मुख्य निवडणूक अधिकारी, महाराष्ट्र राज्य यांचे कार्यालय

क्रमांक :- ईएलआर-२०२५/प्र.क्र.९/निवडणूक-६
सामान्य प्रशासन विभाग, मादाम कामा रोड,
हुतात्मा राजगुरु चौक, मंत्रालय, मुंबई-४०० ०३२.
दिनांक :- २१ फेब्रुवारी, २०२५

दरपत्रक मागणी

भारत निवडणूक आयोगाच्या निर्देशानुसार मतदार छायाचित्र ओळखपत्रांवर ठसविणेसाठी सुमारे २५,००,००० (पंचवीस लक्ष) इतक्या होलोग्रामची आवश्यकता आहे. मतदार छायाचित्र ओळखपत्रांची छपाई करणेसाठी या कार्यालयाने नियुक्त केलेले अभिकर्ता मे. अतिशय लि., नवी मुंबई यांचेकडे सदरचे होलोग्राम पोहोच करावयाचे आहेत.

होलोग्रामचा तपशिल :

भारत निवडणूक आयोगाच्या दि.१८ जानेवारी, २०२२ रोजीच्या पत्रासोबतच्या Annexure-B मध्ये नमूद करण्यात आलेल्या तपशिल / मानकांनुसार.

सोबत जोडलेल्या **प्रपत्र "अ"** मध्ये होलोग्राम पुरवठाधारकाकडून परिपूर्ण दरपत्रक भरुन दि.२८.०२.२०२५ रोजी दुपारी ३.०० वाजेपर्यंत सिलबंद पाकिटात मुख्य निवडणूक अधिकारी कार्यालय, मंत्रालय, मुंबई ४०० ०३२ येथे सादर करावेत. दरपत्रक स्विकारणे किंवा नाकारणे याबाबतचा अंतिम अधिकार मुख्य निवडणूक अधिकारी यांचा राहील.

(प्रशांत नावगे)
अवर सचिव व उप मुख्य निवडणूक अधिकारी,
महाराष्ट्र राज्य

सहपत्र : वरीलप्रमाणे

प्रपत्र – अ

होलोग्रामसाठी दरपत्रक

अ.क्र.	तपशिल	
१.	फर्म / संस्थेचे नांव	
२.	धारकाचे संपूर्ण नाव	
३.	पत्ता, दुरध्वनी क्र. ई मेल	
४.	धारकाचा नोंदणी परवाना	
५.	पॅन क्रमांक	
६.	जीएसटी क्रमांक	
७.	जीएसटी लागू नसल्यास घोषणापत्र	

दराचा तक्ता

	तपशिल	दर जीएसटी सह
अ	होलोग्रामच्या तपशिलाप्रमाणे एका होलोग्रामचा दर	

पुरवठा धारकाचे नांव, स्वाक्षरी व शिक्का

ELECTION COMMISSION OF INDIA
NIRVACHAN SADAN, ASHOKA ROAD, NEW DELHI -110001

No.23/EPIC Security/2021-ERS   Dated: 18ᵗʰ January, 2022

To,

The Chief Electoral Officers
of all States/UTs

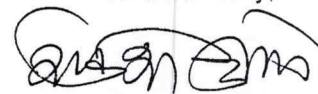**Subject: New security Features for the Colour PVC EPICs– regarding.**

Sir/Madam,

In an effort to prevent electoral fraud, Elector's Photo Identity Card (EPIC) was introduced by the Commission in the year 1993. The work of printing and delivering EPICs has been executed at the level of the CEO Office in each State/UT.

2.   With the passage of time and in view of major advances in technology, the Commission has decided that the **quality of cards, security features and other specifications** shall be further improved. New Security features of EPIC shall be as under: -

1.   The new PVC EPIC will be horizontal in shape with following size: -

   a.   Card size:
        CR 80 (86mm × 54mm × 0.76mm) variation permissible of plus and minus 5%

   b.   Thickness:
        760 microns (plus and minus 10%)

2.   **Hologram**: Hologram size (after stamping): 16mm x 12mm. To be hot stamped made up of 19-23 Micron polyesters film of Gold/ Silver shade.

3.   **Micro text**: Text as the border of the Photograph in size 19 to 25 micron.

4.   **Ghost image printing**: Elector Photograph (Front side).

5.   **Guilloche pattern** on the base of the card (Three colour guilloche design).

6.   **QR Bar code** with 3000+ text characters.

3.   The specifications of the PVC EPIC with new security features and specifications of the Hologram which needs to be hot pressed on PVC EPIC are enclosed herewith ***Annexure – A*** and ***Annexure - B***.

4.   EPIC shall be supplied with prescribed security features and personalization details printed upon them.

5.   **CEOs shall select** "Colour PVC Card manufacturer cum security printer"-with in-house printing facilities on PVC sheet incorporating security features and personalization capacity.

6.   EPIC being an important identity card, CEOs shall ensure that only competent card printers as well as hologram printers who are currently supplying Visa Card or Master Card or RuPay or RBI or IBA or PVC Aadhaar Card, having ISO 27001 and ISO 9001 certificates, and are having requisite installed capacity to manufacture EPIC Cards (as per the requirement of the State/UTs) are empaneled at the State/UT level.

