No. SPPH/A-II/2024-25/4939   Date: 21.03.2025

CORRIGENDUM

This is to notify that against Tender Enquiry No. 6000018676 dated 14.02.2025 for Supply, Installation, Testing, Commissioning and Training of Smart Card Personalization Machine and necessary ancillary equipment / software for making of Smart Identity Cards. – Qty 01 No amendment is as follows:

	FOR	Read as
Section VII - Technical Specifications	**VI. Vision/Optical Inspection Module:** **VI.1.** Necessary Software for layout checking and teach processes. **VI.2.** It should have necessary LED illumination. **VI.3.** Should have High Resolution Camera for inspection. **VI.4.** Necessary card flipping unit to inspect both sides of the card. **VI.5.** This module has to recognize the printed image on the card surface to create a card individual offset (x, y, rotation)correction file which will be used for the laser engraving process, to guarantee an exact overlapping of the engraved image to the printed image. **VI.6.** The inspection process will be performed on both card sides and a card individual correction file should be created. **VI.7.** Card orientation verification to be done.	Deleted
	IX Vision/Optical	IX Vision/Optical

	Inspection Module: IX.1 Necessary Software for layout checking and teach processes. **IX.2** It should have necessary LED illumination. **IX.3** Should have High Resolution Camera for inspection. **IX.4** Necessary card flipping unit for Optical verification both sides of the card and returning Card to Front side up position. **IX.5** Solution for optical recognition of personalized data (machine-readable character) and verification with database information. **IX.6** Should have OCV software, optimized for OCR A and B fonts. A teach-in mode to allow storing special fonts for verification. An interface to Integration Software realizes the data exchange. **IX.7** Capable of inspecting minimum character size of 1.5 mm or less when inspecting the whole card. **IX.8** Optional software for OCR, barcode reading, and optical face verification should be provided. IX.9 Operator panel to be used to display the results and for setting up and an additional monitor to display the results during production all the time. IX.10 Software package for biometrical face verification in accordance with ICAO / ISO normative. The	**Inspection Module:** IX.1 Necessary Software for layout checking and teach processes. **IX.2** It should have necessary LED illumination. **IX.3** Should have High Resolution Camera for inspection. **IX.4** Necessary card flipping unit for Optical verification both sides of the card and returning Card to Front side up position. **IX.5** Solution for optical recognition of personalized data (machine-readable character) and verification with database information. **IX.6** Should have OCV software, optimized for OCR A and B fonts. A teach-in mode to allow storing special fonts for verification. An interface to Integration Software realizes the data exchange. **IX.7** Capable of inspecting minimum character size of 1.5 mm or less when inspecting the whole card. **IX.8** Optional software for OCR, barcode reading, and optical face verification should be provided. **IX.9** Operator panel to be used to display the results and for setting up and an additional monitor to display the results during production all the time. **IX.10** Software package for biometrical face verification in accordance with ICAO / ISO normative. The photo to be inspected must be conforming to ICAO 9303.

	photo to be inspected must be conforming to ICAO 9303.	**IX.11** This module has to recognize the printed image on the card surface to create a card individual offset (x, y, rotation)correction file which will be used for the laser engraving process, to guarantee an exact overlapping of the engraved image to the printed image
		IX.12 The inspection process will be performed on both card sides and a card individual correction file should be created.
		IX.13 Card orientation verification to be done.
	XII Tele- Presence **XII.6.** Online documentation with machine-specific documents (e.g. instruction manual and maintenance manual).	Deleted
	XV. Miscellaneous / control system **XV.3.** Main drive with 4-quadrant drive (DC drive with motor brake circuit and energy recovery) with digital control and automatic parameterization, motor temperature monitoring and motor current indicator.	**XV.3** Suitable Main drive required.
Section XI - Price Schedule - Annexure C - Column 8 - Total CIF value of offer per unit	(6(b)+7A)	(6(c)+7A)
Closing date and time for receipt of tenders	01.04.2025 at 10.45 AM (IST)	11.04.2025 at 10.45 (IST)
Time and date of opening of tenders	01.04.2025 at 11.00 AM (IST)	11.04.2025 at 11.00 (IST)

All other terms & conditions remain same**.**

sd/-
Manager and Head Materials
(for General Manager & HoD)