Number
6.	IA	Implementing Agency
7.	INR	Indian National Rupees
8.	IPR	Intellectual Property Rights
9.	ISO	International Organization for Standardization
10.	LCS	Least Cost Selection
11.	LOI	Letter of Intent
12.	OS	Operating System
13.	PAN	Permanent Account Number
14.	PBG	Performance Bank Guarantee
15.	PoA	Power of Attorney
16.	PSU	Public Sector Undertaking
17.	RFP	Request for Proposal
18.	SLA	Service Level Agreement
19.	T	Date of Signing of Contract
20.	TCV	Total Contract Value
21.	UDIN	Unique Document Identification Number
22.	PSTS	Punjab State Transport Society

### 2.2 Definitions

1.	Bidder	Companies/ Partnership firms/Sole Proprietor/ Limited Liability Partnership Firms/Trust or Cooperative Societies, who is an OEM/manufacturer of SCOSTA based preprinted PVC cards, submits the bid against this RFP, while competing with others, for providing services
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		with respect to specific requirements in this RFP Document.
2.	Central/ State Government	Centre or State-run PSUs, Statutory bodies established under respective Government and co-operative societies.
3.	Competent Authority	CEO Punjab State Transport Society
4.	Day	Any day of the week including a Saturday or Sunday or a public holiday (As declared by Government of Punjab).
5.	Department/ Purchaser/ Procuring Entity	Punjab State Transport Society, O/o State Transport Commissioner, Punjab
6.	Designated Authority	Departmental Official/ Committee who will approve all the deliverables submitted by the bidder.
7.	Project	This means Selection of Agency for supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab.
8.	Plastic cards	Preprinted SCOSTA PVC (64 KB) contact PVC card with static fields as per prescribed specifications mentioned in this RFP .
9.	Successful Bidder/ Implementing Agency	The Bidder to whom contract is awarded and is fully responsible towards Purchaser for providing Services as per the requirements and terms and conditions specified in this Contract. The term shall be deemed to include the Bidder's successors, representatives (approved by the Department), heirs, executors and administrators, as the case may be, unless excluded by the terms of the contract.
10.	Successful Event	Event for which work order and completion certificate of the work is available with the bidder
11.	Total Contract Value	This is the maximum gross value payable to the Successful Bidder which is agreed between the Purchaser and the Successful Bidder for the Project.
12.	Week	Designated timeframe consisting of all 7 days including any Public Holiday (as declared by Government of Punjab), Saturday and Sunday.

**Section 3: Document Control Sheet**

1.	RFP Inviting Authority and Address	Punjab State Transport Society O/o State Transport Commissioner ,Punjab, SCO 177-178, Sector 17C, Chandigarh 160017 Email: stc.transportpunjab@punjab.gov.in
2.	a) Name of the Work	RFP for Selection of Agency for supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab
3.	a) RFP document availability	Available for download at <a href="https://eproc.punjab.gov.in">https://eproc.punjab.gov.in</a>
	b) Cost of RFP Document (Form Fee)	INR 5,000/- (Five Thousand only) is to be paid through online mode available on e-tendering portal <a href="https://eproc.punjab.gov.in">https://eproc.punjab.gov.in</a> . In case of any portal processing fees, it has to be borne separately by the bidder.
4.	Publication of RFP	10/02/2025
5.	Date, Time & Venue for Pre-Bid meeting	14/02/2025 at 11.30 AM in Office of the Punjab State Transport Society cum State Transport Commissioner, Sector 17 C, Chandigarh  Bidders may also join the Pre-Bid through VC: VC Link will be shared separately
6.	Release of corrigendum (if required) on the e-tendering portal <a href="http://www.eproc.punjab.gov.in">www.eproc.punjab.gov.in</a>	Any time before the opening of technical bids
7.	Earnest Money Deposit (EMD)	INR 10,00,000/- (Ten Lakh) only through online mode as available on e-tendering portal.
8.	Performance Bank Guarantee	5% of the Contract Value

9.	Last date for submission, Time and Place of Bid	By 4:00 PM on 24/02/2025 on the e-tendering portal <a href="https://eproc.punjab.gov.in">https://eproc.punjab.gov.in</a>
10.	Date & Time for Opening of Technical bids	11.00 AM on 25/02/2025 the e-tendering portal <a href="https://eproc.punjab.gov.in">https://eproc.punjab.gov.in</a>
11.	Date & Time for Opening of Financial Bids	To be intimated online to the technically qualified bidders only.
12.	Method of Selection	Least Cost Selection (LCS)
13.	Website for RFP Reference	<a href="https://eproc.punjab.gov.in/">https://eproc.punjab.gov.in/</a> <a href="http://www.punjabtransport.org">www.punjabtransport.org</a>

**Note: All corrigendum /addendums /clarifications regarding this RFP shall be posted on the above-mentioned websites only. No other separate communication or advertisement will be given.**

**The e-tendering portal would not allow any late submission of bids after due date and time as per server time.**

**Authority will not be responsible in case any bidder fails to upload the bid in stipulated time for any reasons.**

## Section 4: Technical Qualification Criteria

RFP is available on the State e-tender portal i.e. <https://eproc.punjab.gov.in>. This Invitation to Bid is open to all entities meeting or exceeding all of the following minimum technical qualification criteria. Any Bidder not meeting even one of the criteria as mentioned below shall be summarily rejected.

**Note:** For participating in the above RFP/e-tender, the bidders/ vendors shall have to get themselves registered with <https://eproc.punjab.gov.in> and get user ID & password. Class 2 or 3 Digital Signature Certificate (DSC) is mandatory to participate in the e-tendering process. For any clarification/difficulty regarding e-tendering Process flow bidder may contact on helpdesk numbers 0172-2970263, 0172-2970284 (Punjab Government working days from 9.00 AM to 5.00 PM) and mobile +91-6284884511. Additional support options can also be seen at <https://eproc.punjab.gov.in>.

The Bidder must possess the requisite experience, strength and capabilities in providing the services necessary to meet the requirements as described in this Document. The Bidder must also possess the administrative capability, technical know-how and the financial wherewithal that would be required to successfully undertake the Project for the entire period of the Contract. The Bids must be complete in all respects and should cover the entire Scope of Work as stipulated in this RFP document.

The technical qualification criteria and the documents required are as under:

S.No	Technical Criteria	Documents Required
1.	Fee for applying in the RFP should have been submitted. (There is no exemption of tender fee for any category)	INR 5,000/- (Rupees Five Thousand Only) through online mode available on e-tendering portal <a href="https://eproc.punjab.gov.in">https://eproc.punjab.gov.in</a> . In case of any portal processing fees, it has to be borne separately by the bidder.
2.	Earnest Money Deposit (EMD) should have been submitted. (There is no exemption of EMD fee for any category)	INR 10,00,000/- (Rupees Ten Lakh Only) through online mode available on e-tendering portal <a href="https://eproc.punjab.gov.in">https://eproc.punjab.gov.in</a>

3.	The bidder must be a registered entity under Indian laws.	<p>Certificate of Incorporation/ Registration:</p> <ul style="list-style-type: none"> <li>• For companies: Certificate issued by the Registrar of Companies under the Companies Act, 2013.</li> <li>• For partnerships: Registered partnership deed.</li> <li>• For sole proprietors: GST Registration or Trade License.</li> <li>• For other entities (e.g., cooperative societies or trusts): Certificate of Registration under the respective act</li> </ul>
4.	The signatory signing the bid on behalf of the bidder should be duly authorized by the Board of Directors / Partners of the bidder to sign the bid on their behalf.	Authorization letter as per Annexure 13.3
5.	The bidder must be an OEM/Manufacturer of Chip-based cards for any three of the last five (5) Financial Years, i.e., from FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23 and FY 2023-24. Additionally, the bidder must have ongoing operations in the current Financial Year (FY 2024-25) to ensure active industry participation.	<p>Copies of at least one valid purchase order and work completion certificate (or agreement) for each of the three selected financial years, clearly indicating work related to chip-based cards. Additionally, for FY 2024-25, the bidder must submit a valid purchase order or ongoing work agreement as proof of current operations.</p> <p><b>.Note: The Department reserves the right to verify the authenticity of the documents submitted and may request additional information if needed.</b></p>
6.	The Bidder must have an average annual turnover of at least Rupees 1.5 Crores from the business of manufacturing and supply of Chip based cards only for last three audited financial years FY 2021-22, 2022-23 and 2023-24.	<ul style="list-style-type: none"> <li>• Audited Balance sheet and Profit &amp; Loss account statement of the Bidder for each of the last 3 audited financial years FY 2021-22, 2022-23 and 2023-24.</li> <li>• Certificate duly signed by Statutory Auditor/ CA/ Company Secretary of the Bidder mentioning the turnover from Chip based cards printing and</li> </ul>

		<p>supply activities in each of the 3 given financial years.</p> <ul style="list-style-type: none"> <li>• UDIN</li> </ul>
7.	The bidder must possess a valid GSTIN and PAN No.	Copy of the GST Certificate and PAN
8.	The Bidder should have positive net worth and should be a profit-making company for each of the last three audited financial years FY 2021-22, 2022-23 and 2023-24.	Certificate duly signed by Statutory Auditor/ CA of the Bidder confirming the net-worth and profit after Tax paid for each of the specified years.
9.	The bidder must have a valid SCOSTA certificate in its own name as on date of submission of bid for the Contact based PVC Smart cards required under the project.	Copy of Letter/valid certificate issued
10.	Bidder must have successfully completed at least one single work order of Chip based Plastic card printing & supplies of at least 9.6 lakh cards or two work orders of Chip based Plastic card printing & supplies of at least 6 Lakh cards each or three work orders of Chip based Plastic card printing & supplies of at least 4.8 lakh cards each to Central Government/ State Government Ministry/ Department/ Organization/ PSU/ Board/ Corporation or Nationalized Banks during last 5 (Five) financial years i.e. from	<p>Copies of work orders mentioning the exact Order Quantity and satisfactory work completion certificate.</p> <p>Note: In case of ongoing work where completion certificate cannot be produced, at least one payment should have been received by the bidder.</p>

	FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23, FY 2023-24.	
11.	Bidder has to submit a test report of the Chip based Plastic card from the ISO 17025 certified 3 <sup>rd</sup> party Laboratory as per the Technical specifications of the card mentioned in this document	<p>Copy of test report from the laboratory. Laboratory ISO certificate needs to be submitted as well.</p> <p>Bidder must provide at least 5 sample cards for testing, validated by an ISO 17025-accredited laboratory on or before the time of technical bid evaluation in the O/o Punjab State Transport Society ,SCO 177-178,Sec 17 C ,Chandigarh</p>
12.	<p>The bidder shall submit the undertaking that the bidder including its Directors, Partners and Officers:</p> <p>a. Has not been blacklisted/ Debarred by Central Govt. or any State Government – Ministry/ Department/ PSU/ Agency/Board/ Organization in India at the time of submission of the bid due to any reason whatsoever.</p> <p>b. Has not been ever insolvent, in receivership, bankrupt or being wound up, doesn't have its affairs administered by court or judicial officer, doesn't have our business activities suspended and are not the</p>	<p>Notarized Affidavit on Stamp Paper of INR 100/-</p> <p>Format attached at Annexure 13.1</p>



	<p>subject of legal proceedings for any of the foregoing reasons.</p> <p>c. Have not been convicted of any criminal offence related to their professional conduct or the making of false statements or misrepresentations as to their qualifications during last five years from the date of submission of bid or not have been otherwise disqualified pursuant to debarment proceedings as on date.</p>	
13.	Scanned copy of this RFP document, corrigendum (if any), clarification issued by Purchaser (If any), duly signed and stamp on each page by the authorized signatory of the bidder as a mark of acceptance of all conditions of this RFP.	Scanned and signed copy of the RFP along with a cover letter on company letterhead. Format Attached at Annexure 13.4
14.	The bidder should submit a valid ISO 9001:2015 and 27001:2013 certificate	Copy of valid Certificates
15.	The bidder should not have violated or infringed upon any Indian or foreign trademark, patent, registered design, or other intellectual property rights.	Self Declaration in this regard to be submitted as per Annexure 13.5

**Note: 1 All documents are to be scanned and uploaded online. No Physical copies will be accepted.**

**2. All bidders must submit the Technical Compliance Statement as per the format provided in Annexure 13.7.**

## Section 5: Scope of Work

### 5.1 Project Overview:

Punjab State Transport Society, on behalf of the Transport Department, Government of Punjab intends to engage an agency for supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab. The agency will ensure the supply of Plastic Cards, pre-printed with standard fields, in full compliance with the **Ministry of Road Transport and Highways (MoRTH) specifications mentioned in the notification issued dated 01<sup>st</sup> March 2019.**(Notification attached at Annexure 13.6)

### 5.2 Key Objectives:

- 1) Ensure valid **SCOSTA-compliant** 64Kb contact smart cards.
- 2) Supply pre-printed cards, with variable data titles as per MORTH specifications for Driving License and Registration Certificate (Name, DOB, Issue Date, Validity, etc.for DL & Regn Number,Date of Regn.,Regn Validity etc ) for dual side printing to be done by the Transport Department as per the Gazette notification issued by MoRTH dated 1<sup>st</sup> March 2019 .
- 3) Ensure **timely and secure delivery** at the Chandigarh Customized Card Personalized Center (CCPC), SCO No. 101-102, Fourth Floor, Sector-17B, Chd – 160017 or any other designated location in Chandigarh nominated by the Purchaser.

**Note: The Agency will not encode data onto the chip. The agency will only pre-print static fields, while personalization will be handled by the Transport Department.**

### 5.3 Roles and Responsibilities:

#### **A. Responsibilities of the Transport Department:**

1. Define technical specifications and approve sample smart cards before mass production.
2. Provide design templates and security features as per MoRTH guidelines.
3. Handle the **personalization of variable data** (Name, DOB, etc.) post-supply.
4. Manage **issuance and distribution** of final personalized smart cards.

#### **B. Responsibilities of the Selected Agency:**

##### **1. Supply of SCOSTA-Compliant Smart Cards**

- a) Supply of high quality SCOSTA contact (chips based) PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab as per with MoRTH guidelines dated 1<sup>st</sup> March 2019.

- b) Ensure compliance with ISO/IEC 7810 & ISO/IEC 7816 standards for durability and security.

## **2. Pre-Printing of Static Data**

- a) Print title fields such as "Issue Date", "Name, Date of Birth", Blood Group, and other standard elements/titles etc. as per specifications line with MoRTH guidelines.
- b) Incorporate security features such as holograms, microtext, UV printing, and guilloche patterns. etc. as per specifications line with MoRTH guidelines.
- c) Ensure high-quality printing with tamper-proof durability.

## **3. Packaging & Delivery**

- a) Securely pack the pre-printed smart cards to prevent damage or exposure to moisture.
- b) Deliver smart cards to designated Transport Department office/s as per agreed timelines.

## **4. Quality Control & Compliance**

- a) Ensure all supplied smart cards adhere to MoRTH and SCOSTA specifications.
- b) Conduct quality checks before dispatch to Punjab State Transport Society.
- c) Maintain inventory records for tracking and traceability.

### **5.4 Compliance & Technical Specifications:**

The smart cards supplied must comply with the latest MoRTH specifications, including but not limited to:

#### **1. Card Material & Construction**

- a) Material: Polyvinyl Chloride (PVC), Acrylonitrile Butadiene Styrene (ABS), PetG, or Polycarbonate (PC).
- b) Size: 85.6mm x 54.02mm ± 2mm (ISO/IEC 7810 standard).
- c) Thickness: Minimum 0.7mm.
- d) Printing Technology: Dye Sublimation with Overlay for extra durability.

#### **2. Security Features**

- a) Guilloche patterns (fine lines resistant to reproduction).
- b) Microtext and Micro-lines (difficult to replicate).
- c) Ultra-Violet (UV) fluorescing colors (for authenticity verification).
- d) Hologram below the top layer (as per MoRTH guidelines).

### 3. Card Durability & Performance

- a) Operating Temperature: -25°C to +55°C.
- b) Bending Strength: As per ISO/IEC 10373-1 standards.
- c) Chemical Resistance: Must withstand exposure to oils, cleaning solvents, and humidity.

### 4. Certification Requirements

- a) The vendor must provide a certificate of compliance with MoRTH specifications.
- b) All smart cards must meet SCOSTA (Smart Card Operating System for Transport Applications) standards.

### 5.5 Quantity & Variation Clause

1. The Agency will supply 12,00,000 smart cards in batches, as per work orders issued by the Transport Department, following a phased approach.
2. Department reserves the right to increase or decrease the quantity of smart cards by up to 25% ( $\pm 3,00,000$  cards). Any such increase or decrease will not affect the terms, conditions, or prices quoted by the agency.

### 5.6 Delivery Timeline

The Agency must complete the delivery of the first batch of smart cards within 15 days from the date of signing the agreement.

1. Subsequent deliveries must adhere to the schedule mentioned in the respective work orders issued by the Transport Department.
2. Any delay in delivery beyond the stipulated timeline will be subject to penalties as per the terms and conditions of the contract.

**Note: Bidder has to submit the Financial bid considering the double side printing on the card. Above mentioned fields are only indicative and not exhaustive.**

**Decision of Purchaser in this regard would be final.**

### 5.7 Quality of the Cards:

- a) The finished cards shall have to be compatible with preprinted static fields details using good quality printing technology strictly in compliance with MoRTH notification dated 01<sup>st</sup> March 2019.
- b) Quality of the PVC based plastic contact cards should be guaranteed for five years (after delivery to the Department) meeting the below specifications:
  - Non-peeling of the overlays on use
  - Non-breakage due to the card material becoming brittle
  - Non-leakage, non-smudging, non-erasure of the text and Image
  - Proper Maintenance / Retention of data on card

- c) The finished cards should be of excellent quality, meeting the quality test standards as mentioned in the MoRTH notification. Department may also test samples from the supplied lots from a third-party agency.
- d) Agency has to ensure proper handshake of SCOSTA contact (chips based) PVC smart cards for dual side printing of Driving License & Registration Certificate with the KMS card reader Plastic e-card reader so that the transactions should be carried with ease and there should be no hassles for the beneficiaries.

**Note: Department reserves the right to get the random sample tested from a third-party ISO 17025-accredited independent laboratory for every lot received for which the cost shall be borne by the Selected Bidder.**

#### 5.8 For damaged preprinted cards:

For any damaged pre-printed card, the Agency shall ensure delivery of that additional card for which cost shall be borne by the Agency.

#### 5.9 Compatibility of the printers with the pre-printed SCOSTA 64KB contact PVC smart cards

The Successful Bidder needs to ensure that the pre-printed cards to be supplied are fully compatible with the existing printers available at the site of the Purchaser for which the specifications are as below:

Printer -Evolis Primacy  
Print Process: Dye Sublimation.  
Resolution: 300 dpi.  
Print Speed approximately 30 seconds per side;  
Colors- up to 16.7 million colors by using  
YMCK+O/YMCKO/KO/YMCK KO ribbon.  
Capable of edge-to-edge printing.  
Having card input hopper and in-build card cleaning system.  
Capable of printing and smart card electronic personalization in single pass.  
Smart Card encoder within the printer shall be Factory Standards for PC to Smart Card Reader interface, International Standards Organization 7816 compliant, support, 3V chip card with T=0 and T=1 protocol.

## 5.10 Sample design of Registration Certificate & Driving License for supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing.

1. For reference, a sample design of card of the Driving License and Registration Certificate can be found in **Annexure 13.8**.

**Note: The fields mentioned in the Driving Licence & Registration Certificate design are indicative and not exhaustive.**

2. The successful bidder must obtain approval on the design of the Driving License and Registration Certificate before supplying the pre-printed SCOSTA 64KB contact PVC smart cards for dual-side printing.

## Section 6: Payment Schedule and Deliverables

1. Invoice Submission: Invoices must be submitted at the end of month of delivery based on the actual number of cards delivered and accepted.
2. Payment Release Timeline: Payments should be processed within 15 days of invoice submission and department approval.
3. Deductions & Penalties: Any damaged or defective cards will be deducted or replaced at the agency's cost.
4. Quality Checks: The department may conduct random third-party testing during the contract period. Payment will be made only for accepted batches.

## Section 7: Financial Bid Evaluation

Only those Bidders who fulfill the Technical qualification criteria as per Section 5 of this document will be eligible for the Financial Bid Evaluation. Purchaser's decision regarding Bidder's eligibility will be final and binding on all the Bidders.

Financial bid needs to be submitted on the State e-tender portal only i.e. <https://eproc.punjab.gov.in>. No hard copies or Scanned copies will be accepted.

Format for the Financial Bid is given below:

Item Description	Unit Rate (₹ per card)	GST (₹)	Total Cost (₹) (Unit Rate + GST)
Supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab			

### Key Notes for Bidders:

1. Bidders need to submit the Financial bid only on the State eProcurement portal and that too in the format specified.
2. Total Cost shall be taken into consideration for Financial Bid evaluation.
3. Purchaser reserves the right to annul the tender process, or to accept or reject any or all the bids in whole or part at any time without assigning any reasons thereof and without incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.
4. Rates should be inclusive of all incidental costs such as transport and delivery to designated locations in Punjab.
5. During the entire duration of the contract, the Successful Bidder shall be compensated solely on the basis of the cost per card, which must include all expenses related to operations and maintenance. No separate or additional payments shall be made for operations and maintenance under any circumstances.
6. The bidder is required to carefully account for and incorporate all costs associated with preprinted and supply of the cards into the per-card cost quoted in their financial bid. Failure to account for any operation and maintenance within the quoted cost per card shall not entitle the bidder to claim additional payments at any stage of the contract.