7.   The hologram manufacturer should also be a member of Authentication Solution Providers Association (ASPA), International Hologram Manufacturers Association at (IHMA) ISO 9001 certifications and must be certified under Security Certification – TUV-ASPA (Formerly known as HOMAI) Hologram Security Standards.

8.   Relevant Financial Rules of the State/UT shall be followed while selecting vendors.

9.   EPICs will be delivered to the electors as per the directions of the Commission contained in its letter Nos.-23/EPIC Security/2021-ERS, dated 05/10/2021 and 23/ID/2021-ERS dated 22/06/2021. Card Printer shall have facility of auto enveloping and will deliver the EPICs in the covers as per the instructions contained in above mentioned letters so that Postal Department could further distribute these to the concerned electors.

10.   All the CEOs are requested to switch to new PVC EPIC on or before 1st April, 2022, however, CEOs of poll going states of Goa, Manipur, Punjab, Uttar Pradesh and Uttarakhand will be required to switch over to new PVC EPIC within one month of completion of elections.

Yours faithfully,

(RAKESH KUMAR)
SECRETARY

SPECIFICATIONS OF HOLOGRAM

To manufacture & supply **Security Holographic Hot stamping Foil** (Gold/Silver Foil) for EPIC PVC Cards as per the holographic features prescribed by Election Commission of India (ECI). The bidder shall NOT outsource hologram master work (or any other intermediate process) to any other organization, and must have complete in-house infrastructure to manufacture EPIC hologram as per the specifications as mentioned below.
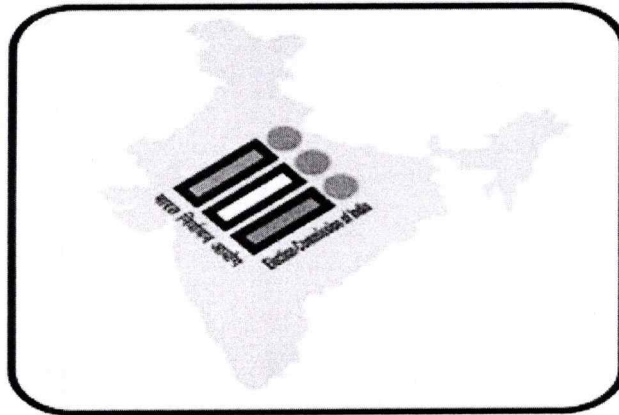
S.No.	Area	Requirement
1.	Holographic Features	Indicative list of high security anti-counterfeiting holographic features are: Overt: • Motion Effects • Multi-channel Effects • True Color Effects • Gradient Effects Covert: • Micro Security Features • CLR based Effects Forensic: • Nano Security Features
2.	Hologram Size	Hologram size (before stamping) :**20mm x 15mm** Job size or die size(after stamping) :**16mm x 12mm**
3.	Hologram Type	The security hologram must be suitable for hot stamping on EPIC card.
4.	Film Type	Vacuum metalized,19 to 23 micron polyester film of Silver and Gold shade to be used.
5.	Adhesive	Thermo Plastic polymer based adhesive to be used.
6.	Hologram color	**Gold/Silver Foil** to be used.
7.	Numbering	Each hologram has to be serially numbered to ensure proper accountability of the holographic hot stamping foil (numbering must not vanish by rubbing fingers upon it). Numbering may be on the holographic hot stamping foil over the holographic design or on the foil. However, upon hot stamping it must not get transferred on to the card.

SECURITY OF DATA

- Standard guidelines of the Election Commission and Information Security (Categorized) to be followed.

- The Digital Certificate/HSM required for data encryption will be procured by the Card Printer and public key to be shared with CEO.

- Sorting of data - "Collating and sorting software, card tracking number etc."

- The diagrammatic representation of the ECI hologram:

Sample of Hologram

To ensure that the hot stamped hologram is durable each order delivery should be accompanied by a "quality test report from a Govt. Lab" based on the following tests: -

A) Chemical:

S.No.	Agent	Total Time	Concentration
1	Petrol	5 minutes	Pure
2	Diesel	5 minutes	Pure
3	Hot water (65°C)	30 minutes	Pure
4	Normal Soap Water	1 hour	5%

B) Physical Checks:

S.No.	Agent	Test Procedure
1	Image Quality	Check visually for the Brightness, visible defects/spots.
2	Flakes	The stamped image should be free from flakes along the sides of the hot stamping area.
3	Smudge Test	Briskly rub the image with your finger about 10 to 12 Times & check visually for any deterioration to the image.
4	Tape Test	Apply 3M 810 Scotch tape (Magic Tape), on the sample & pull it abruptly in a single jerk at 25°angle to check visually for any residue on the Tape. The sample should withstand Tape Test without peel-off.
5	Effect of Humidity	Exposing the card to 27°C at 65% RH for 18 hrs. in a Humidity Chamber.
6	Effect after exposing the card to 50°C & 80% RH for 18 hours	Expose the card to 50°C & 80% RH for 18 hours in a humidity chamber & check visually for any deterioration to the image after rubbing the surface with tissue paper.