Ministry of Public Security of Sri Lanka
Department of Immigration and Emigration

Addendum 01

Procurement of Supply of Five (5) Million e-Passports to the Department of Immigration and Emigration
Sri Lanka
IFB No: PS/03/PB/PR/05/28/23

Employer: Controller General
Department of Immigration and Emigration
5th Floor,
"Suhurupaya",
Sri Subhuthipura Road,
Battaramulla.Sri Lanka.

December 28, 2023

Addendum 01

Procurement of Supply of Five (5) Million e-Passports to the Department of Immigration and Emigration Sri Lanka

1.0 Background

Subsequent to the Bidding Document issued by Ministry of Public Security for "Procurement of Supply of Five (5) Million e-Passports to the Department of Immigration and Emigration Sri Lanka" dated 9th November 2023, Ministry of Public Security conducted a pre-bid meeting on 23rd November 2023. Based on the clarifications sought by the Bidder's, it is felt necessary to provide additional information to the bidders to further clarify on certain areas of the Bidding Document.

All the bidders are required to perform careful assessment of the information provided in the Addendum 01. The e-Passports and related costs proposed by the bidders need to take these details into consideration.

The date for Deadline of the Submission of Bids will be extended at or before 2.00 p.m. on January 16, 2024

Note: Revised schedules shall be collected from the Ministry of Public Security on or before 3.00 p.m. on January 12, 2024.

2.0 Amendments to the original Bidding Document

SN	ITB Clause	Existing Content	To be amended
		Volume 01Section II – Bid Data Sheet	

01	ITB 20.5(a) Section II BDS **Pg.44**	For (foreign) Goods, System Software and Services supplied outside Sri Lanka shall be quoted on Delivered Duty Paid (DDP), inclusive of all taxes, stamps, custom duties, levies & fees imposed in Sri Lanka except VAT for the Goods at the time of invoicing or sales transaction, if the contract is awarded.	HS Code No. 8523.59.90 (Only for information)
			
			For (foreign) goods, system software and services supplied outside Sri Lanka shall be quoted on **Carriage And Insurance Paid To (CIP)** Incoterm including all carrier cost to final place of destination.
			
			Final place of destination:
			    Department of Immigration and Emigration
			    Suhurupaya, Battaramulla

02	ITB22.1 Section II BDS **Pg.44**	The bid validity period shall be **119 days** after the Deadline for Submission of Bids, as specified below in reference to ITB Clause 26. The bid shall be valid until and inclusive of **April 18, 2024**	The bid validity period shall be **119 days** after the Deadline for Submission of Bids, as specified below in reference to ITB Clause 26. The bid shall be valid until and inclusive of **May 14, 2024**
03	ITB 23.1 Section II BDS **Pg.45**	Bid shall include a Bid Security issued by bank using the form included in Section IV (Bidding Forms). The amount and currency of the bid security shall be **Lankan Rupees Two Hundred Million (LKR 200 million) or the equivalent amount in a freely convertible currency in Sri Lanka**	Bid shall include a Bid Security issued by bank using the form included in Section IV (Bidding Forms). The amount and currency of the bid security shall be; **Lankan Rupees Two Hundred Million (LKR 200 million) or the equivalent amount in a freely convertible currency in Sri Lanka** The date for the exchange rate shall be: **Selling rate on *January 02, 2024 (14 days Prior to the Deadline for Submission Bids)*** as published by the *Central Bank of Sri Lanka*

		The Bid Security shall be issued in favor of **Controller General** **Department of Immigration and Emigration**	The Bid Security shall be issued in favor of **Controller General** **Department of Immigration and Emigration**
04	ITB 23.2 Section II BDS **Pg.45**	Bid Security in the form of an **unconditional Bank Guarantee** (as per the format given in the Bidding Document) If the Bid Security is to be issued by a bank outside Sri Lanka, it shall be from a bank that has a correspondent bank in Sri Lanka. Banks in Sri Lanka issuing the bank guarantee shall be a licensed commercial bank under the Banking Act No. 30 of 1988 and supervised by the Central Bank of Sri Lanka. The Bid security shall be enforceable in Sri Lanka. Bid Security shall be valid for 28 days beyond the original validity period of the bid **i.e. May 16 2024**.	Bid Security in the form of an **irrevocable unconditional Bank Guarantee** (as per the format given in the Bidding Document) If the Bid Security is to be issued by a Bank outside Sri Lanka, it shall be from a Bank that has a correspondent Bank in Sri Lanka. Banks in Sri Lanka issuing the Bank guarantee shall be a licensed commercial bank under the Banking Act No. 30 of 1988 and supervised by the Central Bank of Sri Lanka. The Bid security shall be enforceable in Sri Lanka. Bid Security shall be valid for 28 days beyond the original validity period of the bid **i.e. June 11, 2024**
05	ITB 26.1 Section II BDS **Pg.46**	For **bid submission purposes** only, the Employer's address is Attention: **Chairman,** **Cabinet Appointed Procurement Committee (CAPC)** **Ministry of Public Security** **14th Floor,** **Sri Subhuthipura Road,**	For **Bid submission purposes** only the Employer's address is Attention: **Chairman,** **Cabinet Appointed Procurement Committee (CAPC)** **Ministry of Public Security** **17th Floor,** **"Suhurupaya",** **Sri Subhuthipura Road,**

		Battaramulla, Sri Lanka.	Battaramulla, Sri Lanka.
		The dead line for bid submissions **Date: December 21, 2023 Time: 14.00hrs. (Sri Lankan Time)**	The dead line for bid submissions **Date: January 16, 2024 Time: 14.00hrs. (Sri Lankan Time)**
06	ITB 29.1 Section II BDS **Pg.46**	The opening of technical bids shall take place immediately after bid closing at Ministry of Public Security **14th Floor, "Suhurupaya", Sri Subhuthipura Road, Battaramulla** Date: **December 21, 2023** Time: **14.00 hrs.** Electronic bid submission is **not permitted**.	The opening of technical bids shall take place immediately after bid closing at Ministry of Public Security **17th Floor, "Suhurupaya", Sri Subhuthipura Road, Battaramulla** Date: **January 16, 2024** Time: **14.00 hrs.** Electronic bid submission is **not permitted**.
07	ITB 40.1 Section II BDS **Pg.47**	The currency that shall be used for Bid evaluation and comparison purposes to convert all Bid prices expressed in various currencies into a single currency is: *Sri Lankan Rupees* (LKR) The source of exchange rate shall be: *Central Bank in the Sri Lanka* The date for the exchange rate shall be: **Selling rate on** *December 7, 2023 (14 days Prior to the Deadline for Submission Bids)* as published by the *Central Bank of Sri Lanka*	The currency that shall be used for Bid evaluation and comparison purposes to convert all Bid prices expressed in various currencies into a single currency is: *Sri Lankan Rupees* (LKR) The source of exchange rate shall be: *Central Bank in the Sri Lanka* The date for the exchange rate shall be: **Selling rate on** *January 02, 2024 (14 days Prior to the Deadline for Submission Bids)* as published by the *Central Bank of Sri Lanka*