## Section 8: Pre-Proposal & Bid Evaluation Process

### 8.1 Pre-Bid

Pre-bid meeting will be conducted at the office of the Competent/ Designated Authority, SCO 177-178, meeting room 4th Floor, Sector 17C, Chandigarh 160017 as per the schedule defined in the Document Control Sheet. Bidders can request for any clarifications by submitting the queries in writing to the Purchaser on the letter head of the company/ firm as per the below format on or before the pre-bid meeting date and time mentioned in the document control sheet of this RFP.

S.No	Page No.	RFP Clause No.	Clarification Sought
1.			
2.			

### 8.2 Opening of the Technical Bids

1. The Purchaser will open all the received Bids on the scheduled date and time as specified in the **Document Control Sheet** or as communicated through a corrigendum.
2. Bidders can view the bid opening process online at their own locations through the **online e-procurement portal**: <https://eproc.punjab.gov.in>.
3. In case a Bidder or its authorized representative wishes to be present at the bid opening, they may attend the session at the designated venue. However, no separate intimation will be provided in this regard.
4. The bids will be opened in the presence of the designated committee members and the attending bidders (if any).
5. In case the date of bid opening is declared a public holiday, the bids will be opened at the **same time and location on the next working day**.
6. The Purchaser will record key details of the bid opening process, such as the **list of participating bidders, bid submission status, and any deviations observed**. However, no evaluation or assessment of technical bids will be conducted at this stage.

### 8.3 Evaluation of the Technical Bids

#### 1. Preliminary Scrutiny:



- The Purchaser will first verify whether each Bidder has submitted the Form Fee and EMD (Earnest Money Deposit) as per the RFP requirements.
- Bidders whose Form Fee or EMD is not in order will be disqualified and their bids will be rejected outrightly.

## **2. Technical Compliance Check:**

- Bidders must meet all conditions specified in the Technical Qualification Criteria section of this RFP.
- The Purchaser will assess the completeness of each bid and its conformity with the RFP requirements.
- Bids that fail to meet the mandatory requirements will be rejected without further evaluation.

## **3. Detailed Technical Evaluation:**

- The Purchaser will conduct a thorough evaluation of the eligible technical bids based on the predefined technical criteria.
- If required, Bidders may be asked to provide additional clarifications, supporting documents, or presentations/demonstrations to establish their technical capabilities.
- The decision of the Purchaser regarding the technical qualification of the bidders will be final and binding.

## **4. Shortlisting for Financial Bid Evaluation:**

- Only the bidders who meet the technical qualification criteria will proceed to the next stage of Financial Bid Opening.
- The Financial Bids of technically disqualified bidders will not be opened, and they will be informed accordingly through the e-tendering portal.

### **8.4 Evaluation of Financial Bid**

- 1) All the bidders need to submit the financial bids as per the Financial Bid format only.
- 2) The Bidder as part of its Financial Bid shall account for all out of pocket and other expenses including all approvals, travel cost, supply of cards, manpower etc. to be provided as per the terms and conditions of this RFP.
- 3) On receiving the financial bids, Reverse Auction (RA) shall be practiced for one time. Purchaser will select the successful Bidder (L1) on the basis of lowest Total Cost quoted in the Reverse Auction. Intimation would automatically be sent to

the unsuccessful Bidders through the e-tendering portal.

- 4) Purchaser's decision regarding Bidder's selection will be final and binding on all the Bidders.

## 8.5 Reverse Auction

1. The Reverse Auction shall be allowed only once. The reverse auction will be conducted on scheduled date and time, which will be communicated to Bidders eligible to participate in Reverse Auction.
2. Reverse Auction shall be conducted if two or more Bidders are qualified in the Financial Bid Evaluation.
3. In case of two or three qualified Bidders, there shall be no elimination of H1 Bidder (who has quoted highest price Bid).
4. In case of four or higher qualified Bidders, the H1 Bidder shall be eliminated.
5. Reverse auction timeline extension shall be allowed for a maximum of 6 attempts for the responsive bidders.
6. For any queries related to reverse auction, bidders shall take help from the help desk support at the following numbers:
  - a. 0172-2970263, 2970284 and mobile number - 6284884511 (Punjab Government working days from 9.00 AM to 5.00 PM) and email id: eproc@punjab.gov.in

## Section 9: Instructions to Bidders

### 9.1 General

- 1) All information supplied by bidders shall be treated as contractually binding on the bidders on successful award of the assignment by Purchaser on the basis of this RFP.
- 2) No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of the Purchaser. Purchaser may cancel this RFP at any time prior to a formal written contract being executed by or on behalf of Purchaser.
- 3) Bid Documents are non-transferrable. Under any circumstance, tender once submitted will not be allowed to be withdrawn, altered or cancelled in part or in whole after the deadline for submission. In such an eventuality, the Earnest Money of the concerned tenderer firm shall be liable to be forfeited.
- 4) The bidder must ensure that the financial bid document is not submitted along with the technical bid. Any deviation from this requirement shall result in the bidder's immediate disqualification.

## 9.2 Validity of the bids

- 1) Bids shall remain valid for a period of 90 days from the last date of submission of bid. Purchaser reserves the right to reject a proposal valid for a shorter period as non-responsive.
- 2) In exceptional circumstances, the Purchaser may solicit the bidder's consent to extend the period of validity. The request and the response there to shall be made in writing. Extension of validity period by the bidder should be unconditional.
- 3) Purchaser reserves the right to annul the tender process, or to accept or reject any or all the bids in whole or part at any time without assigning any reasons and without incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

## 9.3 Tender Fee

The bidder may download the tender from the website as mentioned in document control sheet. The bidder shall furnish tender fee, as part of the Technical qualification Criteria, as per the details provided in the Document Control sheet. In case of any portal processing fees, it has to be borne separately by the bidder. This fees in non-refundable and non-transferable.

## 9.4 Amendment to the Tender document

- 1) Amendments necessitated due to any reasons, shall be made available only on website provided in the document control sheet. It shall be the responsibility of the bidders to keep on visiting the website to amend their bids incorporating the amendments so communicated through the website. Purchaser shall not be responsible for any oversight or negligence on part of the bidders on the amendments to the terms and conditions of the RFP notified through the website.
- 2) The corrigendum (if any) & any other related communication regarding this RFP shall be posted only on the website and no separate communication either in writing or through email will be made to any interested/ participating bidders.
  - a. Any such corrigendum(s) or addendum(s) or clarification(s) shall be deemed to be incorporated into the RFP.
- 3) Purchaser, at its discretion and at any moment of time, may extend the last date for the receipt of Bids.

## 9.5 Clarifications on Submitted bids

During process of evaluation of the Bids, Purchaser may, at its discretion, ask Bidders for clarifications on their bids. The Bidders are required to respond within the prescribed time frame given for submission of such clarification.

## 9.6 Earnest Money Deposit (EMD)

- 1) The bidder shall furnish EMD, as part of the Eligibility Criteria, as per detail provided in the Document Control sheet.
- 2) The EMD shall be in Indian Rupees and bidder has to pay through online mode.
- 3) EMD of the successful bidder will be released after the successful bidder signs the final agreement and furnishes the Performance Bank Guarantee (PBG) as performance security.
- 4) EMD of all unsuccessful bidders would be refunded by Purchaser as promptly as possible after signing of the agreement with the successful bidder.
- 5) The EMD submitted shall be interest free and will be refundable to the bidders without any accrued interest on it.
- 6) The Earnest Money will be forfeited on account of one or more of the following reasons:-
  - a. Bidder withdraws its bid during the validity period specified in the RFP.
  - b. Bidder does not respond to requests for clarification of its bid.
  - c. Bidder fails to provide required information during the evaluation process or is found to be non-responsive.
  - d. In case of a successful bidder, the said bidder fails to sign the contract in time; or furnish Performance Bank Guarantee in time.
  - e. Bidder submits any false/ forged/ fabricated document in their bids.

## 9.7 Preparation of Bid

The Bidder must comply with the following instructions during the preparation of Bid:

- 1) The Bidder is expected & deemed to have carefully examined all the instructions, guidelines, forms, requirements, appendices and other information along with all terms and conditions and other formats of the bid. Failure to furnish all the necessary information as required by the bid or submission of a proposal not substantially responsive to all the requirements of the bid shall be at Bidder's own risk and such bid shall be liable for rejection.
- 2) The Bid and all associated correspondence shall be written in English and shall conform to prescribed formats. If any supporting documents submitted are in any language other than English, translation of the same in English language is to be duly attested by the Bidders. Any interlineations, erasures or over

writings shall be valid only if they are authenticated by the authorized person signing the Bid.

- 3) The bid shall only be uploaded on the [www.eproc.punjab.gov.in](http://www.eproc.punjab.gov.in) website by the Bidder or duly authorized person(s) to bind the Bidder to the contract. The bids submitted by fax/e-mail etc. shall not be accepted. No correspondence will be entertained on this matter.
- 4) All payments / deposits / fees with respect to this RFP shall be in Indian Rupee only.
- 5) No bidder shall be allowed to modify, substitute, or withdraw the Bid after last date of its submission.
- 6) The bidder shall be responsible for all costs incurred in connection with participation in the Bid process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of bid, in providing any additional information required by Purchaser to facilitate the evaluation process, in negotiating definitive "Successful bidders" and all such activities related to the bid process. Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 7) Every page of the documents submitted by the bidder must be duly signed by the authorized signatory of the bidder along with the Organization seal.

## 9.8 Disqualifications

Purchaser may at its sole discretion and at any time during the evaluation of Bids, disqualify any Bidder, if the Bidder has:

- 1) Made misleading or false representations in the forms, statements and attachments submitted in proof of the eligibility requirements;
- 2) Exhibited a record of poor performance such as abandoning works, not properly completing the contractual obligations, inordinately delaying completion or financial failures, etc. in any project in the preceding five financial years.
- 3) Failed to provide clarifications related thereto, when sought;
- 4) Submitted more than one Bid (directly/in-directly);
- 5) Declared ineligible by the Government of India/State/UT Government for corrupt or fraudulent practices or blacklisted.
- 6) Submitted a bid with price adjustment/variation provision.
- 7) Documents are not submitted as specified in the RFP document.
- 8) Suppressed any details related to bid.

- 9) Submitted incomplete information, subjective, conditional offers and/or partial offers submitted or Not submitted documents as requested in this document
- 10) Submitted bid with lesser validity period
- 11) Any non-adherence/non-compliance to applicable RFP content

### 9.9 Deviations

Bids submitted with any deviations to the contents of the RFP will be considered as non-responsive. No deviation(s) / assumption(s) / recommendation(s) shall be allowed with the bid. Bidders must ensure that pre-bid meeting is attended by their authorized representatives so that all clarifications and assumptions are resolved before bid submission.

### 9.10 Notification of Award of Contract

Purchaser will notify the Successful Bidder in writing about acceptance of their bid. The notification of award will constitute the formation of the contract after submission of performance bank guarantee.

### 9.11 Performance Bank Guarantee

1. As soon as possible, but not more than 14 days following receipt of letter of award, the Agency shall furnish performance security in the form of Performance Bank Guarantee to Purchaser valuing @ 5% of the total contract value inclusive of the taxes.
2. This performance security shall be furnished in the form of Insurance Surety Bond , account payee demand draft, fixed deposit receipt from a commercial bank, bank guarantee issued/confirmed from any of the commercial bank in India, or online payment in an acceptable form, safeguarding the purchaser's interest in all respects. All the performance securities should be in the form of an unconditional, irrevocable and continuing Bank Guarantee. For physical PBG, agency may use the format as per the **Annexure 13.2**.
3. PBG against the work order shall remain valid for a period of 60 (Sixty) days beyond the expiry of the contract. Whenever the contract is extended, Agency will have to extend the validity of PBG proportionately.

4. In case the Agency fails to submit performance security within the time stipulated, Penalty will be applicable as per Section 12 of this RFP document.
5. The Agency will not be entitled for any interest on the performance security submitted.
6. Purchaser shall forfeit the performance security in full or in part in the following cases:
  - a. When the terms and conditions of contract are breached/ infringed.
  - b. When contract is being terminated due to non-performance of the Agency.
  - c. Purchaser incur any loss due to Agency's negligence in carrying out the project implementation as per the agreed terms & conditions.

In case any firm fails to abide by any terms & conditions of the tender or contract; its performance security will be liable to be forfeited and shall bear the loss as per conditions.

**EMD of Agency will be returned only on the submission of performance bank guarantee to the satisfaction of the Purchaser.**

#### 9.12 Signing of the Contract

- 1) The Successful Bidder will sign the contract with Purchaser within 7 working days of submission of Performance Bank Guarantee.
- 2) After signing of the contract, no variation in or modification of the terms of the contract shall be made except by mutual written amendment signed by both the parties.

#### 9.13 Fraud or Corrupt Malpractices

All the Bidders must observe the highest standards of ethics during the process of selection of "Successful Bidder" and during the performance and execution of contract.

For this purpose, definitions of the terms are set forth as follows:

- 1) "**Corrupt practice**" means the offering, giving, receiving or soliciting of anything of value to influence the action of the Purchaser or its personnel in contract executions.
- 2) "**Fraudulent practice**" means a misrepresentation of facts, in order to influence a selection process or the execution of a contract, and includes



collusive practice among bidders (prior to or after Proposal submission) designed to establish Proposal prices at artificially high or noncompetitive levels and to deprive Purchaser - of the benefits of free and open competition.

- 3) **“Unfair trade practice”** means supply of services different from what is ordered on, or change in the Scope of Work.
- 4) **“Coercive practice”** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the selection process or execution of contract.
- 5) Purchaser will reject a proposal for award, if it determines that the Bidder recommended for award, has been determined to having been engaged in corrupt, fraudulent, unfair trade or Coercive practices.
- 6) Purchaser will declare a bidder ineligible, either indefinitely or for a stated period of time, for award of contract, if bidder is found to be engaged in corrupt, fraudulent and unfair trade practice in competing for, or in executing, the contract at any point of time.

#### 9.14 Confidentiality

The Successful Bidder and their personnel shall not, either during the term or after expiration of this contract, disclose any proprietary or confidential information relating to the services, contract or the Purchaser or operations without the prior written consent of the Department.

#### 9.15 Duties, Taxes and Statutory Levies

- 1) The Bidder shall bear all personal taxes levied or imposed on account of payment received under this Contract.
- 2) The Bidder shall bear all corporate taxes, levied or imposed on account of payments received from Purchaser for the work done under this Contract.
- 3) Bidder shall bear all taxes and duties etc. levied or imposed under the Contract including but not limited to GST, Sales Tax, Customs duty, Excise duty, Octroi, Service Tax, Income Tax levied under Indian Income Tax Act – 1961 or any amendment thereof up to the date for submission of final price bid, i.e., on account of payments received by him for the work done under the Contract. It shall be the responsibility of the Bidder to submit to the concerned tax authorities the returns and all other connected documents required for this purpose. The Bidder shall also provide such information to the Purchaser from time to time, as it may be required in regard to the Bidder’s details of payment made by the Purchaser under the Contract for proper assessment of taxes and duties. The



amount of tax withheld by Purchaser shall at all times be in accordance with Indian Tax Law and will furnish to the Bidder original certificates (Challans) for tax deduction at source and paid to the Tax Authorities.

- 4) The Bidder shall be solely responsible for the payment /fulfillment of its tax liabilities and obligations under the Income Tax Act and other such laws in force and Purchaser shall not bear responsibility for the same.

## Section 10: Award of Contract

### 10.1 Notification to Bidder

Purchaser will notify the successful Bidder online that its bid has been accepted. After the notification of award, termed as Letter of Award or LOA, the successful bidder shall have to furnish PBG to the Purchaser within 14 days. Upon the furnishing of performance bank guarantee by the Successful Bidder, the Purchaser will promptly notify each unsuccessful Bidder online and EMD will be returned as per the RFP.

### 10.2 Signing of the Contract

Purchaser shall enter into a Contract Agreement, as specified in this document, with the successful Bidder. Successful bidder shall sign the agreement within 7 working days of submission of PBG.

### 10.3 Validity of the Contract and Data Retention Obligation

The Contract shall remain valid for a period of six (6) months from the date of signing and may be extended for an additional six (6) months.

Failure to comply with data retention obligations or to ensure a seamless transition of data to the Purchaser or its designated entity may result in legal action as deemed necessary by the Purchaser.

### 10.4 Expenses for the Contract

The incidental expenses of execution of Contract shall be borne by the Successful Bidder.

### 10.5 Failure to abide by the terms of Contract

Failure by the successful Bidder to agree with or comply with the Terms & Conditions of the Contract shall constitute sufficient grounds for the annulment of the award. In such a case, the Purchaser reserves the right to:

1. Forfeit the Earnest Money Deposit (EMD), Performance Bank Guarantee (PBG), or both.
2. Offer the contract to the second lowest bidder (L2) to match the rates of the L1 bidder and execute the contract.
3. If L2 declines, the offer will be extended to the third lowest bidder (L3), and so on, following the hierarchy.

In the event that no bidder agrees to work on the same terms and conditions, the Purchaser will initiate a re-tendering process.

## Section 11: General Contract Conditions

### 11.1 Standards of Performance

The Successful Bidder shall deliver the services and carry out their obligations under the contract with due diligence, efficiency and economy in accordance with generally accepted professional standards and practices. The Successful Bidder shall always act in respect of any matter relating to this contract as faithful Successful bidder to the Purchaser. The Successful bidder shall always support and safeguard the legitimate interests of the Purchaser, in any dealings with the third party. The Successful bidder shall conform to the standards laid down in the RFP in totality.

### 11.2 Prices

- 1) The total cost of supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab quoted in the Financial bid shall be inclusive of all statutory duties & taxes.
- 2) The prices shall remain valid for the complete contractual period. No upward revision in prices will be accepted after opening of the bids and during the validity of the contract. However, the "Successful Bidder" will pass on the benefit of any downward revision in the prices to the Purchaser. Such downward revision in prices (or a better price offer by the Successful bidder) must be intimated to the Purchaser in writing. Such downward revision in prices shall be in proportion (or higher) to decrease in the publicly declared rates of the Successful Bidder. Purchaser will validate the downward revision of prices and notify the new prices to the successful bidder. The revised prices, once notified by Purchaser, shall apply for all in-force and subsequent work orders. All invoices of in-force work orders too shall make immediate reference to the revised rates from the date on which the Successful bidder intimates the Purchaser.
- 3) In case it comes to the notice of the Purchaser that there has been a significant decrease in prices in the market, the Purchaser shall ask the concerned "Successful Bidder", to revise the prices accordingly.

### 11.3 Applicable Laws

Applicable Laws mean the laws and any other instruments having the force of law in India and State of Punjab as may be issued and in force from time to time. The

Contract shall be interpreted in accordance with the laws of the Union of India and the State of Punjab.

#### **11.4 Termination of Contract**

The Purchaser reserves the right to terminate or abandon the contract at any time, for reasons including but not limited to:

- Breaches of contract terms
- Non-performance or failure to meet the agreed deliverables.
- Force Majeure Events (e.g., natural disasters, political instability, pandemics).

In such cases, the bidder will be entitled only to payment for the work completed up to the date of termination. Further, the following shall be applicable:

##### **11.4.1 Termination of contract for default:**

The Procuring Entity, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Agency, may terminate the Contract in whole or in part:

- (i) if the Agency fails to deliver any or all of the Goods/Services/Works within the period specified in the Contract, or within any extension thereof granted by the Procuring Entity
- (ii) if the Agency fails to perform any other obligation under the Contract; or
- (iii) if the Agency, in the judgment of the Competent Authority has violated Code of Integrity and/or engaged in fraud and corruption, in competing for or in executing the Contract.

##### **11.4.2 Termination of contract for insolvency, dissolution etc.**

The Procuring Entity may at any time terminate the Contract by giving notice to the Agency if the Agency becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Procuring Entity.

##### **11.4.3 Termination for convenience**

The Procuring Entity, by notice sent to the Agency, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Entity's convenience, the extent to which

performance of the Agency under the Contract is terminated, and the date upon which such termination becomes effective.

### 11.5 Exit Management

- 1) The Exit Management process will start from one month prior to expiry of contract or extension given if any . In case of termination of contract, the exit management process will be executed preferably in a period of one month.
- 2) All information (including but not limited to documents, records and agreements provided to/ available with successful bidder) in digital and/or paper form relating to the contract considered necessary to enable Purchaser to carry out due diligence, must be maintained by the Successful Bidder from the commencement of the project.
- 3) The Successful Bidder shall not retain any copy of personally sensitive data related to the contract after the completion of the exit process.
- 4) The Successful Bidder shall ensure that all copies of personally sensitive data such as design of the card, sub fields, logos of the procuring entity etc. and information related to the contract under its possession or control are securely destroyed, whether in physical or electronic form. The destruction of data shall be carried out in compliance with industry best practices, relevant laws, and data protection regulations to ensure that the data cannot be recovered or reconstructed. Upon completion, the Successful Bidder shall issue a certificate of destruction signed by an authorized representative, confirming that all data has been securely destroyed. The Purchaser and/or its nominated agency shall have the right to audit the destruction process and review the certificate of destruction.

### 11.6 Loss of Property and/or Life

Claims of any loss of property and / or life during execution of the work by the Successful bidder under the contract would be borne entirely by the Successful Bidder and Purchaser shall not be held liable for any claims.

### 11.7 Representations and Warranties

The Successful Bidder represents and warrants that all services performed under this Agreement shall be of professional quality conforming to generally accepted industry practices. If in the opinion of the purchaser, any work done or supply made or service rendered by the successful bidder is deficient in any manner in comparison to the prescribed standards, purchaser shall be at liberty to impose penalty on the successful bidder.

## 11.8 Force Majeure

- 1) **“Force Majeure”** means an event beyond the control of the Successful Bidder and not involving his fault or negligence which are unforeseeable, restricted to, act of wars, riots or natural calamities.
- 2) If a Force Majeure situation arises, the Successful Bidder shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Successful Bidder shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 3) The Successful Bidder shall not be liable for forfeiture of its PBG or termination of contract for default if and to the extent that delays in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

## 11.9 Resolution of Disputes

If any dispute arises between parties, then these would be resolved in following ways:

- 1) **Amicable Settlement:** Performance of the Contract is governed by the terms and conditions of the Contract, however at times dispute may arise about any interpretation of any term or condition of Contract including the scope of work, the clauses of payments etc. In such a situation either party of the contract may send a written notice of dispute to the other party. The party receiving the notice of dispute will consider the Notice and respond to it in writing within 10 working days after receipt. If that party fails to respond within 10 working days, or the dispute cannot be amicably settled within 21 days following the response of that party, then the same would be referred for arbitration.
- 2) **Arbitration:** In case dispute arising between the parties, which has not been settled amicably as stated above, the aggrieved party shall refer the dispute for Arbitration under Arbitration and Conciliation Act, 1996 as amended till date.
- 3) Arbitration proceedings will be held at Chandigarh.

## 11.10 Legal Jurisdiction

All legal disputes between the parties shall be subject to the jurisdiction of the Courts situated in Chandigarh, India only.

### 11.11 Indemnity

Without limiting other rights which the Purchaser may have under this Agreement and at law, the “Successful Bidder” shall indemnify, defend, hold harmless and keep indemnified the Purchaser from and against any claim or loss including without limitation, fines, penalties and fees suffered and/or incurred by the Purchaser, its directors, officers, employees, agents and representatives (including reasonable legal fees and expenses), arising from or in connection with any breach of the terms and conditions of this Agreement or any act, neglect or default by the “Successful Bidder” or its agents, officers, directors, employees, personnel, or representatives.

### 11.12 Other Information

- 1) The successful bidder needs to ensure that blueprint/design of the pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab, is approved by the purchaser. Post approval of the blue print/design, successful bidder needs to showcase the trial run of the transaction which has to be verified and approved by the Purchaser, before going ahead with supply of pre-printed SCOSTA 64KB contact PVC smart cards with dual side printing of Driving License & Registration Certificate in the State of Punjab.
- 2) The successful bidder will have to ensure that preprinted PVC Cards & design of the Card shall exclusively for supply to the Transport Department Punjab cum Punjab State Transport Society (PSTS) and has to ensure that data is not shared with anyone at all.
- 3) The ownership of any data and the pre-printed SCOSTA contact (chips based) 64 Kb PVC smart cards for dual side printing shall at all-time rest with Purchaser and the Selected Bidder will have no proprietary or other rights in respect of the same.
- 4) The Successful Bidder shall be responsible for copyright issues concerning usage of images, text material, etc. obtained through various sources. Purchaser will not be a party to any disputes arising out of copyright violation by the Successful Bidder.
- 5) The Successful Bidder will be responsible for obtaining any permission that may be required for undertaking work as detailed in this RFP document. Purchaser may assist the Successful Bidder in this regard, wherever possible.
- 6) The Successful Bidder will at no time resort to plagiarism. Purchaser will not be a party to any dispute arising on account of plagiarism resorted to by the Successful Bidder. The Successful Bidder will indemnify Purchaser against any

claim, laws, damages, etc. arising out of the Successful Bidder having resorted to plagiarism or violation & IPR of any third party.

- 7) The design of the Smart card will be approved by the State Transport Commissioner, Punjab cum Member Secretary /CEO, PSTS. However, if in case during the project, the design of the Card is changed by the State Transport Commissioner, Punjab, as per the guideline of MORTH, the cost of re-designing shall have to be borne by the Vendor without charging any additional cost from the transport department/end user.
- 8) No Sub-letting shall be allowed.



## Section 12: Service Level Agreement and Penalty

S. No.	Service Parameter	SLA Requirement	Penalty for Non-Compliance
1.	Submission of PBG	14 days from the issue of LoA	Rs. 2000/- per day
2.	Signing of the contract	7 days from the submission of PBG .	Rs. 2000/- per day
3.	Delivery Timeline	First batch to be delivered within 15 days of agreement signing. Subsequent deliveries as per work orders.	₹10,000 per day of delay, up to a maximum of 10% of the contract value.
4.	Quantity Compliance	Supply 12,00,000 smart cards in batches as per work orders. The department can increase/decrease quantity by $\pm 25\%$ .	Failure to meet quantity requirements may lead to contract termination and forfeiture of EMD/PBG.
5.	SCOSTA & MoRTH Compliance	Cards must comply with SCOSTA & MoRTH standards and pass third-party quality checks.	Rejection of non-compliant cards; agency must replace it at no additional cost within 7 days ; failure to which shall lead to penalty of Rs 1000 per day up to a maximum of 10% of the contract value
6.	Card Quality & Durability	Cards must meet 5-year durability standards, including non-peeling, non-breakage, and non-smudging of text/images.	₹5,000 per batch failing quality tests; repeated failures may result in contract termination and forfeiture of EMD/PBG.

7.	Security Features Compliance	Must include holograms, UV printing, microtext, and guilloche patterns as per MoRTH specifications in notification issued dated 01 <sup>st</sup> March 2019 and its amendments thereof.	Non-compliance will lead to batch rejection; agency must reprint at own cost. Agency must replace it at no additional cost within 15 days ; failure to which shall lead to penalty of Rs 1000 per day up to a maximum of 10% of the contract value.
8.	Replacement of Damaged Pre-Printed Cards	The agency must replace any damaged pre-printed card at its own cost.	Non-replacement will attract a penalty of ₹500 per missing/damaged card.
9.	Packaging & Safe Transit	Smart cards must be securely packed to avoid moisture and physical damage.	₹2,000 per damaged batch due to poor packaging.
10.	Third-Party Testing Compliance	The agency must bear the cost of ISO 17025-accredited third-party lab testing.	Failure to cooperate with third-party testing will result in a penalty of ₹25,000 per instance.

**Note: Only and Only Competent Authority reserves the right to relax/waive off any penalty, subject to proper justification provided by the Agency.**

1. Any damage caused to the reputation of the Purchaser or the Government of Punjab due to any mismanagement by the Successful Bidder or its representatives, the Successful Bidder will be liable to pay such penalty as imposed by the Competent Authority, which could be upto 10% of the contract value, to the Purchaser within specified time or else Purchaser will take legal action against the Successful Bidder. Purchaser also reserves the right to deduct this penalty from the PBG submitted by the successful bidder to the Purchaser.
2. If the Successful bidder after taking up the work, leaves it incomplete/ delayed due to any reason, the purchaser shall have the right to forfeit the PBG/EMD/unpaid invoices and also black-list the successful bidder.

3. In case Successful bidder is found sharing of the data with anyone, purchaser shall be at liberty to impose penalty decided by the Purchaser and/or initiate legal proceedings on the successful bidder and also black-list the successful bidder.
4. If in the opinion of the purchaser, any work done or supply made or service rendered by the successful bidder is deficient in any manner in comparison to the prescribed standards, purchaser shall be at liberty to impose penalty on the successful bidder. The Purchaser shall decide on the penalty to be imposed on the violation/ non-adherence to the service levels.

## Section 13: Annexures

### 13.1 Self-Declaration on not being blacklisted (To be scanned and uploaded) - Notarized affidavit on stamp paper of Rs. 100/-)

Date: XX/XX/XXXX

To,

The Member Secretary,  
Punjab State Transport Society, Department of Transport  
Government of Punjab  
SCO 177-178, Sector 17C,  
Chandigarh 160017

Subject: Declaration for not being insolvent, bankrupt or debarred.

Reference: <Enter RFP No>

Dear Sir/Madam,

I/We confirm that as on date, <Name of the firm/company> including our Directors, Partners and Officers:

- a. Has not been blacklisted/ Debarred by any Central Govt. or State Government Ministry/ Department/ PSU/ Agency/Board/ Organization in India at the time of submission of the bid due to any reason whatsoever.
- b. Has not been ever insolvent, in receivership, bankrupt or being wound up, doesn't have its affairs administered by court or judicial officer, doesn't have our business activities suspended and are not be the subject of legal proceedings for any of the foregoing reasons.
- c. Have not been convicted of any criminal offence related to their professional conduct or the making of false statements or misrepresentations as to their qualifications within a period of five years as on date of submission of bid or not have been otherwise disqualified pursuant to debarment proceedings.

Sincerely Yours,

(Signature of Authorized Signatory)

Name:

Title:

## 13.2 Format for Performance Bank Guarantee (Hard copy required post contract is awarded)

### **Performance Bank Guarantee (Draft Format)**

Ref: \_\_\_\_\_

Date: \_\_\_\_\_

Bank Guarantee No.: \_\_\_\_\_

To,

The Member Secretary,  
Punjab State Transport Society, Department of Transport  
Government of Punjab  
SCO 177-178, Sector 17C,  
Chandigarh 160017

Dear Sir,

PERFORMANCE BANK GUARANTEE – For Selection of an Agency for supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab WHEREAS

M/s. (name of Successful Bidder), a <company registered under the Companies Act, 1956/2013 or partnership firm registered under Indian Partnership act 1932/2013 or Limited Liability Partnership firm registered under the Indian Limited Liability Partnership act 2008, having its registered and corporate office at (address of the Bidder), (hereinafter referred to as “our constituent”, which expression, unless excluded or repugnant to the context or meaning thereof, includes its successors and assigns), agreed to enter into a Contract dated ..... (herein after, referred to as “Contract”) with you for Selection of an Agency for supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab in the said Contract.

We are aware of the fact that as per the terms of the Contract, M/s. (name of Successful Bidder) is required to furnish an unconditional and irrevocable Bank Guarantee in your favor for an amount of 5 % of the total contract value, and guarantee the due performance by our constituent as per the Contract and do hereby agree and undertake to pay any and all amount due and payable under this bank

guarantee, as security against breach/ default of the said Contract by our Constituent.

In consideration of the fact that our constituent is our valued customer and the fact that he has entered into the said Contract with you, we, (name and address of the bank), have agreed to issue this Performance Bank Guarantee.

Therefore, we (name and address of the bank) hereby unconditionally and irrevocably guarantee you as under:

In the event of our constituent committing any breach / default of the said Contract, and which has not been rectified by him, we hereby agree to pay you forthwith on demand such sum/s not exceeding the sum of 5 % of the Total Contract Value i.e.,.....<in words> without any demur.

Notwithstanding anything to the contrary, as contained in the said Contract, we agree that your decision as to whether our constituent has made any such default(s) / breach(es), as aforesaid and the amount or amounts to which you are entitled by reasons thereof, subject to the terms and conditions of the said Contract, will be binding on us and we shall not be entitled to ask you to establish your claim or claims under this Performance Bank Guarantee, but will pay the same forthwith on your demand without any protest or demur.

This Performance Bank Guarantee shall continue and hold good for a period of five years from the date of signing of Contract between the Purchaser and the Successful Bidder, subject to the terms and conditions in the said Contract.

We bind ourselves to pay the above said amount at any point of time commencing from the date of signing of Contract between Purchaser and the Successful Bidder.

We further agree that the termination of the said Agreement, for reasons solely attributable to our constituent, virtually empowers you to demand for the payment of the above said amount under this guarantee and we would honor the same without demur.

We hereby expressly waive all our rights:

- i. Requiring to pursue legal remedies against the Department; and
- ii. For notice of acceptance hereof any action taken or omitted in reliance hereon, of any defaults under the Contract and any resentment, demand, protest or any notice of any kind.

We the Guarantor, as primary obligor and not merely Surety or Guarantor of collection, do hereby irrevocably and unconditionally give our guarantee and undertake to pay any amount you may claim (by one or more claims) up to but not exceeding the amount mentioned aforesaid during the period from and including the date of issue of this guarantee through the period.

We specifically confirm that no proof of any amount due to you under the Contract is required to be provided to us in connection with any demand by you for payment under this guarantee other than your written demand.

Any notice by way of demand or otherwise hereunder may be sent by special courier, telex, fax, registered post or other electronic media to our address, as aforesaid and if sent by post, it shall be deemed to have been given to us after the expiry of 48 hours when the same has been posted.

If it is necessary to extend this guarantee on account of any reason whatsoever, we undertake to extend the period of this guarantee on the request of our constituent under intimation to you.

This Performance Bank Guarantee shall not be affected by any change in the constitution of our constituent nor shall it be affected by any change in our constitution or by any amalgamation or absorption thereof or therewith or reconstruction or winding up, but will ensure to the benefit of you and be available to and be enforceable by you during the period from and including the date of issue of this guarantee through the period.

Notwithstanding anything contained hereinabove, our liability under this Performance Guarantee is restricted to 5 % of the Contract Value, and shall continue to exist, subject to the terms and conditions contained herein, unless a written claim is lodged on us on or before the aforesaid date of expiry of this guarantee.

We hereby confirm that we have the power/s to issue this Guarantee in your favor under the Memorandum and Articles of Association / Constitution of our bank and the undersigned is / are the recipient of authority by express delegation of power/s and has / have full power/s to execute this guarantee under the Power of Attorney issued by the bank in your favor.

We further agree that the exercise of any of your rights against our constituent to enforce or forbear to enforce or any other indulgence or facility, extended to our constituent to carry out the contractual obligations as per the said Contract, would not release our liability under this guarantee and that your right against us shall

remain in full force and effect, notwithstanding any arrangement that may be entered into between you and our constituent, during the entire currency of this guarantee.

Notwithstanding anything contained herein:

This Performance Bank Guarantee shall be valid for a period of 6 months from the date of signing of Contract between the Purchaser and the Successful Bidder.

We are liable to pay the guaranteed amount or part thereof under this Performance Bank Guarantee only and only if we receive a written claim or demand during the currency of contract i.e. 6 months from the date of signing of Contract between the Purchaser and the Successful Bidder.

Any payment made hereunder shall be free and clear of and without deduction for or on account of taxes, levies, imports, charges, duties, fees, deductions or withholding of any nature imposts.

This Performance Bank Guarantee must be returned to the bank upon its expiry. If the bank does not receive the Performance Bank Guarantee within the above-mentioned period, subject to the terms and conditions contained herein, it shall be deemed to be automatically cancelled.

This guarantee shall be governed by and construed in accordance with the Indian Laws and we hereby submit to the exclusive jurisdiction of courts of Justice in India for the purpose of any suit or action or other proceedings arising out of this guarantee or the subject matter hereof brought by you may not be enforced in or by such court.

Dated ..... this ..... day ..... 2025.

Yours faithfully,

For and on behalf of the ..... Bank,

(Signature)

Designation

(Address of the Bank)



**Note:**

This guarantee will attract stamp duty as a security bond.

A duly certified copy of the requisite authority conferred on the official/s to execute the guarantee on behalf of the bank should be annexed to this guarantee for verification and retention thereof as documentary evidence in the matter.

**Note: In case of additional demand, separate 5 % Performance Bank Guarantee of the total value of raised quantity will have to be submitted/deposited by the selected bidder.**

### 13.3 Authorization Letter

#### On company Letter head

Date: XX/XX/XXXX

To,

The Member Secretary,  
Punjab State Transport Society, Department of Transport  
Government of Punjab  
SCO 177-178, Sector 17C,  
Chandigarh 160017

Subject: Letter of Authorization

Reference: <Enter RFP No>

Dear Sir/Madam,

<Name> <Designation> is hereby authorized to sign & stamp relevant documents on behalf of the <Company> in dealing with this RFP Document published vide No. \_\_\_\_\_ dated \_\_\_\_\_. He is also authorized to attend meetings and submit Technical and Financial bid or any clarification/additional information as may be required by you in the course of processing above said RFP.

Sincerely Yours,

(Signature of Authorized Signatory)	(Signature of the person Authorized by the Successful Bidder)
Name:	Name:
Title:	Title:
Stamp:	Stamp:

## 13.4 Self-Declaration

### On company Letter head

Date: XX/XX/XXXX

To,

The Member Secretary,  
Punjab State Transport Society, Department of Transport  
Government of Punjab  
SCO 177-178, Sector 17C,  
Chandigarh 160017

Subject: Declaration of Acceptance of RFP Terms & Conditions

Reference: <Enter RFP No>

Dear Sir/Madam,

I/we have carefully gone through the Terms & Conditions contained in the RFP [Tender Ref No.....] regarding — Selection of an Agency for supply of pre-printed SCOSTA 64KB contact PVC smart cards for dual side printing of Driving License & Registration Certificate in the State of Punjab. I/we declare that all the provisions of this RFP/Tender Document are acceptable to my company/Firm.

I/we further certify that I am/we are authorized signatory(ies) of the company/firm and, therefore, competent to make this declaration.

Sincerely Yours,

(Signature of Authorized Signatory)

Name:

Title:

Stamp:

## 13.5 Self-Declaration

### On company Letter head

Date: XX/XX/XXXX

To,

The Member Secretary,  
Punjab State Transport Society, Department of Transport  
Government of Punjab  
SCO 177-178, Sector 17C,  
Chandigarh 160017

Subject: Regarding Compliance with Intellectual Property Rights

Reference: <Enter RFP No>

Dear Sir/Madam,

I/We, the undersigned, do hereby declare that our company/firm, [Company Name], has not violated or infringed upon any Indian or foreign trademark, patent, registered design, or other intellectual property rights.

I/We further certify that there are no pending or past legal disputes, claims, or proceedings against our company/firm regarding the infringement of intellectual property rights in India or abroad.

Furthermore, I/We confirm that I/we am/are the authorized signatory(ies) of the company/firm and am/are competent to make this declaration.