		Volume 01 Section III – Evaluation and Qualification Criteria	
08	Clause 3.7.6 Section III **Pg.54**	The production factory of the e-Passport shall be certified with ISO 14298-Intergraf - Government level or higher and shall be certified with ISO 9001:2015	The production factory of the supplier shall have ISO 14298 certification and ISO 9001:2015 certification. In addition the supplier shall have experience in producing e-Passports for Government level.
		Volume 02 Section VI – Schedule of Requirement	
09	Section VI 2b **Pg.2**	Supply of passport feature demonstration kits (contain a forensic description of the passport features, security instruments and verification methods) to be shared with other country emigration authorities through employer's diplomatic partner channels.	Supply of passport feature demonstration kits (contain a forensic description of the passport features, security instruments and verification methods) to be shared with other country emigration authorities through Employer's diplomatic partner channels. (The Kit referred as Printed Book, CD and Pen drive)
10	Section VI 2c **Pg.4**	The Bidder should design the PKI infrastructure with employer and install, test, commission all required components at the employer's site as part of this contract.	Removed
11	Section VI 2d **Pg.2**	Upgrading the existing passport forensic examination laboratory of the employer with capacity for verification of the new passports issued under this service contract.	Upgrading the existing passport forensic examination laboratory of the Employer with capacity for verification of the new passports issued under this service contract. Detail of existing equipment in forensic examination laboratory are as follows: 1. Video Spectral Comparator VSC 40 2. VSC 80 3. Verifier TD&B station 4. Document Microscope 5. Retro Laminate Checker 6. Document forgery detection analyzer 7. Hand held magnifier 8. Doculus Lummis Magnifier 9. Laser Printer

			10. Document Scanner 11.Shredder 12. Laptops
12	Section VI 2e **Pg.2**	The selected bidder is expected to sign a Long-term supply agreement (LTSA) with the employer related to the services rendered under the contract. The LTSA will include penalties that will be applicable when the contract fails to maintain the required service levels and service qualities as per the delivery schedule.	The selected Bidder is expected to sign a Long-term supply agreement (LTSA) with the Employer related to the services rendered under the contract. 'The LTSA will include penalties that will be applicable when the Contractor fails to maintain the required service levels and service qualities as per the delivery schedule.
13	Section VI 2f **Pg.3**	However the title and the ownership of the components related to the PKI infrastructure (including but not limited to the HSM components) shall be with the employer. The Title and ownership shall remain with the employer even after the completion/termination of this contract.	Removed
14	Section VI 4. Implementation (Delivery) Schedule **Pg.3**	……. The passport blanks must be manufactured in batches and delivered to the employer's site….	The Bidders are encouraged to provide an alternative earlier date for the first batch of delivery. However, they shall comply with such earlier delivery date for the first batch once the contract is awarded.

15	Section VI 5. Exiting Printing Machine details **Pg.4**								

15	Section VI 5. Exiting Printing Machine details **Pg.4**	**Printers**	**Model**	**Manufacture Year**	**Quantity**	**Printers**	**Model**	**Manufacture Year**	**Quantity**
		Diletta	900i	2021	17	Diletta	900i	2021	17
		Diletta	600i	2013	03				
		Trigenion	E3000M	2015	04				

16	Section VI 6. Acceptance and Testing **Pg.5**	……Bidder shall facilitate a production site visit to the employer……	The selected sample (10 numbers of each category of e-Passports) must be sent to an independent laboratory proposed by the Employer for testing. The Bidder may propose 3 test laboratories which are internationally accredited and quality certified for testing of travel documents. The Employer will select a laboratory from this list for testing throughout delivery period and for each batch for the test. (Note: the Employer reserves the right to reject all three laboratories if their accreditation /certification is not proved. In this case Employer will propose a laboratory for testing). The cost of such testing shall be borne by the Contractor. There shall be two site visits by the Employer: First visit will be prior to the delivery of 1st batch of e-Passports and timing of the second visit will be at the discretionary of Employer during the supply. Three (03) officials from Employer will be participating during each visit. Duration should be in alignment to fulfill the purpose. The cost of site visits shall be borne by the Contractor.
17	Section VI **1.2 Pg.6**	The composition, size, layout, and other related parameters of the e-passport must comply with the ICAO DOC 9303 specifications	The composition, size, layout, embedded chip specifications and other related parameters of the e-Passport must comply with the ICAO DOC 9303 specifications

18	Section VI 2.1 **Pg.7**	must be made using 85 gsm (+/- 5%) security paper made using 100% chemical wood pulp	Must be made using 85 gsm (+/- 5%) security paper made using 50% chemical wood pulp mixed with 50% cotton. (The contractor should verify this manufacture verification / third party certification)
19	Section VI 2.6.1 **Pg.7**	i. Kinetic effect	i. Line Width Modulation Guilloche printing
20	Section VI 2.6.1 **Pg.7**	ii. Dual channel.	ii. Dual channel or Duplex Printing with different colour combination.
21	Section VI 2.6.1 **Pg.7**	iv. Optical Variable Ink (OVI)	iv Optical Variable Ink (OVI) should be on data page with colour shifting effect.
22	Section VI 2.6.1 **Pg.7**	vi. Two- Oral of printing.	vi Relief-like Design Pattern.
23	Section VI 2.6.2 **Pg.8**	i. Relief-like Design Pattern.	i. IR (Infrared) fluorescent ink printing.
24	Section VI 2.6.2 **Pg.8**	v. Multi-color UV visible fibers.	v Single colour fiber spread in many colours on the paper and /or multi colour single fiber (hybrid) spread on paper
25	Section VI 2.6.2 **Pg.8**	vii. Bidders need to propose some strong security feature or laminate on the back side of the data page to detect alteration or grinding of the data page from the back side. This feature should not be easily reproducible in the field, and the bidder needs to explain how this security can be achieved in their offer. This feature shall be a combined level 2 and level 3 security features.	vii Bidders need to propose some strong security feature or laminate on the back side of the data page to detect alteration of the data page from the back side. This feature should not be easily reproducible in the field, and the bidder needs to explain how this security can be achieved in their offer. This feature shall be a combined Level 2 and Level 3 security features in compliance with ICAO standards.