Sincerely Yours,

(Signature of Authorized Signatory)

Name:

Title:

Stamp:

## 13.6 MORTH Notification dated 1<sup>st</sup> March 2019



2021101385 MOTH  
Notification.pdf

**The Copy of notification attached after Annexure 13.8**

## 13.7 Compliance Report

The technical qualification criteria and the documents required are as under:

S.No	Technical Criteria	Documents Required	Remarks Yes/No
16.	Fee for applying in the RFP should have been submitted. (There is no exemption of tender fee for any category)	INR 5,000/- (Rupees Five Thousand Only) through online mode available on e-tendering portal <a href="https://eproc.punjab.gov.in">https://eproc.punjab.gov.in</a> . In case of any portal processing fees, it has to be borne separately by the bidder.	
17.	Earnest Money Deposit (EMD) should have been submitted. (There is no exemption of EMD fee for any category)	INR 10,00,000/- (Rupees Ten Lakh Only) through online mode available on e-tendering portal <a href="https://eproc.punjab.gov.in">https://eproc.punjab.gov.in</a>	
18.	The bidder must be a registered entity under Indian laws.	Certificate of Incorporation/Registration: <ul style="list-style-type: none"> <li>• For companies: Certificate issued by the Registrar of Companies under the Companies Act, 2013.</li> <li>• For partnerships: Registered partnership deed.</li> <li>• For sole proprietors: GST Registration or Trade License.</li> <li>• For other entities (e.g., cooperative societies or trusts): Certificate of Registration under the respective act</li> </ul>	

19.	The signatory signing the bid on behalf of the bidder should be duly authorized by the Board of Directors / Partners of the bidder to sign the bid on their behalf.	Authorization letter as per Annexure 13.3	
20.	The bidder must be an OEM/Manufacturer of Chip-based cards for any three of the last five (5) Financial Years, i.e., from FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23 and FY 2023-24. Additionally, the bidder must have ongoing operations in the current Financial Year (FY 2024-25) to ensure active industry participation.	Copies of at least one valid purchase order and work completion certificate (or agreement) for each of the three selected financial years, clearly indicating work related to chip-based cards. Additionally, for FY 2024-25, the bidder must submit a valid purchase order or ongoing work agreement as proof of current operations.  <b>.Note: The Department reserves the right to verify the authenticity of the documents submitted and may request additional information if needed.</b>	
21.	The Bidder must have an average annual turnover of at least Rupees 1.5 Crores from the business of manufacturing and supply of Chip based cards only for last three audited financial years FY 2021-22, 2022-23 and 2023-24.	<ul style="list-style-type: none"> <li>• Audited Balance sheet and Profit &amp; Loss account statement of the Bidder for each of the last 3 audited financial years FY 2021-22, 2022-23 and 2023-24.</li> <li>• Certificate duly signed by Statutory Auditor/ CA/ Company Secretary of the Bidder mentioning the turnover from Chip based cards printing and supply activities in each</li> </ul>	

		<p>of the 3 given financial years.</p> <ul style="list-style-type: none"> <li>• UDIN</li> </ul>	
22.	The bidder must possess a valid GSTIN and PAN No.	Copy of the GST Certificate and PAN	
23.	The Bidder should have positive net worth and should be a profit-making company for each of the last three audited financial years FY 2021-22, 2022-23 and 2023-24.	Certificate duly signed by Statutory Auditor/ CA of the Bidder confirming the net-worth and profit after Tax paid for each of the specified years.	
24.	The bidder must have a valid SCOSTA certificate in its own name as on date of submission of bid for the Contact based PVC Smart cards required under the project.	Copy of Letter/valid certificate issued	
25.	Bidder must have successfully completed at least one single work order of Chip based Plastic card printing & supplies of at least 9.6 lakh cards or two work orders of Chip based Plastic card printing & supplies of at least 6 Lakh cards each or three work orders of Chip based Plastic card printing & supplies of at least 4.8 lakh cards each to Central Government/ State Government Ministry/ Department/ Organization/ PSU/ Board/ Corporation or Nationalized Banks during last	<p>Copies of work orders mentioning the exact Order Quantity and satisfactory work completion certificate.</p> <p>Note: In case of ongoing work where completion certificate cannot be produced, at least one payment should have been received by the bidder.</p>	



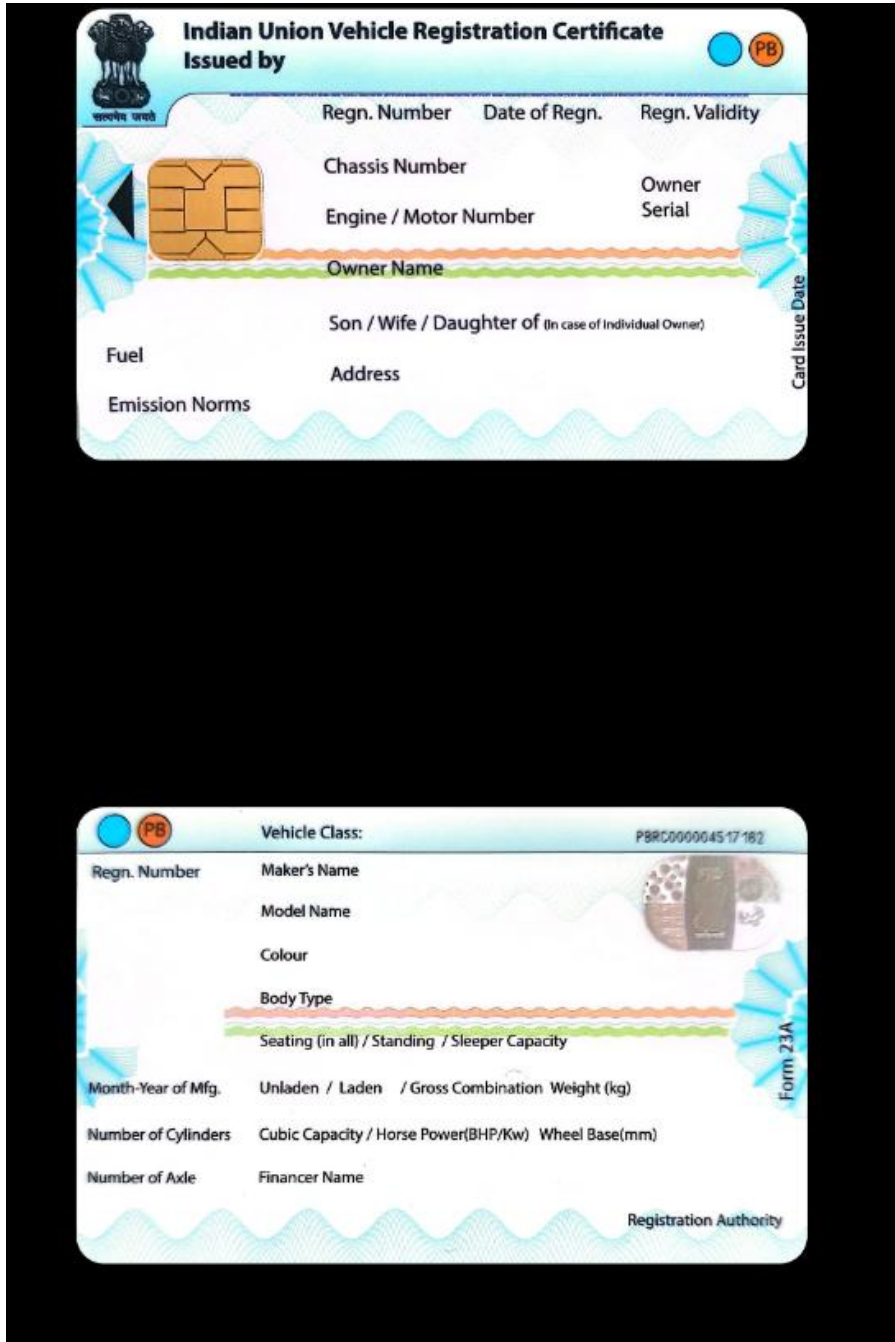
	5 (Five) financial years i.e. from FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23, FY 2023-24.		
26.	Bidder has to submit a test report of the Chip based Plastic card from the ISO 17025 certified 3 <sup>rd</sup> party Laboratory as per the Technical specifications of the card mentioned in this document	Copy of test report from the laboratory. Laboratory ISO certificate needs to be submitted as well.  Bidder must provide at least 5 sample cards for testing, validated by an ISO 17025-accredited laboratory on or before the time of technical bid evaluation in the O/o Punjab State Transport Society ,SCO 177-178,Sec 17 C ,Chandigarh	
27.	The bidder shall submit the undertaking that the bidder including its Directors, Partners and Officers:  a. Has not been blacklisted/ Debarred by Central Govt. or any State Government – Ministry/ Department/ PSU/ Agency/Board/ Organization in India at the time of submission of the bid due to any reason whatsoever.  b. Has not been ever insolvent, in receivership, bankrupt or being wound up, doesn't have its affairs administered by court or judicial officer, doesn't have our business activities suspended	Notarized Affidavit on Stamp Paper of INR 100/-  Format attached at Annexure 13.1	

	<p>and are not the subject of legal proceedings for any of the foregoing reasons.</p> <p>c. Have not been convicted of any criminal offence related to their professional conduct or the making of false statements or misrepresentations as to their qualifications during last five years from the date of submission of bid or not have been otherwise disqualified pursuant to debarment proceedings as on date.</p>		
28.	Scanned copy of this RFP document, corrigendum (if any), clarification issued by Purchaser (If any), duly signed and stamp on each page by the authorized signatory of the bidder as a mark of acceptance of all conditions of this RFP.	Scanned and signed copy of the RFP along with a cover letter on company letterhead. Format Attached at Annexure 13.4	
29.	The bidder should submit a valid ISO 9001:2015 and 27001:2013 certificate	Copy of valid Certificates	
30.	The bidder should not have violated or infringed upon any Indian or foreign trademark, patent, registered design, or other intellectual property rights.	Self Declaration in this regard to be submitted as per Annexure 13.5	

**Note: All documents are to be scanned and uploaded online. No Physical copies will be accepted .**

### 13.8 Sample Card Design







# भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 154] नई दिल्ली, शुक्रवार, मार्च 1, 2019/फाल्गुन 10, 1940  
No. 154] NEW DELHI, FRIDAY, MARCH 1, 2019/PHALGUNA 10, 1940

## सड़क परिवहन और राजमार्ग मंत्रालय

### अधिसूचना

नई दिल्ली, 1 मार्च, 2019

**सा.का.नि. 174(अ).**—केंद्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए कतिपय नियमों का प्रारूप, मोटर यान अधिनियम, 1988 (1988 का 59 ) की धारा 212 की उपधारा (1) की अपेक्षानुसार भारत के राजपत्र, असाधारण, भाग II, खंड 3, उप-खण्ड (i) में भारत सरकार के सड़क परिवहन और राजमार्ग मंत्रालय की अधिसूचना संख्या सा.का.नि. 1073(E) तारीख 30 अक्टूबर, 2018 द्वारा प्रकाशित किया गया था जिसमें प्रभावित व्यक्तियों से उस तारीख से, जिसको उक्त अधिसूचना वाले राजपत्र की प्रतियां जनता को उपलब्ध करवा दी गयी थीं। तीस दिन अवधि की समाप्ति के पूर्व आरोप और सुझाव मांगे गए थे;

उक्त राजपत्र अधिसूचना की प्रतियां जनता के लिए 30 अक्टूबर, 2018 को उपलब्ध कराई गई थीं;

और प्रारूप नियमों, उक्त के संबंध में जनता से प्राप्त आपत्तियों और सुझावों पर केन्द्रीय सरकार द्वारा यथा विचार किया गया है;

अतः अब, मोटर यान अधिनियम, 1988 (1988 का 59) की धारा 27 और धारा 64 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए केन्द्रीय सरकार केन्द्रीय मोटर यान नियम, 1989 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :-

1. **संक्षिप्त नाम और प्रारंभ** - (1) इन नियमों का संक्षिप्त नाम केन्द्रीय मोटर यान (द्वितीय संशोधन) नियम, 2019 कहा जाएगा।

(2) ये 1 अक्टूबर, 2019 से प्रवृत्त होंगे।

## 2. केन्द्रीय मोटर यान नियम, 1989 में -

(क) नियम 16 में -

(i) उप-नियम (1) में शब्द और संख्या "प्ररूप 6" के स्थान पर निम्नलिखित रखा जाएगा, अर्थात् :-

"उपबंध 11 में अनुबद्ध विशिष्टताओं को सुनिश्चित करने के लिए प्ररूप 7 में चिप के बिना एक लेमिनेटिड कार्ड प्रकार अथवा स्मार्ट कार्ड प्रकार के रूप में";

(ii) उप-नियम (2) में "लेमिनेटिड कार्ड प्रकार अथवा स्मार्ट कार्ड प्रकार के चालन अनुज्ञप्ति, ऐसे कार्ड प्रकार अथवा", शब्दों के स्थान पर निम्नलिखित शब्दों को रखा जाएगा, अर्थात् :-

"स्मार्ट कार्ड प्रकार का चालन अनुज्ञप्ति, जैसे";

(iii) उप-नियम (3) का लोप किया जाएगा;

(ख) नियम 18 के उप-नियम (1) के खंड (ख) के स्थान पर निम्नलिखित 'खंड' रखा जाएगा, अर्थात् :-

"(ख) आवेदक की नवीनतम पासपोर्ट आकार की छायाप्रति,";

(ग) नियम 32 के 'टिप्पण' में 'खंड 1' के स्थान पर निम्नलिखित 'खंड' रखा जाएगा, अर्थात्:-

"1. जहां प्ररूप 7 में चिप के बिना लेमिनेटिड कार्ड अथवा स्मार्ट कार्ड प्रकार का चालन अनुज्ञप्ति जारी किया जाता है, वहां दो सौ रूपए का अतिरिक्त शुल्क वसूला जाएगा।";

(घ) नियम 48 में शब्द और संख्या "प्ररूप 23 अथवा प्ररूप 23क" शब्दों और आंकड़ों के स्थान पर निम्नलिखित शब्द और आंकड़े रखे जायेंगे;

"उपबंध 11 में अनुबद्ध विशिष्टताओं को सुनिश्चित करने के लिए प्ररूप 23क"

(ङ.) नियम 81 में 'टिप्पण 2' के स्थान पर निम्नलिखित 'टिप्पण' रखा जाएगा, अर्थात् :-

"टिप्पण 2. जहां रजिस्ट्रीकरण प्रमाण-पत्र चिप के बिना लेमिनेटिड कार्ड के रूप में जारी किया जाता है अथवा स्मार्ट कार्ड प्रकार का चालन अनुज्ञप्ति जारी किया जाता है, वहां किराया खरीद अथवा पट्टे या दृष्टि बंधन करार का निरसन किए जाने के पश्चात् नया रजिस्ट्रीकरण प्रमाण-पत्र जारी करने के सिवाय दो सौ रूपए का अतिरिक्त शुल्क वसूल किया जाएगा।";

(च) "प्ररूप 6" का लोप किया जाएगा;

(छ) "प्ररूप 7" के स्थान पर निम्नलिखित 'प्ररूप' रखा जाएगा, अर्थात् :-

"प्ररूप 7

[(नियम 16 (1) और (2) देखें]

चालन अनुज्ञप्ति के लिए प्ररूप (चिप के बिना लेमिनेटिड कार्ड अथवा स्मार्ट कार्ड)

दृश्य (दृष्टिक) निरीक्षण जोन









## 2. विशिष्टताएं

<b>(क) कार्ड का आकार – 85.6 एमएम x 54.02 एमएम +/- 2 एमएम; न्यूनतम मोटाई 0.7 एमएम</b>							
(i) कार्ड या तो बिना चिप वाले लेमिनेटिड कार्ड के प्ररूप में; अथवा आईएसओ/आईईसी 7816- भाग 1, 2, 3, 4, 8 और 9, आईएस16695 ( भाग 1: 2018) स्मार्ट कार्ड टेम्पलेट आर्किटेक्चर भाग 1 : बेसिक कमांड सेट (जिसे सामान्य तौर पर एससीओएसटीए कांटेक्ट स्मार्ट कार्ड) की अनुपालना में आईसीसी (इंटीग्रेटिड सर्किट कार्ड) के प्ररूप में परिभाषित टेम्पलेट के अनुसार; अथवा							
(ii) आईएसओ/आईईसी 14443- भाग 1, 2, 3 और 4, आईएसओ/आईईसी 7816- भाग 4, 8 और 9, आईएस16695 (पार्ट 1: 2018) स्मार्ट कार्ड टेम्पलेट आर्किटेक्चर पार्ट 1 : बेसिक कमांड सेट (जिसे सामान्य तौर पर एससीओएसटीए कांटेक्टलेस स्मार्ट कार्ड) की अनुपालना में तथा आईएसओ/आईईसी 7810 आईडी-1 मानक की अनुपालना में कार्ड डायमेंशंस सहित पीआईसीसी (प्रोक्सिमिटी इंटीग्रेटिड सर्किट कार्ड), यदि उपबंध किया गया हो।							
<b>(ख) फॉट प्रकार और आकार विशिष्टियां</b>							
सामने की तरफ				पीछे की तरफ			
क्र.सं.	विशेषताएं	फॉट का नाम	आकार	क्र.सं.	विशेषताएं	फॉट का नाम	आकार
1.	राज्य/ संघ राज्य क्षेत्र कोड	मिरियाड प्रो रेगुलर	7 पीटी	1.	चालन अनुज्ञप्ति नम्बर	मिरियाड प्रो बोल्ड	8 पीटी
2.	राष्ट्रीय प्रतीक	सिम्बल	7.37 एमएम x 12.28 एमएम	2.	क्यूआर कोड (जैसाकि केंद्रीय सरकार द्वारा विनिर्दिष्ट किया गया)	लागू नहीं	15 एमएम x 15 एमएम
3.	कार्ड हेडर	मिरियाड प्रो बोल्ड	9 पीटी	3.	अवैध मालवाहक वाहन# (रजिस्ट्रीकरण संख्या)	मिरियाड प्रो रेगुलर	7 पीटी
4.	चालन अनुज्ञप्ति संख्या	मिरियाड प्रो बोल्ड	9 पीटी	4.	जोखिम वैधता#	मिरियाड प्रो रेगुलर	7 पीटी
5.	आईसी चिप (यदि विकल्प चुना जाए)	लागू नहीं	लागू नहीं	5.	पर्वतीय वैधता#	मिरियाड प्रो रेगुलर	7 पीटी
6.	जारी करने की तारीख	मिरियाड प्रो रेगुलर	7 पीटी	6.	वाहन की श्रेणी तालिका (वाहन की श्रेणी, कोड, द्वारा जारी, जारी करने की तारीख, वाहन की श्रेणी, बैज संख्या, बैज संख्या#, बैज जारी करने की तारीख#, द्वारा बैज जारी किया गया#)	मिरियाड प्रो रेगुलर	5 पीटी

7.	वैधता (एनटी)	मिरियाड प्रो रेगुलर	7 पीटी	7.	आपातकालीन सम्पर्क नम्बर	मिरियाड प्रो रेगुलर	6 पीटी				
8.	वैधता (टीआर)#	मिरियाड प्रो रेगुलर	7 पीटी	8.	अनुज्ञप्ति देने वाला प्राधिकारी	मिरियाड प्रो रेगुलर	6 पीटी				
9.	नाम	मिरियाड प्रो रेगुलर	7 पीटी	9.	नियम 16 (2) का प्रपत्र 7	मिरियाड प्रो रेगुलर	6 पीटी				
10.	जन्म तिथि	मिरियाड प्रो रेगुलर	7 पीटी								
11.	रक्त समूह	मिरियाड प्रो रेगुलर	7 पीटी								
12.	अंग दाता	मिरियाड प्रो रेगुलर	7 पीटी								
13.	का पुत्र/पुत्री/पत्नी	मिरियाड प्रो रेगुलर	7 पीटी								
14.	पता	मिरियाड प्रो रेगुलर	7 पीटी								
15.	प्रथम बार जारी की तारीख	मिरियाड प्रो रेगुलर	6 पीटी								
16.	धारक के हस्ताक्षर	मिरियाड प्रो रेगुलर	5 पीटी								
17.	फोटो	लागू नहीं	14.82 एमएम x 14.82 एमएम								
# : जहां लागू न हो अथवा तत्संबंधी विकल्प न चुने जाने पर लेबल और मूल्य दोनों को ही रिक्त रखा जाएगा।											

(ग) पृष्ठभूमि रंग ब्योरा					
सामने की तरफ			पीछे की तरफ		
क्र.सं.	हेक्स कोड	प्रिंट कलर	क्र.सं.	हेक्स कोड	प्रिंट कलर
सी1.	#f8951d	सी: 0 एम: 49 वाई: 100 के:0	सी 1.	#ddf1fa	सी:12 एम: 1 वाई:1 के:0
सी 2.	ग्रेडिएंट कलर शीर्ष: #e7f5f5 बॉटम:#a3daf7	ग्रेडिएंट कलर शीर्ष:सी:8 एम: 0 वाई:3 के:0 बॉटम:सी:33 एम: 1 वाई:0 के:0	सी 2.	ग्रेडिएंट कलर शीर्ष: #e7f5f5 बॉटम:#a3daf7	ग्रेडिएंट कलर शीर्ष: सी:8 एम: 0 वाई:3 के:0 बॉटम:सी:33 एम:1 वाई:0 के:0
सी 3.	#edf8fc	सी:6 एम: 0 वाई:1 के:0	सी 3.	#edf8fc	सी:6 एम: 0 वाई:1 के:0

**मशीन द्वारा पढ़े जाने वाला भाग (केवल स्मार्ट कार्ड का विकल्प चुनने पर ही लागू)**

संबंधित राज्य सरकारें मशीन द्वारा पढ़े जाने वाले भाग में अनुज्ञप्ति की निम्नलिखित विशेषताओं का उपबंध करेंगी, अर्थात :-

क्र.सं.	फील्ड
1.	<b>चालन अनुज्ञप्ति धारक व्यक्ति का ब्यौरा :</b>
	चालन अनुज्ञप्ति नम्बर (डीएल)
	चालन अनुज्ञप्ति धारक का नाम
	चालन अनुज्ञप्ति धारक का पूरा नाम
	लिंग
	संरक्षक (माता/पिता/पति) का नाम
	संरक्षक के साथ संबंध (अर्थात : पुत्र, पत्नी, पुत्री)
	जन्म तिथि (दिन/माह/वर्ष प्रारूप में)
	प्रथम पहचान चिन्ह
	द्वितीय पहचान चिन्ह
	रक्त समूह
	मोबाइल नम्बर
	ई-मेल आईडी :
	वैकल्पिक मोबाइल नम्बर
	आपात स्थिति में सम्पर्क किए जाने वाला नम्बर
	स्थायी पता
	स्थायी पते का पिनकोड
	स्थायी पते में राज्य कोड
	स्थायी पते में जिले का नाम
	स्थायी पते में उप-मंडल/तालुका का नाम
	स्थायी पते में ग्राम का नाम
	वर्तमान पता
	वर्तमान पते में राज्य कोड
वर्तमान पते का पिनकोड	
वर्तमान पते में जिले का नाम	
वर्तमान पते में उप-मंडल/तालुका का नाम	
वर्तमान पते में ग्राम का नाम	
2.	<b>अनुज्ञप्ति का ब्यौरा :</b>
	से वैध (परिवहन) (दिन/माह/वर्ष प्रारूप में)
	तक वैध (परिवहन) (दिन/माह/वर्ष प्रारूप में)
	से वैध (गैर-परिवहन) (दिन/माह/वर्ष प्रारूप में)
	तक वैध (गैर-परिवहन) (दिन/माह/वर्ष प्रारूप में)
चालन अनुज्ञप्ति जारी करने की प्रथम तारीख (दिन/माह/वर्ष प्रारूप में)	

	प्रथम (मूल) जारी करने वाला प्राधिकारी
	जोखिम वैधता की तारीख (दिन/माह/वर्ष प्रारूप में)
	पर्वतीय क्षेत्र वैधता की तारीख (दिन/माह/वर्ष प्रारूप में)
	उस प्राधिकारी का नाम जिसने परिवहन प्राधिकार जारी किया था
	परिवहन प्राधिकार संख्या
	परिवहन प्राधिकार तारीख (दिन/माह/वर्ष प्रारूप में)
	अवैध मालवाहक वाहन रजिस्ट्रीकरण संख्या
	अवैध मालवाहक द्वितीय वाहन रजिस्ट्रीकरण संख्या, यदि कोई हो
	अवैध मालवाहक तृतीय वाहन रजिस्ट्रीकरण संख्या, यदि कोई हो
<b>3.</b>	<b>वाहन की श्रेणी का ब्यौरा :</b>
	वाहन की श्रेणी (सीओवी)
	वाहन की श्रेणी जारी करने की तारीख (दिन/माह/वर्ष प्रारूप में)
	वाहन की श्रेणी – द्वारा जारी की गई (नाम और पदनाम)
	बैज संख्या
	बैज जारी करने की तारीख (दिन/माह/वर्ष प्रारूप में)
	द्वारा बैज जारी किया गया – एलए कार्यालय
<b>4.</b>	<b>चित्र ब्यौरा :</b>
	चालन अनुज्ञप्ति धारक का छायाचित्र
	चालन अनुज्ञप्ति धारक के हस्ताक्षर
<b>5.</b>	<b>प्रवर्तन ब्यौरा :</b>
	चालान/इनवार्ड संख्या
	चालान की तारीख (दिन/माह/वर्ष प्रारूप में)
	पृष्ठांकन प्राधिकारी की आईडी
	पृष्ठांकन प्राधिकारी का नाम
	उल्लंघन किया गया नियम/धारा
	अनर्हता प्रकार (निलम्बन/निरस्त)
	से अनर्हता अवधि (दिन/माह/वर्ष प्रारूप में)
	तक अनर्हता अवधि (दिन/माह/वर्ष प्रारूप में)
	निलंबित किए गए/निरस्त किए गए वाहन की श्रेणी
	निपटान तारीख
	समीक्षा तारीख (दिन/माह/वर्ष प्रारूप में)
	समीक्षा प्राधिकारी का नाम
	टिप्पणी :-



(ज) 'प्ररूप 23' का लोप किया जाएगा ;

(झ) 'प्ररूप 23 क' के स्थान पर निम्नलिखित 'प्ररूप' रखा जाए, अर्थात :-

**“प्ररूप 23 क****[नियम 48 देखें]**


रजिस्ट्रीकरण प्रमाण-पत्र (चिप के बिना लेमिनेटिड कार्ड अथवा स्मार्टकार्ड)  
दृश्य (दृष्टिक) निरीक्षण जोन

1.(क). कार्ड में सामने की तरफ डिजाइन में दृश्य प्ररूप में निम्नलिखित डाटा सम्मिलित होंगे :-


Indian Union Vehicle Registration Certificate Issued by XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		XY	AB
	<b>Regn. Number</b> XXXXXXXXXX	<b>Date of Regn.</b> DD-MM-YYYY	<b>Regn. Validity*</b> DD-MM-YYYY
	<b>Chassis Number</b> XXXXXXXXXXXXXXXXXX	<b>Owner Serial</b>	XX
	<b>Engine / Motor Number</b> XXXXXXXXXXXXXXXXXX		
	<b>Owner Name</b> XX		
	<b>Son / Wife / Daughter of (In case of Individual Owner)</b> XX		
<b>Fuel</b> XXXXXXXXXXXXXXXXXX	<b>Address</b> XX		
<b>Emission Norms</b> XXXXXXXXXXXXXXXXXX	XX		
	XX		
	XX		

Card Issue Date (DD-MM-YYYY)

(ख). कार्ड की पीछे की तरफ डिजाइन में दृश्य प्ररूप में निम्नलिखित डाटा सम्मिलित होंगे -

XY	AB	Vehicle Class: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX (XXX)	
<b>Regn. Number</b> XXXXXXXXXX	<b>Maker's Name</b> XX		
	<b>Model Name</b> XX		
	<b>Colour</b> XX		
	<b>Body Type</b> XX		
	<b>Seating (in all) / Standing<sup>#</sup> / Sleeper<sup>#</sup> Capacity</b> XXX / XXX / XXX		
<b>Month-Year of Mfg.</b> MM-YYYY	<b>Unladen / Laden<sup>#</sup> / Gross Combination<sup>#</sup> Weight (kg)</b> XXXXXX / XXXXXX / XXXXXX		
<b>Number of Cylinders</b> XX	<b>Cubic Capacity / Horse Power(BHP/Kw)</b> XXXXXX / XXXXXX	<b>Wheel Base(mm)</b> XXXXXX	
<b>Number of Axle<sup>#</sup></b> XX	<b>Financer Name<sup>#</sup></b> XX		

Form 23A

  
Registration Authority  
XXXXXXXXXXXXXXXXXX

- (ग). कार्ड की विशेषताओं का ब्यौरा निम्नानुसार होगा, अर्थात :-  
 (क) सामने की तरफ :

Indian Union Vehicle Registration Certificate Issued by XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
Regn. Number XXXXXXXXXX	Date of Regn. DD-MM-YYY	Regn. Validity* DD-MM-YYY
Chassis Number XXXXXXXXXXXXXXXXXXXX	Owner Serial	
Engine / Motor Number XXXXXXXXXXXXXXXXXXXX		
Owner Name XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
Son / Wife / Daughter of (in case of Individual Owner) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
Fuel XXXXXXXXXXXXXXXXXX	Address XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Emission Norms XXXXXXXXXXXXXXXXXX		

Card Issue Date (DD-MM-YYYY)

- (ख) पीछे की तरफ :

Vehicle Class: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX (XXX)		
Regn. Number XXXXXXXXXX	Maker's Name XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
QR Code	Model Name XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Month-Year of Mfg. MM-YYYY	Colour XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Number of Cylinders XX	Body Type XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Number of Axle# XX	Seating (in all) / Standing# / Sleeper# Capacity XXX / XXX / XXX	
	Unladen / Laden# / Gross Combination# Weight (kg) XXXX / XXX / XXXXX	
	Cubic Capacity / Horse Power(BHP/Kw) Wheel Base(mm) XXXXXX / XXXXX / XXXXX	
	Financer Name# XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	

Registration Authority  
XXXXXXXXXXXXXXXXXXXX

## 2. विशिष्टताएं -

(क) कार्ड का आकार – 85.6 एमएम x 54.02 एमएम +/- 2 एमएम; न्यूनतम मोटाई 0.7 एमएम

(i) कार्ड या तो बिना चिप वाले लेमिनेटेड कार्ड के प्ररूप में; अथवा

आईएसओ/आईईसी 7816-पार्ट 1, 2, 3, 4, 8 और 9, आईएस16695 (पार्ट 1: 2018) स्मार्ट कार्ड टेम्पलेट आर्किटेक्चर पार्ट 1 : बेसिक कमांड सेट (जिसे सामान्य तौर पर एससीओएसटीए कांटेक्ट स्मार्ट कार्ड) की अनुपालना में आईसीसी (इंटीग्रेटेड सर्किट कार्ड) के प्ररूप में परिभाषित टेम्पलेट के अनुसार; अथवा

(ii) आईएसओ/आईईसी 14443- पार्ट 1, 2, 3 और 4, आईएसओ/आईईसी 7816-पार्ट 4, 8 और 9, आईएस16695 (पार्ट 1: 2018) स्मार्ट कार्ड टेम्पलेट आर्किटेक्चर पार्ट 1 : बेसिक कमांड सेट (जिसे सामान्य तौर पर एससीओएसटीए कार्टेक्टलेस स्मार्ट कार्ड) की अनुपालना में तथा आईएसओ/आईईसी 7810 आईडी-1 मानक की अनुपालना में कार्ड डायमेंशंस सहित पीआईसीसी (प्रोक्सीमिटी इंटीग्रेटेड सर्किट कार्ड), यदि उपबंध हो।

**(ख) फॉट प्रकार और आकार विशिष्टियां**

सामने की तरफ				सामने की तरफ			
क्र.सं.	क्र.सं.	क्र.सं.	क्र.सं.	क्र.सं.	क्र.सं.	क्र.सं.	क्र.सं.
1.	श्रेणी (एनटी/टीआर)- एक्सवाई	मिरियाड प्रो रेगुलर	7 पीटी	1.	श्रेणी (एनटी/टीआर)- एक्सवाई	मिरियाड प्रो रेगुलर	7 पीटी
2.	राज्य/ संघ राज्य क्षेत्र कोड-एवी	मिरियाड प्रो रेगुलर	7 पीटी	2.	राज्य/ संघ राज्य क्षेत्र कोड- एवी	मिरियाड प्रो रेगुलर	7 पीटी
3.	सुनहरा राष्ट्रीय प्रतीक	सिम्बल	7.37 एमएम x 12.28 एमएम	3.	वाहन श्रेणी	मिरियाड प्रो रेगुलर	6 पीटी
4.	कार्ड हेडर	मिरियाड प्रो बोल्ड	8 पीटी	4.	वाहन का प्रकार (उदाहरण के लिए एलएमवी/एचएमवी/एचजीवी इत्यादि)	मिरियाड प्रो रेगुलर	6 पीटी
5.	आईसी चिप (यदि विकल्प चुना जाए)	लागू नहीं	लागू नहीं	5.	रजिस्ट्रीकरण संख्या	मिरियाड प्रो रेगुलर	6 पीटी
6.	ईंधन	मिरियाड प्रो रेगुलर	7 पीटी	6.	क्यूआर कोड (केन्द्रीय सरकार द्वारा विनिर्देशन के अनुसार)	लागू नहीं	15 एमएम x 15 एमएम
7.	उत्सर्जन मानक	मिरियाड प्रो रेगुलर	7 पीटी	7.	विनिर्माण का माह और वर्ष	मिरियाड प्रो रेगुलर	5.5 पीटी
8.	रजिस्ट्रीकरण संख्या	मिरियाड प्रो बोल्ड	7 पीटी	8.	सिलेंडरों की संख्या	मिरियाड प्रो रेगुलर	5.5 पीटी
9.	रजिस्ट्रीकरण की तारीख	मिरियाड प्रो बोल्ड	7 पीटी	9.	एक्सल की संख्या#	मिरियाड प्रो रेगुलर	5.5 पीटी
10.	रजिस्ट्रीकरण की वैधता* (परिवहन/वाणिज्यिक वाहन के लिए "फिटनेस के अनुसार" मुद्रित किया जाएगा)	मिरियाड प्रो बोल्ड	7 पीटी	10.	विनिर्माता का नाम	मिरियाड प्रो रेगुलर	5.5pt
11.	चेसिस नम्बर	मिरियाड प्रो रेगुलर	7 पीटी	11.	मॉडल का नाम	मिरियाड प्रो रेगुलर	5.5 पीटी
12.	इंजन/मोटर नम्बर	मिरियाड प्रो रेगुलर	7 पीटी	12.	रंग	मिरियाड प्रो रेगुलर	5.5 पीटी

13.	मालिक का नाम	मिरियाड प्रो रेगुलर	7 पीटी	13.	बाँडी प्रकार	मिरियाड प्रो रेगुलर	5.5 पीटी
14.	का पुत्र/पुत्री/पत्नी (पृथक मालिक के मामले में)	मिरियाड प्रो रेगुलर	7 पीटी	14.	बैठने की (कुल) क्षमता	मिरियाड प्रो रेगुलर	5.5 पीटी
15.	पता	मिरियाड प्रो रेगुलर	7 पीटी	15.	स्टैंडिंग क्षमता#	मिरियाड प्रो रेगुलर	5.5 पीटी
16.	कार्ड जारी करने की तारीख	मिरियाड प्रो रेगुलर	6 पीटी	16.	स्पीपर क्षमता#	मिरियाड प्रो रेगुलर	5.5 पीटी
17.	मालिक का क्रमांक	मिरियाड प्रो रेगुलर	7 पीटी	17.	लदान रहित भार (किग्रा.)	मिरियाड प्रो रेगुलर	5.5 पीटी
				18.	लदान भार# (किग्रा.)	मिरियाड प्रो रेगुलर	5.5 पीटी
				19.	सकल कुल भार# (किग्रा.)	मिरियाड प्रो रेगुलर	5.5 पीटी
				20.	क्यूबिक क्षमता (केडब्ल्यू)	मिरियाड प्रो रेगुलर	5.5 पीटी
				21.	हार्स पावर (बीएचपी)	मिरियाड प्रो रेगुलर	5.5 पीटी
				22.	व्हील बेस (एमएम)	मिरियाड प्रो रेगुलर	5.5 पीटी
				23.	फाइनेंसर का नाम#	मिरियाड प्रो रेगुलर	5.5 पीटी
				24.	रजिस्ट्रीकरण प्राधिकारी का नाम	मिरियाड प्रो रेगुलर	5.5 पीटी
				25.	फार्म 23 ए	मिरियाड प्रो रेगुलर	6 पीटी

# : जहां लागू न हो अथवा तत्संबंधी विकल्प न चुने जाने पर लेबल और मूल्य दोनों को ही रिक्त रखा जाएगा।

(ग) पृष्ठभूमि रंग ब्योरा					
सामने की तरफ			पीछे की तरफ		
क्र.सं.	हेक्स कोड	प्रिंट मीडिया के लिए	क्र.सं.	हेक्स कोड	प्रिंट मीडिया के लिए
सी1.	#44c7f1	सी:60 एम:0 वाई:1 के:0	सी1.	#44c7f1	सी:60 एम:0 वाई:1 के:0
सी2.	#f8951d	सी:0 एम:49 वाई:100 के:0	सी2.	#f8951d	सी:0 एम:49 वाई:100 के:0
सी3.	ग्रेडिएंट कलर शीर्ष: # e7f5f5 बॉटम: #a3daf7	ग्रेडिएंट कलर शीर्ष: सी:8 एम: 0 वाई:3 के:0 बॉटम: सी:33 एम:1 वाई:0 के:0	सी3.	ग्रेडिएंट कलर शीर्ष: # e7f5f5 बॉटम: #a3daf7	ग्रेडिएंट कलर शीर्ष: सी:8 एम: 0 वाई:3 के:0 बॉटम: सी:33 एम:1 वाई:0 के:0



सी4.	ग्रेडिएंट कलर शीर्ष: #ffffff बॉटम: #cbe5ef	ग्रेडिएंट कलर शीर्ष: सी:0 एम: 0 वाई:3 के:0 बॉटम: सी:9 एम: 2वाई : 3 के:0	सी4.	ग्रेडिएंट कलर शीर्ष: #ffffff बॉटम: #cbe5ef	ग्रेडिएंट कलर शीर्ष: सी:0 एम: 0 वाई:3 के:0 बॉटम: सी:9 एम:2 वाई:3 के:0
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**मशीन द्वारा पढ़े जाने वाला भाग (केवल स्मार्ट कार्ड का विकल्प चुनने पर ही लागू)**

संबंधित राज्य सरकारें मशीन द्वारा पढ़े जाने वाले भाग में रजिस्ट्रीकरण प्रमाण-पत्र की निम्नलिखित विशेषताओं का प्रावधान करेंगी, अर्थात :-

क्र.सं.	क्षेत्र
1.	<b>रजिस्ट्रीकरण ब्यौरा :</b>
	रजिस्ट्रीकरण संख्या
	रजिस्ट्रीकरण की तारीख (दिन/माह/वर्ष प्रारूप में)
	क्रय की तारीख (दिन/माह/वर्ष प्रारूप में)
	रजिस्ट्रीकरण का प्रकार (एन, ए, ओ, डी)
	रजिस्ट्रीकरण वैधता (दिन/माह/वर्ष प्रारूप में)
	<b>(परिवहन/वाणिज्यिक वाहन के लिए "फिटनेस के अनुसार" अंकित किया जाए)</b>
	डीलर का नाम
	रजिस्ट्रीकरण प्राधिकारी का नाम
2.	<b>व्यक्तिगत ब्यौरा :</b>
	मालिक का नाम
	का पुत्र/पत्नी/पुत्री (यदि पृथक स्तर पर हो)
	मालिक का वर्तमान पता
	मालिक का स्थायी पता
	मालिक की क्रमांक संख्या
	स्वामित्व प्रकार
3.	<b>वाहन का ब्यौरा:</b>
	वाहन की श्रेणी
	निर्माता/विनिर्माता
	मॉडल
	सिलेंडर की संख्या
	हार्स पावर (फार्मेट 99999.99)
	बैठने की क्षमता
	स्टैंडिंग क्षमता
	स्पलीपर क्षमता
	लदान रहित भार (किग्रा.)
	लदान भार (किग्रा.)
	सकल कुल भार, यदि लागू हो (किग्रा.)
	व्हीलबेस (एमएम)

	क्यूबिक क्षमता (फार्मेट 99999.99)
	फ्लोर एरिया (वर्ग मीटर) (फार्मेट 999.999)
	ईंधन
	चेसिस नम्बर
	इंजन नम्बर
	बॉडी का प्रकार
	रंग
	विनिर्माण का माह और वर्ष (माह/वर्ष)
	विक्रय राशि
	उत्सर्जन मानक
	ऊंचाई (एमएम)
	लम्बाई (एमएम)
	चौड़ाई (एमएम)
	एसी फिटिड (हां/नहीं)
	विडियो फिटिड (हां/नहीं)
	आडियो फिटिड (हां/नहीं)
<b>4.</b>	<b>परिवहन यान का एक्सल ब्यौरा :</b>
	एक्सल की संख्या
	टायर की संख्या – फ्रंट एक्सल
	टायर की संख्या – रियर एक्सल
	टायर की संख्या – टेंडेम एक्सल
	टायर की संख्या – अन्य एक्सल
	फ्रंट एक्सल (टायर का विवरण और आकार)
	रियर एक्सल (टायर का विवरण और आकार)
	टेंडेम एक्सल (टायर का विवरण और आकार)
	अन्य एक्सल (टायर का विवरण और आकार)
	फ्रंट एक्सल भार (किग्रा.)
	रियर एक्सल भार (किग्रा.)
	टेंडेम एक्सल भार (किग्रा.)
	अन्य एक्सल भार (किग्रा.)
	ओवरहेंग
	रियरहेंग
<b>5.</b>	<b>संलग्न ट्रेलर/सेमी-ट्रेलर का अतिरिक्त ब्यौरा (यदि लागू हो) :</b>
	संलग्न सेमी-ट्रेलर की संख्या
	संलग्न ट्रेलर की रजिस्ट्रीकरण संख्या
<b>6.</b>	<b>लिकड हार्स वाहन सं. का अतिरिक्त ब्यौरा (यदि यह आरसी सेमी-ट्रेलर/ट्रेलर की हो) :</b>
	हार्स वाहन की रजिस्ट्रीकरण संख्या, यदि लागू हो
<b>7.</b>	<b>हाइपोथिकेसन ब्यौरा*3 :</b>
	फाइनेंसर का नाम

<b>8.</b>	<b>चालान विवरण*40 :</b>
	चालान संख्या.
	आरोपित श्रेणी (डी-चालक, सी-परिचालक, ओ-मालिक)
	धारा (धाराएं) (यदि 1से अधिक हों तो डिलिमिटर के साथ केवल कोड)
	चैलेंज करने वाले अधिकारी का नाम
	स्थान
	चालान की तारीख और समय, दिन/माह/वर्ष तथा घंटे/मिनट प्ररूप में
	निपटान अधिकारी का नाम
	शास्ति
	रसीद संख्या
<b>9.</b>	<b>स्थायी अनुमति-पत्र ब्यौरा :</b>
	अनुमति-पत्र संख्या
	अनुमति-पत्र का प्रकार (विवरण)
	अनुमति-पत्र जारी करने वाले प्राधिकारी का नाम
	से वैध (दिन/माह/वर्ष प्रारूप में)
	तक वैध (दिन/माह/वर्ष प्रारूप में)
	प्रतिस्थापन तारीख (दिन/माह/वर्ष प्रारूप में)
	क्षेत्र (अर्थात् स्थानीय, जिला, क्षेत्र, राज्य इत्यादि)
	से रूट (मार्ग)
	तक रूट
	चरण
	मार्ग की लम्बाई (कि.मी.)
	प्रतिदिन आवाजाही (ट्रिप)
<b>10.</b>	<b>उल्लिखित वाहन (यथा-उल्लिखित वाहन की रजिस्ट्रीकरण संख्या) के साथ पंजीकृत अतिरिक्त अथवा वैकल्पिक सेमी-ट्रेलर (ट्रेलर्स) का ब्यौरा :</b>
	बॉडी प्रकार
	लदान रहित भार (किग्रा.)
	लदान युक्त भार (किग्रा.)
	चेसिस नम्बर
	फ्रंट एक्सल (संख्या, टायर का विवरण और आकार)
	रियर एक्सल (संख्या, टायर का विवरण और आकार)
	टेंडेम एक्सल (संख्या, टायर का विवरण और आकार)
	अन्य एक्सल (संख्या, टायर का विवरण और आकार)
	फ्रंट एक्सल भार (किग्रा.)
	रियर एक्सल भार (किग्रा.)
	टेंडेम एक्सल भार (किग्रा.)
	अन्य एक्सल भार (किग्रा.)
	<b>11.</b>
क्रिट विनिर्माता	