26	Section VI 2.6.2 **Pg.8**	viii. Apart from the security features listed earlier in this data page specification, the pre-printed background must include a deliberate error as a level-3 and or Level-2 security feature.	Section VI 2.6.3	Apart from the security features listed earlier in this data page specification, the pre-printed background must include a deliberate error as a Level-3 security feature. (Given in section 2.6)
27	Section VI 2.6.2 **Pg.8**	ix. The data page shall have all the pre-printed static captions printed during the manufacturing. Captions will be decided after the award.	Section VI 2.7	The data page shall have all the pre-printed static captions printed during the manufacturing. Captions will be decided after the award of the contract.
28	Section VI 3.1 **Pg.9**	v 4) Shall consists with appropriate amount of synthetic fiber (the amount which does not adversely affect the visual appearance of coating) to provide extra strength to the paper base of the cover material.		v 4) Shall consists with appropriate amount of fiber (the amount which does not adversely affect the visual appearance of coating) to provide extra strength to the paper base of the cover material.
29	Section VI 3.1 **Pg.9**	v 5) Paper Weight : 350gsm +/- 10		v 5) Paper Weight : 300 to 400 gsm (The contractor must always supply the same paper weight throughout the supply)
30	Section VI 3.1 **Pg.9**	v 6) Thickness : 340 micron +/- 10		v 6) Thickness : 300 to 400 micron (The contractor must always supply the same thickness throughout the supply)
31	Section VI 3.1 **Pg.10**	vi. The cover page must be gold foil hot-stamped with the artwork prescribed by the Purchaser. In addition, gold lettering and an international standard icon for e-passport must be printed according to the specifications and artwork provided by the Purchaser. All these printing must be carried out at the stage of manufacturing / pre-printing of the passport booklet. Shall be spine squared and blind embossed. Emboss		vi The cover page must be gold foil hot-stamped with the artwork prescribed by the Employer. In addition, gold lettering and an international standard icon for e-Passport must be printed according to the specifications and artwork provided by the Employer. All these printing must be carried out at the stage of manufacturing / pre-printing of the passport. The spine shall be squared and blind embossed. Emboss Logo will be provided by Employer.

		design will be provided by DEPARTMENT OF IMMIGRATION AND EMGRATION.	
32	Section VI 4.1 **Pg.10**	i Shall consists of Overt, Covert, and Forensic verification. The thickness shall be less than 15 microns. Must be sewn-in to the passport, and thermal application must be capable with commercially available laminators at 170 C to180 C +/- 5 C	i Shall consist of Overt, Covert, and Forensic verification. The thickness shall be less than 15 microns. Must be sewn-in to the passport, and thermal application must be capable with commercially available laminators at 170 C to180 C +/- 5 C ii Shall consist of kinetic effect.
33	Section VI 5.1 **Pg.11**	i shall be made using 85 gsm (+/- 5%) security paper made using 100% chemical wood pulp	i Must be made using 85 gsm (+/- 5%) security paper made using 50% chemical wood pulp mixed with 50% cotton. (The contractor should verify this manufacture verification / third party certification)
34	Section VI 5.2.1 **Pg.11**	ii. 3 Color Intaglio printing, including latent image. Also, one feature with OVI using intaglio printing.	ii. 3 Color Intaglio printing, including latent image. iii. Relief-like Design Pattern.
35	Section VI 5.2.2 **Pg.11**	i Positive and negative (Reverse) micro text	i Positive and negative (Reverse) micro text
		ii Serial number in letterpress printing	ii Serial number in letterpress printing
		iii Relief-like Design Pattern	Removed
		iv Micro text with deliberate spelling mistake	iii Micro text with deliberate spelling mistake
		v UV fluorescent variable size micro text with deliberate spelling mistake	iv UV fluorescent variable size micro text with deliberate spelling mistake
		vi IR visible Character motif or design element	Removed
		vii The end page background should include a guilloches artwork with rainbow printing.	v The end page background should include a guilloches artwork with rainbow printing. The artwork must be designed using standard tools for security printing.

		The artwork must be designed using Specialized tools for security printing.	
36	Section VI 5.2.3 **Pg.11**	i. Paper should be resistant to chemicals	The Paper of the end page should be reactive to chemicals
37	Section VI 6.1 **Pg.12**	i. All inner pages must be made using 85 gsm (+/- 5%) security paper made using 100% chemical wood pulp.	i. All inner pages must be made using 85 gsm (+/- 5%) security paper made using 50% chemical wood pulp mixed with 50% cotton. (The contractor should verify this manufacture verification / third party certification)
38	Section VI 6.1 **Pg.12**	iii. The passport number (i.e., passport document serial number) should be perforated through all inner pages and the back-cover pages.	iii. The Passport number (i.e., Passport document serial number) should be perforated through all inner pages and the back-cover pages excluding Data Page.
39	Section VI 6.1 **Pg.12**	v. Paper should be resistant to chemicals.	v. The Paper should be reactive to chemicals.
40	Section VI 6.2.1 **Pg.13**	i. Visible fibers	i. Visible fibers
		ii. Shifting index marks or page number	ii. Shifting index marks or page number
			iii. Relief-like Design Pattern.
41	Section VI 6.2.2 **Pg.13**	i. Relief-like Design Pattern	Removed
		ii. Positive and negative (Reverse) microtext	i Positive and negative (Reverse) microtext
		iii UV Fluorescence design elements	ii UV Fluorescence design elements
		iv UV visible fibers added at the paper making process	iii UV visible fibers added at the paper making process
		v Character motif (or design element) printed with Optical Variable Ink	Removed
		vi Character motif (or design element) printed with Iridescent Ink	iv Character motif (or design element) printed with Iridescent Ink
		vii Character motif (or design element) printed with UV Florescence Ink	v Character motif (or design element) printed with UV Florescence Ink

		viii Character motif (or design element) printed with IR Visible Ink	vi Character motif (or design element) printed with IR Visible Ink
		ix Design element created with Line Width Modulation	vii Design element created with Line Width Modulation
42	Section VI 6.2.3 **Pg.13**	Apart from the security features listed earlier for paper pages here, the pre-printed background must include a deliberate error as a level-3 and /or level 2 security feature	Apart from the security features listed earlier for paper pages here, the pre-printed background must include a deliberate error as a Level-3 security feature. (Given in section 6.2)
43	Section VI 6.4 **Pg.13**	shall NOT be printed with commercially available CMYK and/or standard spot colors. Unique Mixed Security Inks shall be used which can be verified by laboratory equipment (Forensic) for inks authenticity.	6.2.4 Shall NOT be printed with commercially available CMYK and/or standard spot colors. A unique mix of Security Ink that can be verified by laboratory equipment (forensic) ink authenticity, shall be used for printing the entire supply of e-Passports.
44	Section VI 8.1 **Pg.14**	i. Security Printer's site and laminate supplier shall be certified with ISO 14298 – Government Level	i. Security Printer's site and laminate supplier's site shall have ISO 14298 certification. In addition they should have experience in producing e-Passports for Government level.
45	Section VI 8 **Pg.14 & 15**	8 Inlay	9 Inlay
		8.1 Shall meet the minimum ICAO requirements / Specifications.	9.1 Shall meet the minimum ICAO requirements / Specifications.
		8.2 Shall be certified by a third-party certifying body that the inlay and the chip comply with ICAO requirements / specifications.	9.2 Shall be certified by a third-party certifying body that the inlay and the chip comply with ICAO requirements / specifications.
		8.3 Shall comply with ISO/IEC 7810, ISO / IEC 10373, ISO / IEC 14443	9.3 Shall comply with ISO/IEC 7810, ISO / IEC 10373, ISO / IEC 14443
		8.4 module shall be micro welded by Themo Compression bonding (TCB)	9.4 module shall be micro welded by Themo Compression bonding (TCB)
		8.5 shall be armed itself to protect from mechanical stress.	9.5 shall be armed itself to protect from mechanical stress.
		8.6 Inlay shall not be peeled off.	9.6 Inlay shall not be peeled off.

		8.7 Shall be resistance to high temperature when expose to heat lamination	9.7	Shall be resistance to high temperature when expose to heat lamination
46	Section VI 9.2 **Pg.15**	iii. Shall support for VHBR- Very High Bit Rate Data Exchange.	10.2 iii	Shall support for VHBR- Very High Bit Rate Data Exchange in compliance with ISO/IEC/14443
47	Section VI 9.2 **Pg.15**	v. Shall be a single or multi-application chip.	10.2 v	Shall be a single or multi-application chip. Chip standard shall adhere to Hardware-neutral, Vendor-Neutral (vision) and application independent specifications.
48	Section VI 9.2 **Pg.16**	vii. 32 Bit CPU running at 3.7Mhz, with 8KB of RAM and more than 100KB of non-Volatile memory (EEPROM or Flash)- Or chip capacity shall be adequate to accommodate Data Group 1 and Data Group 2 with BAC (Basic Authentication and PACE (Password Authentication connection establishment) after the all transformations Hashing and signing.	10.2 vii	The Integrated Chip (IC) capacity shall be adequate to accommodate Data Group 1 and Data Group 2 with BAC (Basic Authentication) and PACE (Password Authentication Connection Establishment) after the all transformations hashing and signing. The bidder shall comply with the minimum requirements stated in the ICAO 9303 latest edition.
49	Section VI 9.3 **Pg.17**	vi. EAL4+ Protection Profile for Machine Readable Travel Document with ICAO Application, Basic Access Control (BSI-CC-PP-055)	10.3 vi	EAL5 Protection Profile for Machine Readable Travel Document with ICAO Application, Basic Access Control (BSI-CC-PP-055)
50	Section VI 9.3 **Pg.17**	vii. EAL4+ Protection Profile for Machine Readable Travel Document using standard inspection procedure with PACE (PACE PP) - Supplementary Access Control (SAC) (BSI-CC-PP-068-V2-2011)	10.3 vii	EAL5 Protection Profile for Machine Readable Travel Document using standard inspection procedure with PACE (PACE PP) - Supplementary Access Control (SAC) (BSI-CC-PP-068-V2-2011)
51	Section VI 9.3 **Pg.17**	viii. EAL4+ Protection Profile for Machine Readable Travel Document with ICAO Application, Extended Access Control (BSI-CC-PP-056)	10.3 viii	EAL5 Protection Profile for Machine Readable Travel Document with ICAO Application, Extended Access Control (BSI-CC-PP-056)

52	Section VI 9.3 **Pg.17**	ix. EAL4+ Protection Profile for Machine Readable Travel Document with ICAO Application, Extended Access Control with PACE (BSI-CC-PP-056-V2-2012)	10.3 ix	EAL5 Protection Profile for Machine Readable Travel Document with ICAO Application, Extended Access Control with PACE (BSI-CC-PP-056-V2-2012)
53	Section VI 10.1 **Pg.18**	The bidder shall submit real specimens of e passports offered by them to their customers and real specimens of security materials obtained by their security material suppliers.	11.1	The Bidders shall submit generic samples of e-Passports and security materials to demonstrate the security features and materials offered by him.
54	Section VI 11.1 **Pg.18**	i. The passport shall be Personalized with chip using existing machineries.	12.1	i. The Passport shall be Personalized with chip using existing machineries. The detail of existing personalization machines are given. (Please see item No.15) The personalization solution will be given by the Employer. Bidders are requested to give specification for lamination machine that are compatible with proposed lamination.
		Volume 3 Section VII – General Conditions		
55	14. Taxes and Duties **Pg.91**	For Products and/or Services supplied from outside the Employer's country, the Contractor shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies, payable in the Employer's country. Any duties, such as importation or customs duties, and taxes and other levies, payable in the Employer's country for the supply of Products and Services from outside the Employer's country are the responsibility of the Employer unless these duties or taxes have been made part of the Contract Price in Article 2 of the Contract and the Price Schedule to which it refers, in		For (foreign) goods, system software and services supplied outside Sri Lanka shall be quoted on **Carriage And Insurance Paid To (CIP)** Incoterm including all carrier cost to final place of destination.