किट का प्रकार
किट कार्यशाला
किट सीरियल नम्बर
किट पीयूसीसी मानदंड
कार्यशाला लाइसेंस नम्बर
फिटमेंट तारीख (दिन/माह/वर्ष प्ररूप में)
हाइड्रो परीक्षण तारीख (दिन/माह/वर्ष प्ररूप में)
सिलेंडर सीरियल नम्बर

(ज) 'उपाबंध 11' के स्थान पर निम्नलिखित 'उपाबंध' रखा जाए, अर्थात :-

### "उपाबंध 11

#### [ नियम 2, नियम 16 और नियम 48 के खंड (खंडों) को देखें ]

1. बिना चिप लेमिनेटिड कार्ड प्रकार अथवा स्मार्ट कार्ड प्रकार के चालन अनुज्ञप्ति और रजिस्ट्रीकरण प्रमाण-पत्र की विशिष्टताएं -

- (क) समेकित सर्किट कार्ड (आईसीसी, जिसे सामान्यतः कांटेक्ट स्मार्ट कार्ड कहा जाता है) अथवा प्रोक्सीमिटी समेकित सर्किट कार्ड (पीआईसीसी, जिसे सामान्यतः कांटेक्टलेस स्मार्ट कार्ड कहा जाता है)।
- (ख) आईसीसी, आईएसओ/आईईसी 7816-1, 2 और 3 तथा पीआईसीसी, आईएसओ/आईईसी 14443-1, 2, 3 और 4 की अनुपालना में जारी किए जाएंगे।
- (ग) आईसीसी और पीआईसीसी दोनों ही आईएसओ/आईईसी 7816-4, 8 और 9; आईएस-16695 भाग 1, 2018 (जिसे सामान्यतः एससीओएसटीए के नाम से जाना जाता है) की अनुपालना में होंगे।
- (घ) ईईपीआरओएम अथवा फ्लैश के रूप में स्थिर मैमोरी सहित न्यूनतम 10 वर्ष तक डाटा प्रतिधारण।
- (ङ) स्थिर मैमोरी के लिए न्यूनतम 300,000 लेखन चक्र।
- (च) हर्डवेयर (कंट्रोलर) ईएएल 4+ (अथवा इससे अधिक) की अनुपालना और प्रमाणन में होगा और इसके लिए माइक्रोकंट्रोलर (आरओएम आधारित ओएस कार्यान्वयन के मामले में) के मूल्यांकन के सुरक्षा लक्ष्य सहित सामान्य मानदंड प्रमाण-पत्र अथवा बूट लोडर/फ्लैश लोडर/स्मार्ट प्रोग्राम/बूट प्रोग्राम (फ्लैश आधारित ओएस कार्यान्वयन के मामले में) सहित माइक्रोकंट्रोलर, जो सामान्य मानदंड प्रमाण-पत्र के अधीन होगा। सामान्य मानदंड प्रमाण-पत्र का तात्पर्य है बीएसआई-सीसी-पीपी-0035-2007/बीएसआई-सीसी-पीपी-0084-2014 (अथवा नवीनतम) संरक्षण रूप-रेखा।
- (छ) प्रचालन प्रणाली को चिप निर्माता के पूर्ण स्वामित्व वाली सुविधा में जल स्तर तक चिप सहित फ्लैश मैमोरी अथवा आरओएम में लोड किया जाएगा और इसे सुविधा उपकरण में इस प्रकार लगाया जाएगा कि इसे आंशिक तौर पर अथवा पूर्ण तौर पर न तो बदला जा सके, न आशोधित किया जा सके, न मिटाया जा सके या हटाया जा सके।
- (ज) प्रचालन अनुकूल तापमान 25 से. से +55 से. तक होगा।
- (झ) पाली बिनाइल क्लोराइड (पीवीसी) के लिए : ग्लासी सरफेस के लिए पाली बिनाइल क्लोराइड (पीवीसी)/एक्रीलोनाइट्राइल ब्यूटाडाइन स्टाइरिन (एबीएस)/पेट जी प्लास्टिक कंस्ट्रक्शन का लेप किया जाना चाहिए ताकि कलर सबलिमेशन प्रिंटिंग हो सके।

- (ज) पालीकार्बोनेट कार्ड के लिए : बिना किसी गोंद अथवा एडहेसिव के ताप और दाब सहित (लेमिनेटिड) शुद्ध पालीकार्बोनेट परत का प्रयोग करते हुए बहु-परत वाले कार्ड का निर्माण। बाह्य परत सहित कार्ड बाडी सामग्री लेजर एनग्रेविंग के माध्यम से स्वयं के उपयोग हेतु उपयुक्त होगा।

## II. चालन अनुज्ञप्ति और रजिस्ट्रीकरण प्रमाण-पत्र हेतु सामग्री विनिर्देशन -

- (क) **कार्ड के परिमाण (लम्बाई-चौड़ाई)** – चालन अनुज्ञप्ति और रजिस्ट्रीकरण प्रमाण-पत्र के लिए उपयोग में लाया जाने वाला कार्ड आईडी-1 अप्रयुक्त और वापस लौटाए गए कार्डों के लिए सुपरिभाषित आईएसओ/आईईसी 7810 मानक की अनुपालना में होगा। आईडी-1 कार्डों के लिए सह्यता, किनारों की अस्पष्टता इत्यादि आईएसओ/आईईसी 7810, खंड 5 में यथा परिभाषित के अनुरूप होगी। कार्ड के भी आयामों का मापन आईएसओ/आईईसी 10373-1 में यथा परिभाषित मानक परीक्षण परिस्थितियों के अधीन खंड 5.2 में यथा परिभाषित आईएसओ/आईईसी 10373-1 मानक के अनुसार किया जाएगा।
- (ख) **कार्ड वारपेज और सतह विरूपण** – कार्ड की 'फ्लैट रिजिड प्लेट' से 'कनवेक्स सरफेस' के किसी भाग तक अधिकतम दूरी कार्ड की मोटाई सहित 1.5 एमएम से अधिक नहीं होगी। इसके अतिरिक्त, तैयार कार्ड की अधिकतम और न्यूनतम मोटाई के बीच का अंतर 0.10 एमएम से अधिक नहीं होगी। अधिकतम और न्यूनतम मोटाई का मापन करने के लिए काटेक्ट चिप पर भी विचार किया जाएगा। इस प्रकार, सम्पूर्ण आईसी काटेक्ट सरफेस का कोई भी बिन्दु 0.10 एमएम से ऊपर तथा 0.10 एमएम से नीचे नहीं होगा। यह परीक्षण आईएसओ/आईईसी 10373-1 में यथा वर्णित मानक मापन पद्धति का प्रयोग करते हुए किया जाएगा।
- (ग) **कार्ड सामग्री और निर्माण** – कार्ड का निर्माण पालीविनाइल क्लोराइड (पीवीसी), एक्रिलोनाइड्राइल ब्यूटाडाइन स्टाइरीन (एबीएस) अथवा पेट जी या पाली कार्बोनेट प्लास्टिक सामग्री का प्रयोग करते हुए किया जाएगा, जब तक कि अन्यथा विनिर्दिष्ट न किया जाए। कार्ड का निर्माण आईएसओ 7816-2 की अनुपालना में काटेक्ट चिप (आईसीसी हेतु) का अंतर्वेशन करते हुए बांडिड सामग्रियों की सहायता से किया जाएगा।
- (घ) **कार्ड की विशेषताएं** – कार्ड की विशेषताओं को आईएसओ/आईईसी 7810 मानक में परिभाषित किया जाएगा, जैसाकि यहां रेखांकित किया गया है :-
- (i) वंकन कठोरता - (1). वंकन कठोरता को आईएसओ/आईईसी 7810 मानक में परिभाषित किया जाएगा। इसकी परीक्षण प्रक्रिया-विधियों का ब्यौरा आईएसओ/आईईसी 10373-1, खंड 5.7 में दिया गया है। वंकन कठोरता परीक्षण के लिए कार्ड का निम्नलिखित चार विन्यासों में प्रयोग किया जाएगा, अर्थात :-
- (क) अंतःस्थापित चिप ऊपर की ओर तथा कार्ड का किनारा बंधित उपकरण की तरफ करते हुए कार्ड को चिप के नजदीक लाकर।
- (ख) अंतःस्थापित चिप ऊपर की ओर तथा कार्ड का किनारा बंधित उपकरण की तरफ करते हुए कार्ड को चिप से दूर ले जाकर।
- (ग) अंतःस्थापित चिप नीचे की ओर तथा कार्ड का किनारा बंधित उपकरण की तरफ करते हुए कार्ड को चिप के नजदीक लाकर।
- (घ) अंतःस्थापित चिप नीचे की ओर तथा कार्ड का किनारा बंधित उपकरण की तरफ करते हुए कार्ड को चिप से दूर ले जाकर।
- (2) सभी चार विन्यासों में अधिकतम अनुमत्य वंकन विरूपण एक समान होगा।
- (ii) **रसायनों का प्रतिरोधक** – कार्ड आईएसओ/आईईसी 7810, खंड 8.4 में यथा-उल्लिखित रसायनों का प्रतिरोधक होगा। रसायन प्रतिरोध की जांच अल्पकालिक तथा दीर्घकालिक संदूषण के लिए रिएजेंट्स का प्रयोग करते हुए आईएसओ/आईईसी 10373-1, खंड 5.4 में रेखांकित प्रक्रिया-विधि के अनुसार की जाएगी।
- (iii) **भंडारण अपेक्षाएं** - (1). दस्तावेज के इस खंड में यथा-उल्लिखित कार्ड की विशेषताएं भंडारण अपेक्षाओं के तौर पर निम्नलिखित ताप और आर्द्रता परिस्थितियों में अपरिवर्तित होगी, अर्थात :-

(क) तापमान रेंज - 5-40°से।

(ख) सापेक्ष आर्द्रता रेंज - 10-85 प्रतिशत।

(2). कार्ड की वंकन कठोरता का परीक्षण इसे निम्नलिखित दो पर्यावरणीय परिस्थितियों में रखते हुए की जाएगी, अर्थात :-

(I) 5°से. तापमान और 10 प्रतिशत सापेक्ष आर्द्रता, और

(II) 40°से. तापमान और 85 प्रतिशत सापेक्ष आर्द्रता।

(3). इन दो परिस्थितियों में से प्रत्येक के लिए अनावरण हेतु पर्यावरणीय परिस्थिति में कार्ड को एक घंटे के लिए रखा जाएगा। यह परीक्षण केवल कार्ड की विशेषताओं को स्थापित करती है तथा यह मुद्रण संबंधी किसी विशेषता, जिनको आगे परिभाषित किया गया है, को स्थापित नहीं करती है।

(iv) विशलकन सुदृढ़ता – कार्ड सामग्री की संघटक परतों की विशलकन सुदृढ़ता आईएसओ/आईईसी 7810, खंड 8.8 में विनिर्दिष्ट न्यूनतम स्तर की होगी। विशलकन सुदृढ़ता की जांच 90° विशलकन कोण के साथ आईएसओ/आईईसी 10373-1, खंड 5.4 में रेखांकित प्रक्रिया विधि के अनुसार की जाएगी।

(v) आसंजन प्रतिरोध – (क) जब तैयार कार्डों को 5 कार्डों के स्टॉक में एक साथ रखा जाता है और ऊपर 1.5 किलोग्राम का निबल भार रखा जाता है और इन्हें 7 दिन तक  $40 \pm 3^\circ$ से. ताप, 80 प्रतिशत सापेक्ष आर्द्रता पर रखा जाता है, तो कोई भी कार्ड पर कोई प्रतिकूल प्रभाव जैसे लेमिनेशन हटना, रंग उड़ना अथवा साथ के कार्डों पर रंग अंतरित होना, सतही परिवर्तन होना, एक कार्ड से दूसरे कार्ड तक सामग्री अंतरित होना और विरूपण नहीं होगा। सभी कार्डों के भौतिक आयाम इस दस्तावेज के खंड 5 में यथा उल्लिखित स्थिति में कायम रहेंगे।

(ख) कार्डों को ढेर के बीच में से यादृच्छिक तरीके से हाथ द्वारा आसानी से अलग करते हुए इनका परीक्षण किया जाएगा तथा रंग अंतरण, रंग उड़ने, सतही बनावट इत्यादि की बनावट में परिवर्तनों का निरीक्षण किया जाएगा। प्रत्येक परीक्षण के उपरांत इस दस्तावेज में उल्लिखित सीमाओं के भीतर कार्डों के आयामों, कार्ड वारपेज और सतही विरूपण की जांच की जाएगी।

(ड) **गत्यात्मक वंकन** - कार्डों की गत्यात्मक वंकन जांच आईएसओ/आईईसी 10373-1, खंड 5.8 में रेखांकित प्रक्रिया-विधि के अनुसार की जाएगी। आईएसओ/आईईसी 10373-1 में यथा परिभाषित एचवी और एचडब्ल्यू पैरामीटर्स (अर्थात एक्सिस वी के साथ वंकन हेतु 2 एमएम और 20 एमएम तथा एक्सिस ए के साथ वंकन हेतु 1 एमएम और 10 एमएम) का प्रयोग किया जाएगा। एक्सिस ए और एक्सिस वी प्रत्येक के साथ 250 वंकन सहित की गई जांच के उपरांत कार्ड इलेक्ट्रॉनिक तौर पर कार्य करना जारी रखेगा तथा ऊपर एवं नीचे की तरफ कार्ड कांटेक्ट्स यथावत बने रहेंगे। निम्नलिखित के लिए कार्डों की परीक्षण 1000 वंकन चक्र के उपरांत की जाएगी, अर्थात :-

(i) कार्ड के आयाम।

(ii) कार्ड वारपेज और सतह विरूपण।

(iii) आईएसओ 7816-3 के अनुरूप इंटरफेस डिवाइस (आईएफडी) अथवा आईएसओ 14443-4 अनुरूप प्रोक्सीमिटी कपलिंग डिवाइस (पीसीडी), यथास्थिति, के अंतर्वेशन के उपरांत आंसर टू रिसेट (एटीआर) अथवा आंसर टू सेलेक्ट (एटीएस) की उपस्थिति।

(iv) आईसीसी हेतु सभी कांटेक्ट पेड के लिए कांटेक्ट प्रतिरोध सीमाओं के भीतर होगा।

- (च) **गत्यात्मक मरोड तनाव** – कार्डों का आईएसओ/आईईसी 10373-1, खंड 5.9 में यथा-रेखांकित गत्यात्मक मरोड तनाव परीक्षण किया जाएगा। इसके लिए पैरामीटर्स आईएसओ/आईईसी 10373-1 में यथा-उल्लिखित लागू होंगे। चक्रीय मरोड तनाव अनुप्रयोग के उपरांत कार्डों की निम्नलिखित परीक्षण किया जाएगा, अर्थात् :-
- (i) कार्ड का आयाम।
  - (ii) कार्ड वारपेज और सतही विरूपण।
  - (iii) आईएसओ 7816-3 के अनुरूप इंटरफेस डिवाइस (आईएफडी) अथवा आईएसओ 14443-4 अनुरूप प्रोक्सीमिटी कपलिंग डिवाइस (पीसीडी), यथास्थिति, के अंतर्वेशन के उपरांत आंसर टू रिसेट (एटीआर) अथवा आंसर टू सेलेक्ट (एटीएस) की उपस्थिति।
  - (iv) आईसीसी हेतु सभी कांटेक्ट पेड के लिए कांटेक्ट प्रतिरोध सीमाओं के भीतर होगा।
- (छ) **यूवी में रखे जाने पर स्थिरता** – कार्ड सामग्री की पूर्व मुद्रित परत में निम्नलिखित परिस्थितियों के अंतर्गत मुद्रण गुणवत्ता में कोई दृष्टिकोचर क्षय नहीं होगा, अर्थात् :-
- (i) 254 एनएम वेवलेंथ पर 0.12 एमडब्ल्यू/एमएम<sup>2</sup> की यूवी इर्रेडिएंस के अधीन 21 मिनट तक यूवी प्रकाश में रखे जाने पर।
  - (ii) कार्ड को आईएसओ/आईईसी 10373-1, खंड 5.11 में यथा-परिभाषित परीक्षण प्रक्रिया-विधि के अनुसार ऐसे यूवी प्रकाश स्रोत में रखा जाएगा। अरक्षित चक्र के उपरांत, कार्ड की निम्नलिखित जांच की जाएगी, अर्थात् :-
    - (क) कार्ड का आयाम।
    - (ख) कार्ड वारपेज और सतह विरूपण।
    - (ग) वंकन कठोरता परीक्षण।
    - (घ) आईसीसी हेतु सभी संविदा के लिए सीमाओं के भीतर संविदा प्रतिरोध।
    - (ङ) पूर्व मुद्रित परतों हेतु दृश्य मुद्रण गुणवत्ता में कोई दृष्टिकोचर क्षय, रंग उड़ना, सतह की बनावट में बदलाव अथवा लेमिनेशन हटना, नहीं होगा।
- (ज) **मुद्रण गुणवत्ता** - (क) पूर्व मुद्रित परतों के दृश्य आभास हेतु मुद्रण का सत्यापन किया जाएगा, जिसमें निम्नलिखित परिस्थितियों में कोई दृष्टिकोचर क्षय, रंग उड़ने, सतही बनावट में बदलाव, सतही रंगों में परिवर्तन और अवांछित रंग चिन्ह का उभार नहीं होना चाहिए, अर्थात् :-
- (i) 10 प्रतिशत सापेक्ष आर्द्रता के साथ 0°से. तापमान।
  - (ii) 90 प्रतिशत सापेक्ष आर्द्रता के साथ 46°से. तापमान।
- (ख) तापमान और सापेक्ष आर्द्रता पर्यावरण नियंत्रण चैम्बर्स में उत्पन्न की जाएगी और कार्डों को समदृश्य पर्यावरण परिस्थितियों में 20 मिनट तक रखा जाएगा। कार्डों को ऐसी परिस्थितियों में रखे जाने के उपरांत कार्ड सामग्री की पूर्व मुद्रित परतों संबंधी मुद्रण गुणवत्ता का दृश्य निरीक्षण किया जाएगा।
- (झ) **इलेक्ट्रिकल कांटेक्ट्स (केवल आईसीसी अथवा कांटेक्ट स्मार्ट कार्डों के लिए लागू)** - (1) कार्डों में आईएसओ/आईईसी 7816-2 में यथा उल्लिखित स्थानों पर निम्नलिखित संविदा प्रदान की जाएगी, अर्थात् :-
- (i) सी1 : विद्युत आपूर्ति इनपुट (वीसीसी)।
  - (i) सी2 : रिसेट सिग्नल इनपुट (आरएसटी)।
  - (ii) सी3 : क्लॉक सिग्नल इनपुट (सीएलके)।