		which case the duties and taxes will be the Contractor's responsibility.	
56	Section VII 27.1 **Pg.105**	**Commissioning and Operational Acceptance:** Commissioning of the all Products of the Passports and/or Services shall be commenced by the Contractor: (a) immediately after issue of the Installation Certificate (ISO, ICAO, etc) is issued by the Project Manager, pursuant to GC Sub- Clause 26.2, or (b) as other wise specified in the Technical Requirements (specified in the SOR) or the Agreed and Finalized Project Plan; or	**Commissioning and Operational Acceptance:** Commissioning of the all Production of the e-Passports and/or Services shall be commenced by the Contractor: (a) immediately after issue of the Installation Certificate (ISO, ICAO, etc) is issued by the Employer (b) as otherwise specified in the Technical Requirements (specified in the SOR) or the Agreed and Finalized Project Plan;
		Volume 3 Section VIII – Particular Conditions	
57	Section VIII 8.1 **Pg.146**	**Date of Commencement**: Seven Days from the **Effective Date** The Contractor shall Complete work **within Ten Years** from the **Effective Date**	**Date of Commencement**: Seven Days from the **Effective Date** The Contractor shall Complete work **within Five Years** from the date of signing of the contract agreement
58	Section VIII 29.3 **Pg.147**	The Warranty Period shall begin from the date of Acceptance Passports extend for the period of Ten (10) years.	The warranty period and durability of e-Passports shall cover the period of acceptance of e-Passports to the Department of Immigration and Emigration and until the end of the validity period (from the date of issuance to the date of expiry) of the e-Passports.
59	Section VIII 29.10 **Pg.147**	During the support and Maintenance period, the contractor must commence the work necessary to remedy defects or damage within the times specified in the "Service	During the support and Maintenance period, the contractor must commence the work necessary to remedy defects of damage within the times specified in the "Service Level Agreement (SLA)" Section VI Schedule of Requirements.

		Level Agreement (SLA)" Annex D Section VI Schedule of Requirements.	
60	Section VIII 38.1.3 **Pg.147**	If any dispute of any kind whatsoever shall arise between the Employer and the Contractor in connection with or arising out of the Contract, including.	Removed
61	Section VIII 52.2 (c) **Pg.148**	without prejudice to the generality of the foregoing, any question regarding its existence, validity, or termination, or the operation of the subject matter of this contract (whether during the progress of implementation or after achieving Operational Acceptance and whether before or after the termination, abandonment, or breach of the Contract), the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve such a dispute or difference by mutual consultation, within fourteen (14) days after one party has notified the other in writing of the dispute or difference, either party may give Notice to the other party, of its intention to commence arbitration, as provided below, indicating the matter in dispute. No arbitration in respect of this matter may be commenced unless such notice is given.

Any dispute, in respect of which a notice of intention to commence arbitration has been given, in accordance with the above, shall be finally settled by arbitration. Arbitration | If any dispute of any kind whatsoever shall arise between the Employer and the Contractor in connection with or arising out of the Contract, including without prejudice to the generality of the foregoing, any question regarding its existence, validity, or termination, or the operation of the subject matter of this contract (whether during the progress of implementation or after achieving Operational Acceptance and whether before or after the termination, abandonment, or breach of the Contract), the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve such a dispute or difference by mutual consultation, within fourteen (14) days after one party has notified the other in writing of the dispute or difference, either party may give Notice to the other party, of its intention to commence arbitration, as provided below, indicating the matter in dispute. No arbitration in respect of this matter may be commenced unless such notice is given.

Any dispute, in respect of which a notice of intention to commence arbitration has been given, in accordance with the above, shall be finally settled by arbitration. Arbitration may be commenced prior to or after installation of the Information Technologies.

The following rules of procedure for mediation and arbitration shall be applicable (a) <u>if the Contractor is foreign (including a</u> |

may be commenced prior to or after installation of the Information Technologies.

The following rules of procedure for mediation and arbitration shall be applicable (a) if the Contractor is foreign (including a Joint Venture when at least one partner is foreign) or (b) if the Contractor is a national of the Employer's country

    (a) Dispute for resolution by arbitration shall be in accordance with the UNCITRAL Arbitration Rules as at present in force.

    (b) The arbitration shall be heard in Sri Lanka before an arbitrator mutually agreeable to the parties; provided, that if the parties cannot agree on the choice of arbitrator within 10 days after the first party seeking arbitration has given written notice, then the arbitration shall be heard by three arbitrators, one chosen by each party, and the third chosen by those two arbitrators. The arbitrators will be selected from a panel of persons having experience with and knowledge of information technology and at least one of the

Joint Venture when at least one partner is foreign) or (b) if the Contractor is a national of the Employer's country.

    (a) Dispute for resolution by arbitration shall be in accordance with the UNCITRAL Arbitration Rules as at present in force.

    (b) The arbitration shall be heard in Sri Lanka before an arbitrator mutually agreeable to the parties; provided, that if the parties cannot agree on the choice of arbitrator within 10 days after the first party seeking arbitration has given written notice, then the arbitration shall be heard by three arbitrators, one chosen by each party, and the third chosen by those two arbitrators. The arbitrators will be selected from a panel of persons having experience with and knowledge of information technology and at least one of the arbitrators selected will be an attorney. A hearing on the merits of all claims for which arbitration is sought by either party shall be commenced not later than 60 days from the date demand for arbitration is made by the first party seeking arbitration. The arbitrator(s) must render a decision within 10 days after the conclusion of such hearing. Any award in such arbitration shall be final and binding upon the parties and the judgment thereon may be entered in any court of competent jurisdiction.