- (iii) सी5 : ग्राऊंड (जीएनडी)।
- (iv) सी7 : बाइडायरेक्शनल सीरियल डाटा (आई/ओ)।
- (2). इनमें से प्रत्येक कांटेक्ट के लिए अधिकतम और न्यूनतम वर्तमान तथा संभावित स्थितियों को आईएसओ/आईईसी 7816-3 में यथा परिभाषित किया गया है।
- (ज) **कार्ड कांटेक्ट्स की यांत्रिक सुदृढ़ता (केवल आईसीसी, अथवा कांटेक्ट स्मार्ट कार्डों के लिए लागू) -** (i) कार्ड अपनी सतह पर क्षय, इसमें निहित किसी संघटक का प्रतिरोधी होना चाहिए, और यह सामान्य उपयोग, भण्डारण तथा रख-रखाव के दौरान सुरक्षित रहना चाहिए।
- (ii) प्रत्येक कांटेक्ट सतह तथा कांटेक्ट क्षेत्र (सम्पूर्ण गैलवैनेनिक सतह) 1 एमएम व्यास की स्टील गेंद के समकक्ष कार्यगत दाब और 1.5 एन का बल लगाए जाने पर क्षतिग्रस्त नहीं होगी।
- (iii) यह परीक्षण आईएसओ 7816-3 अनुपालना रीडर में एटीआर की मौजूदगी हेतु कार्ड कार्यात्मक होने के लिए यथा उल्लिखित 5 मिनट तक उपर्युक्त दबाव डालकर की जाएगी।
- (ट) **कार्ड कांटेक्ट्स का इलेक्ट्रिकल प्रतिरोध (केवल आईसीसी, अथवा कांटेक्ट स्मार्ट कार्डों के लिए लागू) -** कार्ड कांटेक्ट पैड, जैसाकि आईएसओ/आईईसी 7816-2 में परिभाषित किया गया है, का कांटेक्ट प्रतिरोध एक ही कांटेक्ट पैड से 1.5 एमएम की दूरी पर दो बिन्दुओं के बीच 0.5 Ω से कम होना चाहिए। कार्ड की सभी पांच कांटेक्ट की परीक्षण कांटेक्ट के भीतर स्थलों पर इस दस्तावेज के खंड 13 में किए गए विनिर्देशन के अनुसार की जाएगी।
- III. **तैयार किए गए कार्ड की सतह पर मुद्रण हेतु विनिर्देशन - (क) तैयार कार्डों पर मुद्रण हेतु अपेक्षाएं -** तैयार कार्ड इस दस्तावेज में रेखांकित किए गए विनिर्देशनों के अनुसार होंगे। तैयार कार्ड तदुपरांत वैयक्तीकरण के अध्यक्षीन होंगे - कार्ड सतह पर इलेक्ट्रॉनिक और दृश्य। ये परीक्षण कार्ड की सतह पर मुद्रण के उपरांत किए जाएंगे - दृश्य वैयक्तीकरण हेतु इस क्षेत्र में उपयोग किए जाने वाले मानक कार्ड प्रिंटर्स का उपयोग करते हुए ऊपरी सिरे तथा निचले भाग दोनों पर। परीक्षण हेतु पाठ और फोटोग्राफ का मुद्रण चालन अनुज्ञप्ति और वाहन पंजीकरण प्रमाण-पत्र की विशिष्ट शैली तथा इसके लिए दृश्य विन्यास में यथा विनिर्देशन में होगा।
- (ख) स्याही आसंजन - (i) कार्डों पर वैयक्तिक मुद्रण निम्न संकेतकों के अनुरूप बेहतर गुणवत्ता वाली स्याही आसंजन के अध्यक्षीन होगा। -टीएम-आसंजन टेप परीक्षण हेतु आईपीसी :संदर्भ)650 परीक्षण पद्धति संख्या 2.4.1)।
- (ii) परीक्षण पद्धति में यथा उल्लिखित टेप और प्रक्रिया-विधि सहित मूल्यांकन किया जाएगा। निम्नलिखित ग्रेड में नमूने के स्याही आसंजन कार्य निष्पादन के परीक्षण हेतु उपयोग किए गए टेप और परीक्षण क्षेत्र की दृश्य परीक्षण की जाएगी, अर्थात :-
- ग्रेड 1 :** स्याही किसी प्रकार से हटनी नहीं चाहिए (टेप हटाए जाने पर उस पर स्याही का कोई निशान नहीं होना चाहिए)।
- ग्रेड 2 :** स्याही का हल्का सा हटना (टेप पर स्याही का निशान होगा परंतु टेप आसंजन की तरफ स्याही की छाप पठनीय नहीं होगी), जो हटाई गई स्याही का 10 प्रतिशत से कम होगा।
- ग्रेड 3 :** स्याही का अत्यधिक हटना (टेप पर स्याही का निशान पठनीय होगा), जो हटाई गई स्याही के 10 प्रतिशत से अधिक होगा।
- (ग) पर्यावरणीय पैरामीटर्स में रखा जाना - (i) दृश्य वैयक्तिकीकृत कार्डों को निम्नलिखित दो पर्यावरणीय परिस्थितियों में रखे जाने के उपरांत इनका स्याही आसंजन परीक्षण किया जाएगा, अर्थात :-
- (क) 10 प्रतिशत सापेक्ष आर्द्रता पर 5°से. तापमान; और
- (ख) 85 प्रतिशत सापेक्ष आर्द्रता पर 40°से. तापमान।
- (ii) उपर्युक्त प्रत्येक परिस्थिति में एक घंटे तक कार्ड रखा जाएगा और इसके तत्काल बाद स्याही आसंजन परीक्षण किया जाएगा। दोनों ही परीक्षणों में नमूने द्वारा ग्रेड 1 गुणवत्ता दर्शाई जानी चाहिए।
- (घ) **यूवी में रखा जाना -** विजुअली वैयक्तिकीकृत कार्डों को आईएसओ/आईईसी 10373-1, खंड 5.11 में यथा परिभाषित परीक्षण प्रक्रिया-विधि के अनुसार 0.12 एमडब्ल्यू/एमएम2 यूवी इर्राडियंस तथा 254 एनएम



वेवलेंथ पर 21 मिनट तक यूवी प्रकाश में रखा जाएगा। इसके तत्काल बाद, स्याही आसंजन हेतु विजुअल वैयक्तीकीकरण परीक्षण किया जाएगा। परीक्षण में नमूने द्वारा ग्रेड 2 अथवा ग्रेड 1 दर्शाया जाएगा।

- (ड.) **भण्डारण और परतीकरण** – जब विजुअल वैयक्तीकीकृत कार्डों को 5 कार्डों के ढेर में रखा जाता है तथा ऊपर से 1.5 किलोग्राम निबल भार डाले जाने और 2 दिन तक  $40 \pm 3^{\circ}\text{से.}$ , 80 प्रतिशत सापेक्ष आर्द्रता पर रखे जाने पर कार्ड की सतह पर मुद्रण पर कोई प्रतिकूल प्रभाव नहीं पड़ना चाहिए अर्थात् इसका रंग नहीं उड़ना चाहिए अथवा नजदीकी कार्डों तक रंग अंतरण नहीं होना चाहिए। इस परीक्षण के उपरांत कार्डों की स्याही आसंजन जांच की जाएगी। परीक्षण नमूने में ग्रेड-1 गुणवत्ता दर्शाई जाएगी।

[फा. सं. आरटी-11028/24/2016-एमवीएल]

प्रियांक भारती, संयुक्त सचिव

**नोट :** प्रमुख नियम, अधिसूचना संख्या सा.का.नि. 590(अ) तारीख 2 जून, 1989 द्वारा और अंतिम संशोधन अधिसूचना सा.का.नि. 1225(अ) तारीख 20 दिसम्बर, 2018 द्वारा भारत के राजपत्र, असाधारण, भाग-II, खंड 3, उप-खंड (i) में प्रकाशित किया गया था।

## MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

### NOTIFICATION

New Delhi, the 1st March, 2019

**G.S.R. 174(E).**—Whereas the draft of certain rules further to amend the Central Motor Vehicles Rules, 1989, were published, as required under sub-section (1) of section 212 of the Motor Vehicles Act, 1988 (59 of 1988), *vide* notification of the Government of India in the Ministry of Road Transport and Highways number G.S.R. 1073(E), dated the 30<sup>th</sup> October, 2018 in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i), inviting objections and suggestions from affected persons before the expiry of the period of thirty days from the date on which copies of the Gazette containing the said notification were made available to public;

Whereas, copies of the said Gazette notification were made available to the public on the 30<sup>th</sup> October, 2018;

And whereas, the objections and suggestions received from the public in respect of the said draft rules have been duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by section 27 and section 64 of the Motor Vehicles Act, 1988 (59 of 1988), the Central Government hereby makes the following rules further to amend the Central Motor Vehicles Rules, 1989, namely: —

1. **Short title and commencement.** - (1) These rules may be called the Central Motor Vehicles (Second Amendment) Rules, 2019.
- (2) They shall come into force on the 1<sup>st</sup> day of October, 2019.
2. In the Central Motor Vehicles Rules, 1989,-
  - (a) in rule 16, -
    - (i) in sub-rule (1), for the word and figure “Form 6”, the following shall be substituted, namely:-  
“in form of a laminated card type without a chip or Smart Card type in Form 7 conforming to the specifications stipulated in Annexure XI”;
    - (ii) in sub-rule (2), for the words “laminated card type or Smart Card type driving license, such”, the following words shall be substituted, namely:-  
“Smart Card type driving license, such”;
    - (iii) sub-rule (3) shall be omitted;
  - (b) in rule 18, in sub-rule(1) for ‘clause (b)’, the following ‘clause’ shall be substituted, namely: -  
“(b) applicant’s recent passport size photograph,”;
  - (c) in rule 32, in the ‘Note’, for ‘clause 1’, the following ‘clause’ shall be substituted, namely: -





## 2. Specifications.-

<b>(a) Card Size - 85.6mm x 54.02 mm +/- 2 mm; Thickness minimum 0.7 mm</b>							
(i) Card in the form of either laminated card type without chip; or							
as per the defined template in the form of ICC (Integrated Circuit Card) compliant to ISO/IEC 7816-Part 1, 2, 3, 4, 8 and 9, IS16695 (Part 1: 2018) Smart Card Template Architecture Part 1: Basic Command Set (commonly known as SCOSTA Contact Smart Card);							
(ii) PICC (Proximity Integrated Circuit Card), if provided, compliant to ISO/IEC 14443- Part 1, 2 3 and 4, ISO/IEC 7816-Part 4, 8 and 9, IS16695 (Part 1: 2018) Smart Card Template Architecture Part 1: Basic Command Set (commonly known as SCOSTA Contactless Smart Card), with card dimensions compliant to ISO/IEC 7810 ID-1 standard.							
<b>(b) Font Style and Size specifications</b>							
Front Side				Reverse Side			
Sr. No.	Features	Font Name	Size	Sr. No.	Features	Font Name	Size
1.	State/UT Code	Myriad Pro Regular	7pt	1.	Driving Licence Number	Myriad Pro Bold	8pt
2.	National Emblem	Symbol	7.37mm x 12.28mm	2.	QR code (As specified by Central Government)	NA	15mm x 15mm
3.	Card Header	Myriad Pro Bold	9pt	3.	Invalid Carriage <sup>#</sup> (Regn. Numbers)	Myriad Pro Regular	7pt
4.	Driving Licence Number	Myriad Pro Bold	9pt	4.	Hazardous Validity <sup>#</sup>	Myriad Pro Regular	7pt
5.	IC Chip (if opted for)	NA	NA	5.	Hill Validity <sup>#</sup>	Myriad Pro Regular	7pt
6.	Issue Date	Myriad Pro Regular	7pt	6.	Vehicle class table (Class of Vehicle, Code, Issued by, Date of Issue, Vehicle Category, Badge Number <sup>#</sup> , Badge Issued Date <sup>#</sup> , Badge Issued by <sup>#</sup> )	Myriad Pro Regular	5pt
7.	Validity (NT)	Myriad Pro Regular	7pt	7.	Emergency Contact Number	Myriad Pro Regular	6pt
8.	Validity(TR) <sup>#</sup>	Myriad Pro Regular	7pt	8.	Licensing Authority	Myriad Pro Regular	6pt
9.	Name	Myriad Pro Regular	7pt	9.	Form 7 Rule 16(2)	Myriad Pro Regular	6pt
10.	Date of Birth	Myriad Pro Regular	7pt				
11.	Blood Group	Myriad Pro Regular	7pt				
12.	Organ Donor	Myriad Pro Regular	7pt				
13.	Son/Daughter/ Wife of	Myriad Pro Regular	7pt				
14.	Address	Myriad Pro Regular	7pt				
15.	Date of First Issue	Myriad Pro Regular	6pt				
16.	Holder's Signature	Myriad Pro Regular	5pt				
17.	Photograph	NA	14.82 mm x 14.82 mm				
# : Both Label and Value would be blank in cases where they are not applicable or have not been opted for							

<b>(c) Background Colour Details</b>					
Front Side			Reverse Side		
Sr. No	Hex Code	Print colour	Sr. No.	Hex Code	Print colour
C1.	#f8951d	C: 0 M: 49 Y: 100 K:0	C1.	#ddf1fa	C:12 M: 1 Y:1 K:0
C2.	<u>Gradient Color</u> Top: #e7f5f5 Bottom:#a3daf7	<u>Gradient Color</u> Top:C:8 M: 0 Y:3 K:0 Bottom:C:33 M:1 Y:0 K:0	C2.	<u>Gradient Colour</u> Top: #e7f5f5 Bottom:#a3daf7	<u>Gradient Colour</u> Top: C:8 M: 0 Y:3 K:0 Bottom:C:33 M:1 Y:0 K:0
C3.	#edf8fc	C:6 M: 0 Y:1 K:0	C3.	#edf8fc	C:6 M: 0 Y:1 K:0

**MACHINE READABLE ZONE (applicable only if opted for Smart Card)**

The concerned State Governments shall provide the following features of the licence in the Machine Readable Zone, namely:-

Sr. No.	Field
<b>1.</b>	<b>DL Holder Personal Details :</b>
	Driving Licence Number (DL)
	Name of the DL Holder
	Full Name of the DL Holder
	Gender
	Guardian(Mother/Father/Husband) Name
	Relation with Guardian (e.g.: S/o, W/o , D/o)
	Date of Birth (in ddmmyyyy format)
	First Identification Mark
	Second Identification Mark
	Blood Group
	Mobile Number
	Email Id
	Alternate Mobile Number
	Emergency Contact Number
	Permanent Address
	PINCODE of Permanent Address
	State Code In Permanent Address
	District Name in Permanent Address
	Sub-division/Taluk name in Permanent Address
	Village Name in Permanent address
Present Address	
State Code in Present address	
PINCODE of Present address	
District Name in present Address	
Sub-division/Taluk Name in present Address	
Village Name in Present address	
<b>2.</b>	<b>Licence details :</b>
	Valid From (Transport) (in ddmmyyyy format)
	Valid Till (Transport) (in ddmmyyyy format)
	Valid From (Non-Transport) (in ddmmyyyy format)
Valid From (Non-Transport) (in ddmmyyyy format)	

	First Date of DL Issuance (in ddmmYYYY format)
	First (Original) Issuing Authority
	Date of Hazardous Validity (in ddmmYYYY format)
	Date of Hill Region validity (in ddmmYYYY format)
	Authority who issued Transport Authorization
	Transport Authorization Number
	Transport Authorization date (in ddmmYYYY format)
	Invalid carriage Vehicle Registration Number
	INVALID Carriage 2 <sup>nd</sup> Vehicle Registration Number , if any
	Invalid carriage 3 <sup>rd</sup> Vehicle Registration Number , if any
<b>3.</b>	<b>Class of Vehicle details :</b>
	Class of Vehicle (COV)
	Class of Vehicle Issue Date (in ddmmYYYY format)
	Class of vehicle – Issued By (Name & Designation)
	Badge No.
	Badge Issue Date (in ddmmYYYY format)
	Badge Issued by –LA Office
<b>4.</b>	<b>Image details :</b>
	Photograph of DL Holder
	Signature of DL Holder
<b>5.</b>	<b>Enforcement details :</b>
	Challan/Inward Number
	Challan Date (in ddmmYYYY format)
	Endorsement Authority ID
	Endorsement Authority Name
	Section/ Rule Violated
	Disqualification Type (Suspended/Cancelled)
	Disqualification period from (in ddmmYYYY format)
	Disqualification period Up to (in ddmmYYYY format)
	Class of Vehicle that is suspended/Cancelled
	Settlement date
	Review Date (in ddmmYYYY format)
	Review Authority Name
	Remarks .”;

(h) the “FORM 23” shall be omitted;

(i) for ‘FORM 23A’, the following ‘Form’ shall be substituted, namely: -

“FORM 23A



[See rule 48]

CERTIFICATION OF REGISTRATION (LAMINATED CARD WITHOUT CHIP OR SMART CARD)


VISUAL INSPECTION ZONE



1. (A). The design of the card on the front side shall include the following data fields in visual form –



 सत्यमेव जयते	Indian Union Vehicle Registration Certificate Issued by XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			XY	AB
		Regn. Number XXXXXXXXXXXX	Date of Regn. DD-MM-YYYY	Regn. Validity* DD-MM-YYYY	
Chassis Number XXXXXXXXXXXXXXXXXXXX		Owner Serial		(XX)	
Engine / Motor Number XXXXXXXXXXXXXXXXXXXX					
Owner Name XX					
Fuel XXXXXXXXXXXXXXXX Emission Norms XXXXXXXXXXXXXXXX	Son / Wife / Daughter of (In case of Individual Owner) XX				
	Address XX XX XX				
	Card Issue Date (DD-MM-YYYY)				

(B). The design of the card on the reverse side shall include the following data fields in visual form.

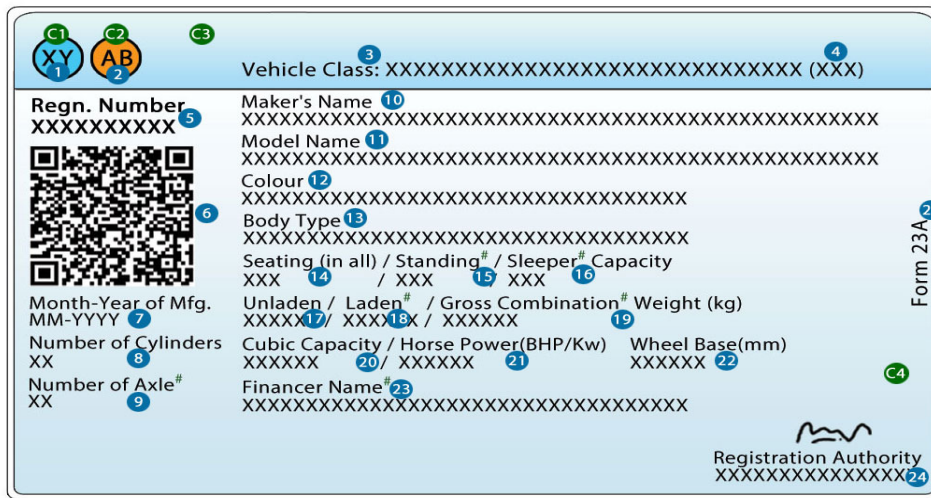
XY	AB	Vehicle Class: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX (XXX)		
	Regn. Number XXXXXXXXXXXX	Maker's Name XX		
	Model Name XX			
	Colour XX			
	Body Type XX			
Month-Year of Mfg. MM-YYYY		Seating (in all) / Standing <sup>#</sup> / Sleeper <sup>#</sup> Capacity XXX / XXX / XXX		
Number of Cylinders XX		Unladen / Laden <sup>#</sup> / Gross Combination <sup>#</sup> Weight (kg) XXXXX / XXXXX / XXXXX		
Number of Axle <sup>#</sup> XX		Cubic Capacity / Horse Power(BHP/Kw) Wheel Base(mm) XXXXXX / XXXXXX XXXXXX		
Financer Name <sup>#</sup> XX				
Registration Authority XXXXXXXXXXXXXXXXXXXX				

(C). The details of the features on the card shall be as under, namely:-

(a) For front side:

 सत्यमेव जयते	Indian Union Vehicle Registration Certificate Issued by XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			XY	AB
		Regn. Number XXXXXXXXXXXX	Date of Regn. DD-MM-YYY	Regn. Validity* DD-MM-YY	
Chassis Number XXXXXXXXXXXXXXXXXXXX		Owner Serial		(XX)	
Engine / Motor Number XXXXXXXXXXXXXXXXXXXX					
Owner Name					
Fuel XXXXXXXXXXXXXXXX Emission Norms XXXXXXXXXXXXXXXX	Son / Wife / Daughter of (In case of Individual Owner) XX				
	Address				
	Card Issue Date (DD-MM-YYYY)				

(b) For reverse side:



2. Specifications.-

<b>(a) Card Size - 85.6mm x 54.02 mm +/- 2 mm; Thickness minimum 0.7 mm</b>							
(i) Card in the form of either laminated card type without chip; or							
as per the defined template in the form of ICC (Integrated Circuit Card) compliant to ISO/IEC 7816-Part 1, 2, 3, 4, 8 and 9, IS16695 (Part 1: 2018) Smart Card Template Architecture Part 1: Basic Command Set (commonly known as SCOSTA Contact Smart Card);							
(ii) PICC (Proximity Integrated Circuit Card) if provided, compliant to ISO/IEC 14443- Part 1, 2 3 and 4, ISO/IEC 7816- Part 4, 8 and 9, IS16695 (Part 1: 2018) Smart Card Template Architecture Part 1: Basic Command Set (commonly known as SCOSTA Contactless Smart Card), with card dimensions compliant to ISO/IEC 7810 ID-1 standard.							
<b>(b) Font Style and Size specifications</b>							
Front side				Reverse side			
Sr. No.	Features	Font Name	Size	Sr. No.	Features	Font Name	Size
1.	Category (NT/ TR)-XY	Myriad Pro Regular	7pt	1.	Category (NT/TR)-XY	Myriad Pro Regular	7pt
2.	State / UT Code-AB	Myriad Pro Regular	7pt	2.	State / UT Code-AB	Myriad Pro Regular	7pt
3.	Golden National Emblem	Symbol	7.37mm x 12.28mm	3.	Vehicle Class	Myriad Pro Regular	6pt
4.	Card Header	Myriad Pro Bold	8pt	4.	Vehicle Type (e.g. LMV/ HMV/HGV etc)	Myriad Pro Regular	6pt
5.	IC Chip (if opted for)	NA	NA	5.	Registration Number	Myriad Pro Regular	6pt
6.	Fuel	Myriad Pro Regular	7pt	6.	QR Code (As specified by the Central Government)	NA	15 mm x 15mm
7.	Emission Norms	Myriad Pro Regular	7pt	7.	Month & Year of Mfg.	Myriad Pro Regular	5.5pt



8.	Registration Number	Myriad Pro Bold	7pt	8.	Number of Cylinders	Myriad Pro Regular	5.5pt
9.	Date of Registration	Myriad Pro Bold	7pt	9.	Number of Axle <sup>#</sup>	Myriad Pro Regular	5.5pt
10.	Registration Validity* (to be printed "As per Fitness" for Transport/ Commercial vehicle)	Myriad Pro Bold	7pt	10.	Maker's Name	Myriad Pro Regular	5.5pt
11.	Chassis Number	Myriad Pro Regular	7pt	11.	Model Name	Myriad Pro Regular	5.5pt
12.	Engine /Motor Number	Myriad Pro Regular	7pt	12.	Colour	Myriad Pro Regular	5.5pt
13.	Owner Name	Myriad Pro Regular	7pt	13.	Body Type	Myriad Pro Regular	5.5pt
14.	Son/ Daughter/ Wife of (in case of Individual Owner)	Myriad Pro Regular	7pt	14.	Seating (in all) Capacity	Myriad Pro Regular	5.5pt
15.	Address	Myriad Pro Regular	7pt	15.	Standing Capacity <sup>#</sup>	Myriad Pro Regular	5.5pt
16.	Card Issue Date	Myriad Pro Regular	6pt	16.	Sleeper Capacity <sup>#</sup>	Myriad Pro Regular	5.5pt
17.	Owner Serial	Myriad Pro Regular	7pt	17.	Unladen Weight (kg)	Myriad Pro Regular	5.5pt
				18.	Laden Weight <sup>#</sup> (kg)	Myriad Pro Regular	5.5pt
				19.	Gross Combination Weight <sup>#</sup> (kg)	Myriad Pro Regular	5.5pt
				20.	Cubic Capacity (Kw)	Myriad Pro Regular	5.5pt
				21.	Horse Power (BHP)	Myriad Pro Regular	5.5pt
				22.	Wheel Base (mm)	Myriad Pro Regular	5.5pt
				23.	Financer name <sup>#</sup>	Myriad Pro	5.5pt
				24.	Registering Authority's Name	Myriad Pro	5.5pt
				25.	Form 23A	Myriad Pro Regular	6pt
# : Both Label and Value would be blank in cases where they are not applicable or have not been opted for							

(c) Background Colour Details					
Front Side			Reverse Side		
Sr. No.	Hex Code	For Print Media	Sr. No.	Hex Code	For Print Media
C1.	#44c7f1	C:60 M:0 Y:1 K:0	C1.	#44c7f1	C:60 M:0 Y:1 K:0
C2.	#f8951d	C:0 M: 49 Y:100 K:0	C2.	#f8951d	C:0 M: 49 Y:100 K:0
C3.	<u>Gradient Colour</u> Top: # e7f5f5 Bottom:#a3daf7	<u>Gradient Colour</u> Top: C:8 M: 0 Y:3 K:0 Bottom:C:33 M:1 Y:0 K:0	C3.	<u>Gradient Colour</u> Top: # e7f5f5 Bottom:#a3daf7	<u>Gradient Colour</u> Top: C:8 M: 0 Y:3 K:0 Bottom:C:33 M:1 Y:0 K:0
C4.	<u>Gradient Colour</u> Top: #ffffff Bottom:#cbe5ef	<u>Gradient Colour</u> Top: C:0 M: 0 Y:3 K:0 Bottom:C:9 M:2Y:3 K:0	C4.	<u>Gradient Colour</u> Top: #ffffff Bottom:#cbe5ef	<u>Gradient Colour</u> Top: C:0 M: 0 Y:3 K:0 Bottom:C:9 M:2Y:3 K:0

**MACHINE READABLE ZONE (applicable only if opted for Smart Card)**

The concerned State Governments shall provide the following features of the Registration Certificate in the Machine Readable Zone, namely:-

Sr. No.	Field
1.	<b>Registration Details :</b>
	Registration Number
	Registration Date (in ddmmyyyy format)
	Purchase Date (in ddmmyyyy format)
	Registration Type (N, A, O, D)
	Registration Validity (in ddmmyyyy format) <b>(To be stored "As per Fitness" for Transport / Commercial vehicle)</b>
	Dealer Name
	Registering Authority Name
2.	<b>Personal Details :</b>
	Owner Name
	Son/Wife /Daughter of (if Individual)
	Owner Current Address
	Owner Permanent Address
	Owner Serial No.
	Ownership Type
3.	<b>Vehicle Details :</b>
	Vehicle Class
	Maker/Manufacturer
	Model
	No. of Cylinder
	Horse Power (format 99999.99)
	Seating Capacity
	Standing Capacity
	Sleeper Capacity
	Unladen Weight (kg)
	Laden Weight (kg)
	Gross Combination Weight, if applicable (kg)
	Wheelbase (mm)
	Cubic Capacity (format 99999.99)
	Floor Area (sq m) (format 999.999)
	Fuel
	Chassis No
	Engine No
Body Type	
Colour	
Manufacturing Month & Year (mmyyyy)	

	Sale Amount
	Emission Norms
	Height (mm)
	Length (mm)
	Width (mm)
	AC Fitted (Y/N)
	Video Fitted (Y/N)
	Audio Fitted (Y/N)
<b>4.</b>	<b>Axle Details of Transport Vehicle :</b>
	Number of Axle
	Number of Tyre – Front Axle
	Number of Tyre – Rear Axle
	Number of Tyre – Tandem Axle
	Number of Tyre – Other Axle
	Front Axle (Description and Size of Tyre)
	Rear Axle (Description and Size of Tyre)
	Tandem Axle (Description and Size of Tyre)
	Other Axle (Description and Size of Tyre)
	Front Axle Weight (kg)
	Rear Axle Weight (kg)
	Tandem Axle Weight (kg)
	Other Axle Weight (kg)
	Overhang
	Rearhang
<b>5.</b>	<b>Additional Details of Attached Trailer / Semi-Trailer (if applicable) :</b>
	Number of attached Semi-Trailers
	Attached Trailer(s) Registration Mark
<b>6.</b>	<b>Additional Details of Linked Horse Vehicle No. (if this RC is of Semi-Trailer/Trailer) :</b>
	Horse Vehicle Registration Mark, if applicable
<b>7.</b>	<b>Hypothecation Details*3 :</b>
	Name of Financier
<b>8.</b>	<b>Challan Details*40 :</b>
	Challan No.
	Accused category (D – Driver, C – Conductor, O – Owner)
	Section (s) (code only with delimiter “,”, if more than 1)
	Challaning Officer Name
	Location
	Challan Date & Time in ddmmYYYY /hh-mm format
	Disposing Officer Name
	Penalty
	Receipt No.

<b>9.</b>	<b>Permanent Permit Details :</b>
	Permit Number
	Permit Type (Description)
	Permit Issuing Authority Name
	Validity From (in ddmmyyyy format)
	Validity Up to (in ddmmyyyy format)
	Replacement Date (in ddmmyyyy format)
	Area (e.g. Local, Distt, Region, State etc.)
	Route From
	Route Up to
	Stages
	Route Length (km)
	Number of Trips per day
	<b>10.</b>
Body Type	
Unladen Weight (kg)	
Laden Weight (kg)	
Chassis No	
Front Axle (Number, Description and Size of Tyre)	
Rear Axle (Number, Description and Size of Tyre)	
Tandem Axle (Number, Description and Size of Tyre)	
Other Axle (Number, Description and Size of Tyre)	
Front Axle Weight (kg)	
Rear Axle Weight (kg)	
Tandem Axle Weight (kg)	
Other Axle Weight (kg)	
<b>11.</b>	
	Kit Manufacturer
	Kit Type
	Kit Workshop
	Kit Serial Number
	Kit PUCC Norms
	Workshop License No
	Fitment Date (in ddmmyyyy format)
	Hydro Test Date (in ddmmyyyy format)
	Cylinder Serial Number .”;

- (j) for 'Annexure XI', the following 'Annexure' shall be substituted, namely: -

**“Annexure XI**

**[see clause(s) of rule 2, rule 16 and rule 48]**

**I. Specifications of laminated card type without chip or Smart Card type Driving Licence and Registration Certificate. -**

- (a) Integrated Circuit Card (ICC, commonly known as contact smart card) or Proximity Integrated Circuit Card (PICC, commonly known as contactless smart card).
- (b) ICC shall be compliant to ISO/IEC 7816-1, 2 and 3 while PICC shall be compliant to ISO/IEC 14443-1, 2, 3 and 4.
- (c) Both ICC and PICC shall also be compliant to ISO/IEC 7816-4, 8 and 9, IS-16695 Part I, 2018 (commonly known as SCOSTA).
- (d) Minimum 10 years data retention for the non-volatile memory in the form of EEPROM or FLASH.
- (e) Minimum 300,000 write cycles endurance for the non-volatile memory.
- (f) The hardware (controller) shall be in compliance and certified to be EAL4+ (or higher) common criteria certificate along with security target of evaluation of microcontroller (in case of ROM based OS implementation) or of the microcontroller along with Boot loader/Flash loader/Smart Program/Boot Program (in case of Flash based OS implementation) under the Common Criteria Certificate. The common Criteria Certificate refers to BSI-CC-PP-0035-2007/BSI-CC-PP-0084-2014 (or newer) Protection profile.
- (g) The operating system shall be loaded in the Flash Memory or in the ROM with the chip at wafer level in the facility fully owned by the chip manufacturer and shall be locked at that facility in a way that it cannot be altered, modified, erased or deleted either selectively or wholly.
- (h) Operating ambient temperature range -25C to +55C.
- (i) For Poly Vinyl Chloride (PVC): Glossy surface, Poly Vinyl Chloride (PVC)/Acrylonitrile Butadiene Styrene (ABS)/PetG plastic construction, with overlay to allow colour dye sublimation printing.
- (j) For Polycarbonate Card: Multi-layered card construction using pure polycarbonate layer, fused (laminated) together with heat and pressure without any kind of glue or adhesive. Card Body material including outer overlay shall be capable of personalisation through Laser engraving.

**II. Material Specifications for Driving License and Registration Certificate. -**

- (a) **Dimension of the Card.**- The cards used for the Driving License and Registration Certificate shall be compliant to ISO/IEC 7810 standard as defined for ID-1 unused and returned cards. The tolerances, edge burrs etc. shall be as defined for the ID-1 cards in ISO/IEC 7810 section 5. All dimensions of the card shall be measured as per the ISO/IEC 10373-1 standard as defined in section 5.2 under the standard testing conditions as defined in ISO/IEC 10373-1.
- (b) **Card Warpage and Surface Distortion.** - The maximum distance from a flat rigid plate to any portion of the convex surface of the card shall not be greater than 1.5 mm including the card thickness. Further, the difference between the maximum and minimum thickness of the finished card shall not be more than 0.10 mm. For measuring the maximum and minimum thicknesses, the contact chip shall also be considered. Thus, no point of the entire IC contact surface shall be higher than 0.10 mm above or lower than 0.10 mm below the adjacent surface of the card. The test shall be carried out using the standard measurement method as described in ISO/IEC10373-1.
- (c) **Card Material and Construction.** - The cards shall be made of Polyvinyl Chloride (PVC), Acrylonitrile Butadiene Styrene (ABS) or PetG or Poly Carbonate (PC) plastic material unless specified otherwise. The card construction shall be made of bonded materials with inserts of the ISO7816-2 compliant contact chip (for ICC) if provided, or with inserts of the ISO14443 compliant contactless chip with associated antenna (for PICC), if provided.

(d) **Card Characteristics.** - The card characteristics shall be as defined in ISO/IEC 7810 standard as outlined here:-

- (i) **Bending Stiffness.** – (1). The bending stiffness shall be as defined in ISO/IEC 7810. The test procedures shall be as described in ISO/IEC 10373-1 section 5.7. For carrying out the bending stiffness test, the cards shall be exercised in the following four configurations, namely:-
  - (a) With the embedded chip facing upward and the edge of the card closer to the chip placed towards the clamping device.
  - (b) With the embedded chip facing upward and the edge of the card closer to the chip placed away from the clamping device.
  - (c) With the embedded chip facing downward and the edge of the card closer to the chip placed towards the clamping device.
  - (d) With the embedded chip facing downward and the edge of the card closer to the chip placed away from the clamping device.(2). The maximum permitted bending deformation shall be identical in all the four configurations.
- (ii) **Resistance to chemicals.** – Cards shall be resistant to the chemicals as described in ISO/IEC 7810 section 8.4. The chemical resistance shall be tested as per the procedure outlined in ISO/IEC 10373-1 section 5.4, using reagents both for short-term and long-term contamination.
- (iii) **Storage Requirements.** – (1). The card characteristics as defined in this section of the document shall remain unaltered for the following range of temperature and humidity as storage requirements, namely:-
  - (a) Temperature range of 5-40°C.
  - (b) Relative humidity range of 10-85%.(2). The cards shall be tested for the bending stiffness after exposing it to the following two environment conditions, namely:-
  - (I) 5°C at 10%RH, and
  - (II) 40°C at 85%RH.(3). The exposure for each of these two conditions shall be for one hour in the environment. This test only establishes the card characteristics and does not establish any print quality characteristics, which are defined later.
- (iv) **Peel Strength.** - The peel strength of the component layers of the card material shall be as per the minimum specified in ISO/IEC 7810 section 8.8. The peel strength shall be tested as per the procedure outlined in ISO/IEC 10373-1 section 5.4 with a peeling angle of 90°.
- (v) **Adhesion Resistance.** –(a) When finished cards are stacked together in a stock of 5 cards and applied 1.5 Kg dead weight from the top, kept for 7 days at  $40 \pm 3^\circ\text{C}$ , 80%RH, no card shall show any adverse effect such as delamination, discolouration or colour transfer to adjacent cards, changes to surface finish, transfer of material from one card to another and deformation. The physical dimension of the all cards shall remain as described in section 5 of this document.
  - (b) The cards shall be tested for easy separation by hand for randomly chosen cards in the middle of the stack and will be inspected visually for the colour transfer, discolouration, changes in the surface finish etc. The dimension of the cards, card warpage and surface distortion after each test shall be tested to be within the limits as described in this document.

- (e) **Dynamic Bending.** - The cards shall be tested for dynamic bending as per the procedure outlined in ISO/IEC 10373-1 section 5.8. The  $h_v$  and  $h_w$  parameters shall be used as defined in ISO/IEC 10373-1 (i.e. 2mm and 20mm for bending along axis B, and 1mm and 10mm for bending along axis A). The cards shall continue to work electronically after the test is performed with 250 bending each along axis A and axis B and with card contacts facing upwards as well as downwards. The cards shall be tested after the cycle of 1000 bending tests for the following, namely:-
- (i) The dimensions of the card.
  - (ii) Card warpage and surface distortion.
  - (iii) The presence of Answer to Reset (ATR) or Answer to Select (ATS) sequence after insertion in the ISO7816-3 compliant interface device (IFD) or ISO14443-4 compliant proximity coupling device (PCD), as the case may be.
  - (iv) The contact resistance being within the limits for all contact pads for an ICC.
- (f) **Dynamic Torsional Stress.**-The cards shall be subjected to dynamic torsional stress test as outlined in ISO/IEC 10373-1 section 5.9. The parameters shall be as defined in ISO/IEC 10373-1. After the cycle torsional stress application, the cards shall be tested for the following, namely:-
- (i) The dimension of the card.
  - (ii) Card warpage and surface distortion.
  - (iii) The presence of Answer to Reset (ATR) or Answer to Select (ATS) sequence after insertion in the ISO7816-3 compliant interface device (IFD) or ISO14443-4 compliant proximity coupling device (PCD), as the case may be.
  - (iv) The contact resistance being within the limits for all contact pads for an ICC.
- (g) **Stability against UV Exposure.**-The pre-printed layers of the card material shall show no visible degradation of the print quality under the following conditions, namely:-
- (i) Exposure to UV lighting for 21 minutes at UV irradiance of 0.12 mW/mm<sup>2</sup> at 254nm wavelength.
  - (ii) The cards shall be exposed to such UV light source as per the testing procedure defined in ISO/IEC 10373-1 section 5.11. After the exposure cycle, the cards shall be tested for the following, namely:-
    - (a) The dimension of the card.
    - (b) Card warpage and surface distortion.
    - (c) Bending stiffness test.
    - (d) The contact resistance being within the limits for all contact pads for an ICC.
    - (e) Visual print quality for the pre-printed layers, which shall not show any visible degradation, discolouring, change of surface finish or delamination.
- (h) **Print Quality.** – (a) The print shall be verified for the visual appearance of the pre-printed layers, which must not show any visible degradation, discolouring, change of the surface finish, change of the surface colours, and presence of visible unwanted colour marks under the following conditions, namely:-
- (i) Temperature of 0°C with a relative humidity of 10%.
  - (ii) Temperature of 46°C with a relative humidity of 90%.
- (b) The temperature and relative humidity shall be established in the environment control chambers and the cards shall be exposed for 20 minutes in the corresponding environment condition. After the exposure, the card shall be visually inspected for the print quality on the pre-printed layers of the card material.

- (i) **Electrical Contacts (applicable for ICC, or contact smart cards only).** – (1). The cards shall provide the following contacts at location as defined in ISO/IEC 7816-2, namely:-
- (i) C1: supply power input (VCC).
  - (ii) C2: reset signal input (RST).
  - (iii) C3: clock signal input (CLK).
  - (iv) C5: ground (GND).
  - (v) C7: bidirectional serial data (I/O).
- (2). The maximum and minimum currents and potential on each of these contacts are as defined in ISO/IEC 7816-3.
- (j) **Mechanical Strength of Card Contacts (applicable for ICC, or contact smart cards only).** –
- (i) The card should resist damage to its surface, to any components contained in it, and should remain intact during normal use, storage and handling.
  - (ii) Each contact surface and contact area (entire galvanic surface) shall not be damaged by a working pressure equivalent to a steel ball of diameter 1 mm applying a force of 1.5 N.
  - (iii) The test shall be carried out by applying the pressure as mentioned above for 5 minutes and checked for card being functional for the presence of ATR in an ISO7816-3 compliant reader.
- (k) **Electrical Resistance of Card contacts (applicable for ICC, or contact smart cards only).** - The contact resistance of a card contact pad as defined in ISO/IEC 7816-2 should be less than 0.5  $\Omega$  between two points on the same contact pad at a distance of 1.5mm. The card shall be tested for all the five contacts as specified in section 13 of this document at random locations within the contact.

III. **Specifications for Printing on the finished card surface.** –(a) **Printing Requirements on finished cards.** - The finished cards shall be as per the specifications outlined in this document. The finished cards shall then be subjected to personalisation – electronic as well as visual on the card surfaces. Typically, dye sublimation printing is used for visual personalisation. These tests shall be performed after printing on the card surfaces – both bottom as well as top, using the standard card printers being used in the field for visual personalisation. The printing of text and photograph for the testing shall be as typical of any driving license and vehicle registration certificate and as specified in the visual layout for the same.

(b) **Ink Adhesion.** - (i) The personalised printing on the cards shall show good quality ink adhesion as indicated below. (Ref: IPC-TM-650 Test Method Number 2.4.1 for Adhesion Tape testing).

(ii) With the tape and procedure as described in the test method, the evaluation shall be carried out. The visual examination of the tape used for the testing and the test area of the substrate will be carried out for the ink adhesion performance of the specimen in the following grades, namely:-

**Grade 1:** No removal of ink (tape will not show any marking of the ink when peeled off).

**Grade 2:** Slight removal of ink (tape will show markings of the ink but the ink impressions on tape adhesive side will not be readable) amounting to <10% of ink removal.

**Grade 3:** High removal of ink (the ink impression on the tape adhesive side will be readable) amounting to more than 10% of ink removal.

(c) **Exposure to the environmental parameters.** - (i) The visually personalized cards shall be tested for ink adhesion after exposing it to the following two environment conditions, namely:-

(A) 5°C at 10%RH; and

(B) 40°C at 85%RH.



- (ii) The exposure for each of these two conditions shall be for one hour in the environment and the ink adhesion test will be performed immediately after the exposure. The specimen shall show Grade 1 quality for both tests.
- (d) **Exposure to UV.** - The visually personalised cards shall be exposed to UV lighting for 21 minutes at UV irradiance of 0.12 mW/mm<sup>2</sup> at 254nm wavelength as per the testing procedure defined in ISO/IEC 10373-1 section 5.11. Immediately after the exposure cycle, the visual personalisation shall be tested for the ink adhesion. The specimen shall show Grade 2 or Grade 1 quality for the test.
- (e) **Stacking and layering.** – When visually personalised cards are stacked together in a stock of 5 cards and applied 1.5 Kg dead weight from the top, kept for 2 days at 40 ± 3°C, 80% RH, no printing on the card surfaces shall show any adverse effect discolouration or colour transfer to adjacent cards. The cards after subjecting to this test shall be tested for ink adhesion. The specimen shall show Grade 1 quality for the test.”.

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PRIYANK BHARTI, Jt. Secy.

**Note :** The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i) *vide* notification number G.S.R. 590(E), dated the 2nd June, 1989 and last amended *vide* notification G.S.R. 1225(E), date 20.12.2018.