The arbitrators shall apply the substantive laws of Sri Lanka, without reference to provisions relating to conflict of laws. The arbitrators shall not have the power to alter, modify, amend, add to, or subtract from any term or provision of this Agreement, nor to rule upon or grant any extension, renewal, or continuance of

| | | arbitrators selected will be an attorney. A hearing on the merits of all claims for which arbitration is sought by either party shall be commenced not later than 60 days from the date demand for arbitration is made by the first party seeking arbitration.   The arbitrator(s)   must   render   a decision within 10 days after the conclusion of such hearing. Any award in such arbitration shall be final and binding upon the parties and the judgment thereon may be entered in any court of competent jurisdiction

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		Volume 3 SECTION IX: Contract Forms							
62	Section IX Appendix 7 Table 1 Advance Payment **Pg.158**	**No**	**Deliverables**	**Du rati on**	**Payme nt/ Contra ct Price**	**No**	**Deliverables**	**Durati on**	**Payment/ Contract Price**
		1	Advance Payment: Ten (10) percent of the Contract Price excluding Recurrent Cost will be made to the Contractor upon submission of Advance Payment Security in the form of a bank guarantee		5%	**1**	Advance Payment: Five (5) percent of the Contract Price excluding Recurrent Cost will be made to the Contractor upon submission of Advance Payment Security in the form of a bank guarantee		**5%**
		Above 10% Advance Payment shall be recovered from first five(5) Batches				Above 5% Advance Payment shall be recovered proportionately from first five (5) Batches Interest Rate :SLIBOR(USD)+ 1% per annum			
63	Invitation for Bids (IFB) 2c **Pg.1**	2c Quality and Security Requirements: The production factory of the e-Passport shall be certified with ISO 14298-Intergraph – Government level or higher and shall be certified with ISO 9001:2015;				2c Quality and Security Requirements: The production factory of the supplier shall have ISO 14298 certification and ISO 9001:2015 certification. In addition the supplier shall have experience in producing e-Passports for Government Level.			

Revised Technical Specification & Compliance (Bidder shall complete and submit the Revised Technical Specification & Compliance with the bid)

<u>**e- Passport**</u>

[The bidder shall fill the columns 4 and 5, and **must submit with the Technical Proposal**. The bidder's failure to provide the information request in columns 4 and 5 may be a reason for the rejection of the Bid. If any discrepancy is observed between the information provided by the bidder in columns 4 and 5 and the other technical information attached to the bid, the information provided herein shall take precedence.]

		(1)	*(2)*		*(3)*	*(4)*	*(5)*
		Subcomponent	*Technical Specifications and Standards*				
			Purchaser's Requirements			*Bidder's Offer*	
			Detail		*Priority*	*Yes (Y)/ No (N)*	*Remarks*
			1. General				
	1.1	Number of Pages	48 with laser perforated serial number, and the hole size of the SN shall vary depending on the page number		Critical		
	1.2	The page structure	The composition, size, layout, embedded chip specifications and other related parameters of the e-Passport must comply with the ICAO DOC 9303 specifications.		Critical		
	1.3	Data page	The 2ndpage and thin (Not thicker than 15 microns) security lamination are attached to the 2nd page.		Critical		
	1.4	e- cover	Consists with an e-Cover.		Critical		
	1.5	Dimensions	ID-3 125mm x 88mm (B7)		Critical		
	1.6	Lifetime	Shall be 10 years.		Critical		

		2. Security Paper (Paper data page)				
2.1	Paper data page	Must be made using 85 gsm (+/- 5%) security paper made using 50% chemical wood pulp mixed with 50% cotton. (The contractor should verify this manufacture verification / third party certification)	Critical		
2.2	The pages	It should be UV dull (i.e., free of optical brightening agents). The material used must be intended for security documents and security printing and should be compatible with all security instruments selected for the e-passport	Critical		
2.3	The passport numbers	Should be printed and laser perforated during manufacturing of e-Passport	Critical		
2.4	The background artwork of the pages.	must include a guilloches artwork pattern and rainbow printing	Critical		
2.5	All pages	Shall have cylinder mold multi-tone watermark. The image of the watermark will remain the same in all inner pages. The details of the watermark, including the size and position shall be decided by DEPARTMENT OF IMMIGRATION AND EMIGRATION.	Critical		
2.6	**The data page of the passport must include minimum security features as follows.**				
2.6.1	Level-1security features	i. Line Width Modulation Guilloche printing	Critical		
		ii. Dual channel or Duplex Printing with different colour combination	Critical		
		iii. Multi-Color Visible fibers	Critical		
		iv. Optical Variable Ink (OVI) should be on Data Page with colour shifting effect	Critical		
		v. Rainbow printing	Critical		
		vi. Relief-like Design Pattern	Critical		
		i. IR (Infrared)fluorescent ink printing	Critical		
		ii. Anti-copy grounding	Critical		

2.6.2	Level-2 security feature	iii.	Positive and negative (Reverse printing) micro-text	Critical		
		iv.	UV Fluorescent design elements	Critical		
		v.	Single colour fiber spread in many colours on the paper and/or multi colour single fiber (hybrid) spread on paper	Critical		
		vi.	The data page shall be compatible with inkjet printing and security laminate attachment after the graphical personalization. Laminate shall detect alteration or tampering attacks for the data page front side.	Critical		
		vii.	Bidders need to propose some strong security feature or laminate on the back side of the data page to detect alteration of the data page from the back side. This feature should not be easily reproducible in the field, and the bidder needs to explain how this security can be achieved in their offer. This feature shall be a combined level 2 and level 3 security feature in compliance with ICAO standards	Critical		
2.6.3	Level-3 security features	Apart from the security features listed earlier in this data page specification, the pre-printed background must include a deliberate error as a level-3 security feature. (Given in Section 2.6)		Critical		
2.7		The data page shall have all the pre-printed static captions printed during the manufacturing. Captions will be decided after the award of contract.		Critical		
3. Cover Material						
		i.	Durable for the 10-year lifetime of the passport	Critical		
		ii.	Flexible to support mechanical stresses during normal usage.	Critical		
		iii.	Resistant to chemicals, shear, damp and sweat that may occur in normal usage.	Critical		

		iv. The e-MRTD cover page must have an e-chip embedded into the cover page (e-Cover). The location of the chip and the antenna must be placed according to the industry best practices and the specifications of the ICAO DOC 9303 latest edition requirements to avoid damage to the chip during gold foil hot stamping.	Critical		
3.1	The cover material (front-cover and back-cover) must have these characteristics to ensure quality and durability	v. The cover material should be latex saturated cellulose with acrylic base coated. 1) Shall be specifically made for e Cover 2) Shall be made of Virgin (not recycled) fibers. 3) Shall be made of Chemical (not Mechanical) pulp. 4) Shall consists with appropriate amount of fiber (the amount which does not adversely affect the visual appearance of coating) to provide extra strength to the paper base of the cover material. 5) Paper Weight :300 to 400 gsm (The contractor must always supply the same paper weight throughout the supply) 6) Thickness :300 to 400 micron (The contractor must always supply the same thickness throughout the supply) 7) Tensile Strength : MD 10 , CD 6 kN/m 8) Folding endurance : 10000 times MD and CD Minimum 9) Delamination resistance : MD 3700 mN CD 2750 mN 10) Mullen Burst : 890 KPa 11) Laminator/Coating : Shall withstand 180o Centigrade and no deterioration of coating. 12) Foil blocking : Shall achieve a clean and fine details of the Sri Lanka Government Crest(emblem) and other features given. Note : A certificate of analysis shall be provided	Critical		

		vi. The cover page must be gold foil hot-stamped with the artwork prescribed by the Employer. In addition, gold lettering and an international standard icon for e-passport must be printed according to the specifications and artwork provided by the Employer. All these printing must be carried out at the stage of manufacturing / pre-printing of the passport. The spine shall be squared and blind embossed. Emboss Logo will be provided by Employer.	Critical		
4. Security Lamination on the Data Page
4.1	Security Lamination on Data Page	i. Shall consist of Overt, Covert, and Forensic verification. The thickness shall be less than 15 microns. Must be sewn-in to the passport, and thermal application must be capable with commercially available laminators at 170 C to180 C +/- 5 C ii. Shall consist of kinetic effect.	Critical		
5. Front Cover inside and Back Cover Inside (Flyleaf)
5.1	The end pages (i.e., inner side of the cover pages)	i. Must be made using 85 gsm (+/- 5%) security paper made using 50% chemical wood pulp mixed with 50% cotton. (The contractor should verify this manufacture verification / third party certification)	Critical		
		ii. Should be UV dull (i.e., free of optical brightening agents). The material used for end pages must be intended for security documents, security printing. and should be compatible with all security instruments selected for the e-passport.	Critical		
		iii. The end-pages must be permanently attached to the cover page with tamper-evident features against any attempt to disassemble or disintegrate	Critical		
5.2		**The end pages of the passport must include minimum security features as,**
5.2.1	Level-1 security features	i. Latent image printing	Critical		
		ii. 3 Color Intaglio printing, including latent image.	Critical		

		iii.	Relief-like Design Pattern.	Critical		
5.2.2	Level-2 security features	i.	Positive and negative (Reverse) micro text	Critical		
		ii.	Serial number in letterpress printing	Critical		
		iii.	Micro text with deliberate spelling mistake	Critical		
		iv.	UV fluorescent variable size micro text with deliberate spelling mistake	Critical		
		v.	The end page background should include a guilloches artwork with rainbow printing. The artwork must be designed using standard tools for security printing.	Critical		
5.2.3	Level-3 security features	i.	Paper of the end page should be reactive to chemicals	Critical		
6. Inside pages						
6.1	Inside pages	i.	All inner pages must be made using 85 gsm (+/- 5%) security paper made using 50% chemical wood pulp mixed with 50% cotton. (The contractor should verify this manufacture verification / third party certification)	Critical		
		ii.	The pages should be UV dull (i.e., free of optical brightening agents). The material used for inner pages must be intended security documents, security printing. and should be compatible with all security instruments selected for the passport.	Critical		
		iii.	The passport number (i.e., passport document serial number) should be perforated through all inner pages and the back-cover pages excluding data page.	Critical		
		iv.	The background of the inner pages must include a guilloche's artwork pattern and rainbow printing.	Critical		
		v.	Paper should be reactive to chemicals.	Critical		
		vi.	All inner paper pages in the booklet must be serially numbered.	Critical		

		vii. All the inner pages shall have cylinder mold multi tone watermark. The image of watermark will remain same in all inner pages. The details of the watermark including the size and position shall be decided by the Department of Immigration and Emigration	Critical		
6.2	**The inner paper pages of the passport must include minimum security features as follows.**				
6.2.1	Level-1security features	i. Visible fibers	Critical		
		ii. Shifting index marks or page number	Critical		
		iii. Relief-like Design Pattern.	Critical		
6.2.2	Level-2 security features	i. Positive and negative (Reverse) microtext	Critical		
		ii. UV Fluorescence design elements	Critical		
		iii. UV visible fibers added at the paper making process	Critical		
		iv. Character motif (or design element) printed with Iridescent Ink	Critical		
		v. Character motif (or design element) printed with UV Florescence Ink	Critical		
		vi. Character motif (or design element) printed with IR Visible Ink	Critical		
		vii. Design element created with Line Width Modulation	Critical		
6.2.3	Level-3 security features	Apart from the security features listed earlier for paper pages here, the pre-printed background must include a deliberate error as a Level-3 security feature (Given in Section 6.2)	Critical		

6.2.4	Background design	Shall NOT be printed with commercially available CMYK and/or standard spot colors. A unique mix of Security Ink that can be verified by laboratory equipment (forensic) ink authenticity, shall be used for printing the entire supply of e Passports.	Critical		
7. Stitching					
7.1	Stitching	i. The booklet should be bound using interlock stitching method.	Critical		
		ii. Sewing thread used for stitching should be multi-coloured under normal light and shall have UV visible features.	Critical		
8. Security Management Process					
8.1	Security Management Process	i. Security Printer's site and laminate supplier's site shall have ISO 14298 certification. In addition they should have experience in- producing e-Passports for Government level	Critical		
		ii. The total quantity of passport contracts should be produced using the same security papers. When delivering each order, it must be ensured that the paper and other raw materials used were the same. Change of supplier/s shall only be allowed with Prior Approval by DEPARTMENT OF IMMIGRATION AND EMIGRATION. Additionally, details of the paper suppliers should be provided to the Department of Emigration and Immigration of Sri Lanka with each supply, along with the certification issued by the supplier.	Critical		
9. Inlay					
9.1	Inlay and chip	Shall meet the minimum ICAO requirements / Specifications.	Critical		
9.2	Certification	Shall be certified by a third-party certifying body that the inlay and the chip comply with ICAO requirements / specifications.	Critical		
9.3	Standards	Shall comply with ISO/IEC 7810, ISO / IEC 10373, ISO / IEC 14443	Critical		
9.4	Antenna and the chip module	module shall be micro welded by Themo Compression bonding (TCB)	Critical		

9.5	Chip module	shall be armed itself to protect from mechanical stress.	Critical		
9.6	Peeled off	Inlay shall not be peeled off.	Critical		
9.7	Temperature	Shall be resistance to high temperature when expose to heat lamination	Critical		
10. COS (Chip operating system), Application and chip hardware					
10.1	Note	Legitimate application provider and card issuer is DEPARTMENT OF IMMIGRATION AND EMGRATION Sri Lanka	Critical		
10.2	COS (Chip operating system), Application and chip hardware	i. Certification levels EAL5+ (Chip) ad levels EAL 5+ (OS) As per common criteria for information technology security evaluation (CC)	Critical		
		ii. Shall support cryptographic algorithms such as ECC (Elliptic-Curve Cryptography, RSA DES, Triple DES AES etc.	Critical		
		iii. Shall support for VHBR- Very High Bit Rate Data Exchange in compliance with ISO/ICE/14443	Critical		
		iv. Shall support cryptographic algorithms such as ECC of 521 bits (Elliptic- Curve Cryptography), RSA of 4096 bits, DES, Triple DES, AES of 256 bits, hash algorithms of SHA1 and SHA2(up to SHA-512) etc.	Critical		
		v. Shall be a single or multi-application chip. Chip standard shall adhere to Hardware-neutral, Vendor-Neutral (Global Platform vision) and application independent specifications	Critical		
		vi. APDU shall comply with ISO / IEC 7816 -4	Critical		

		vii	The Integrated Chip (IC) capacity shall be adequate to accommodate Data Group 1 and Data Group 2 with BAC (Basic Authentication) and PACE (Password Authentication Connection Establishment) after the all transformations hashing and signing. The bidder shall comply with the minimum requirements stated in the ICAO 9303 latest edition.	Critical		
		viii	Shall comply with ISO 14443-1,2,3,4.	Critical		
10.3	The chip module must comply with these requirements at minimum.	i.	Support for not less than 450,000 read cycles with data retention for not less than 20 years at 25C	Critical		
		ii.	The chip module must be installed and integrated into the cover page of the passport using copper wire antenna. The chip module and its associated components (such as the antenna etc.) must be embedded in an inner layer of the cover and should use durable inlay.	Critical		
		iii.	The operating system in the chip must comply with ICAO Doc 9303 (including, but not limited to Part 9 and Part 10) requirements, specifications, and operational parameters. The chip and its operating system must be based on ICAO Logical Data Structure LDS Ver 1.8 or later based on the latest edition of the specifications for storage.	Critical		
		iv.	The system operating in the chip module must implement all ICAO9303 mandatory authentication requirements. The chip module and the operating system must support and implement BAC (Basic access control) with full support and capability for Supplemental Access Control (SAC) as an alternative. Further, the specification of the chip module must adhere to the current (latest) edition of ICAO 9303 and comply with ISO 14443 standard.	Critical		
		v.	The chip operating system must be Common Criteria certified according to the following levels:	Critical		

		vi. EAL5 Protection Profile for Machine Readable Travel Document with ICAO Application, Basic Access Control (BSI-CC-PP-055)	Critical		
		vii. EAL5 Protection Profile for Machine Readable Travel Document using standard inspection procedure with PACE (PACE PP) - Supplementary Access Control (SAC) (BSI-CC-PP-068-V2-2011)	Critical		
		viii. EAL5 Protection Profile for Machine Readable Travel Document with ICAO Application, Extended Access Control (BSI-CC-PP-056)	Critical		
		ix. EAL5 Protection Profile for Machine Readable Travel Document with ICAO Application, Extended Access Control with PACE (BSI-CC-PP-056-V2-2012)	Critical		
		x. Valid certificate shall be provided along with proposal	Critical		
11. Providing Sample					
11.1	Sample	The bidders shall submit generic samples of e-Passports and security materials to demonstrate the security features and materials offered by him	Critical		
12 Support on Personalization using Existing printing Machineries					
12.1	i The passport shall be Personalized with chip using existing machineries. The detail of existing personalization machines are given. (Please see item No.15 of Addendum) The personalization solution will be given by the Employer. Bidders are requested to give specification for lamination machine that are compatible with proposed lamination. (*The Existing Personalization printing machineries are referred above 5.*) ii Bidder shall provide the specifications for laminating machines to the Department of Immigration and Emigration		Critical		

Name of Bidder : ………………….……
[Insult complete name of Bidder]

Signature of Bidder : …………………………..
[Signature of person signing the Bid]

Date : …………………..
(Insert Date)

Chairman,
Cabinet Appointed Procurement Committee,
Ministry of Public Security,
17th Floor, "Suhurupaya", Subhuthipura Road,
Battaramulla.

Dear Sir,

Procurement of Supply of Five (5) Million e-Passports to the Department of Immigration and Emigration, Sri Lanka
IFB No: PS/03/PB/PR/05/28/23

We hereby certify that thirty-two (32) pages of Addendum 01 together with Revised Technical Specification & Compliance have been received by us and considered for pricing and bidding as a part of the original Tender Document in accordance to the "Instructions to the Bidders", Clause 14 – Documents Comprising the Bid, in Tender Document.

Yours Truly,

Signature of the Bidder: …………………………………   Company Seal ……………………………………….

Date ……………………………

"Bidders shall enclose this letter with the "ORIGINAL" of Tender submission as a bid validity and completeness requirement."