

## 1. Technical and Functional Requirements

Purchaser's Requirements		Bidder's Response (Should be in detail referring to documentary evidences)
1. Make	(Specify by Bidder)	
2. Country of Origin of Card Supplier	(Specify by Bidder)	
3. Country of Card Manufacturing Location	(Specify by Bidder)	
4. ID Card physical properties	Physical properties of the card i.e. material, construction, resistance etc. to be complying with latest edition of ISO standards (ISO 7810).- 100% polycarbonate or PVC	
5. Physical dimensions	Card size shall comply with Type ID-1 as defined in ISO/IEC 7810 (i.e. 85 mm x 55 mm and thickness of 0.8 mm).	
6. Card service life	The ID card shall comply with ISO/IEC 24789 standards with D3 durability profile with respect to the card service life or equivalent.	
7. Card material	Card material shall be <b>100% Polycarbonate or PVC</b> . The card structure and construction must include a protective over-laminate on both sides as the outer most layers, exterior to the pre-printed background. No pre-printing or personalization should appear on the over-laminate.	
8. Personalization compatibility	Personalization will include holders photograph (monochrome), text (Unicode format in English language), a QR code and personalized security features. Art work and card design will be provided to selected bidder.	
9. Pre-printed information	<p>The card must be pre-printed (on both sides) based on the art-work and related information that will be given by the CIDA after the contract award and signing of a Non-Disclosure Agreement. Final Design must be provided to CIDA and get the confirmations before proceeding the lot printing. In general the pre-printing will include the following types of information.</p> <ol style="list-style-type: none"> <li>1. Coloured card background on both sides according to the artwork given</li> <li>2. Field headers (static data) in black</li> <li>3. Card-stock serial number consisting of a batch number</li> </ol> <p>All pre-printed information must be made in an inner layer (i.e. inner to the protective over-laminate) of the card structure (applicable for both front and back sides)</p>	

10. Pre-printed languages	Pre-printed (static) data may include English characters in uni-code compatible fonts.	
11. Static security features	Bidders should provide static security features on the Duplex pre-printed card. Security features may appear on both front and back side of the card (only one instance of each security device) at locations determined by the background artwork. All items in the specifications are mandatory unless otherwise specifically mentioned. Card surface should be glossy.	
12. Anti-forgery technologies for Photo and data substitutions	<p>Security features which provide against alteration of data and images including Photograph.</p> <p>The bidders must provide a detailed description of how the security features requested to be deployed on the card (card body structure and pre-printing) to address each of the following types of threats.</p> <ul style="list-style-type: none"> <li>I. Counterfeiting and forged ID cards including “look-alikes” at Level 1 verification</li> <li>II. Counterfeiting from cannibalized cards</li> <li>III. Alteration and tampering</li> <li>IV. Photograph, data substitution</li> <li>V. Scanning and copying</li> </ul> <p>Bidders should provide how the all static security features requested by the Purchaser on the Duplex pre-printed card address each of the types of threats</p> <p>Type of data can be included in QR code to avoid this and availability of this technology</p>	
13. Designed service life	The card must have designed service life for more than TWO (02) years under the typical environment and usage patterns in Sri Lanka.	
14. Card delivery	Pre-printed cards must be delivered to CIDA in securely sealed blocks (batches) of 100 cards. Each block should contain a batch control sheet (certified by the card manufacturer) containing the serial numbers, production batch and production date in text and machine readable formats.	
15. Testing and certification	<p>Selected Bidder shall supply 25 Pre-printed Cards with the all security features as per the artwork given, after signing the contract agreement.</p> <p>From the card stock delivered as per the delivery schedule, randomly selected 10 Nos. of cards will be tested again.</p> <p>All Cards must be technically, mechanically and physically similar without any differences such as alignment, thickness, etc. and entire supply of Cards will be rejected if any defects or discrepancies detected.</p> <p>If any defects or discrepancies detected after cards have been delivered and are in use, supplier shall be responsible and a penalty will be imposed as specified in the Contract Data of the Bid Document.</p>	

<b>General and Non-Functional Requirements</b>		
<b>Parameter</b>	<b>Minimum Requirement</b>	<b>Bidder's Response (Should be in detail referring to documentary evidences)</b>
01. Bidder's experience manufacturing	<p>The Bidder or the Principal/Manufacturer in case of "JV", bidding for this tender, shall have <b>at least five (05) years of experience in manufacturing 100% polycarbonate or PVC ID Cards or any secured Identity Documents (Driving License, e-Passport, Government Health Cards, etc.) with requested security and other features and ISO compatibilities (ISO/IEC 7810, ISO/IEC 10373 and ISO/IEC 24789) acceptable to the Purchaser with respect to this tender.</b></p> <p>Samples, Test Reports, Customer References or other relevant documentary evidence as proof of customer, quality, and quantity supplied, date and price shall be submitted with the Bidding Document.</p> <p><b>If not, Bid shall be rejected as non-responsive.</b></p>	
02. Bidder's supply experience	<p>The Bidder or the Principal/Manufacturer in case of "JV", shall have manufactured and supplied 100% polycarbonate or PVC ID Cards, with requested security and other features and ISO compatibilities (ISO/IEC 7810, ISO/IEC 10373 and ISO/IEC 24789), from three (03) projects with an issued population of not less than Five Hundred Thousands (500,000) ID cards within last five (05) years (2017 – 2021). Customer References, endorsing 100% Poly-carbonate or PVC and above-mentioned ISO compatibilities shall be provided and also Sample ID cards and relevant Test Reports (if available) from independent laboratory (not related to Principal/Manufacturer or Lead Bidder) may be provided to prove the quantity supplied and the quality of cards supplied, with respect to the three (03) projects. If acceptable Customer References are not submitted, bidder's offer is treated as non-responsive.</p> <p>Customer References of previous supplies to the Purchaser, if any, shall be considered when evaluating experience.</p> <p>Both <b>Technical responsiveness and Price</b> are considered for evaluation. Technically responsive lowest evaluated bidder is selected for the awarding. Initially, 03 test reports submitted to prove previous experience and subsequently the Lab Tests are considered for the evaluation of technical responsiveness.</p>	
03. Manufacturer's Certifications	<p>The bidder shall provide documentary evidence on certifications by means of copies of the original certificates shall be submitted with the Bidding Document. <b>If not, Bid shall be rejected as non-responsive.</b></p>	

04. Manufacturer's authorizations	For all components of the card (including security features) that are not manufactured / offered by the Bidder or the Lead Bidder in case of "JV" himself, a <b>Manufacturer's Authorization letters should strictly be provided</b> using the format / template provided in this bidding document. Each party in the JV should submit the <b>Manufacturer's Authorization letters. If not attached with bidder offer treated as a Non-responsive bid.</b>	
05. Delivery and re-order lead time	Bidder must provide details on the minimum lead time required for re-ordering of ID cards according to the same specifications (if required).	

**CIDA Requirement for the Card Data (Personalization Information):**

01. Card Data (Personalization Information)	A high level committee has been formulated to recommend the personalization information and layout design. Based on the committee's recommendation the CIDA will finalize the exact personalization information and card layout design. Therefore the following table is tentative:
02. Front - side (Personalization information)	<p>Government Logo</p> <p>Proposed security features</p> <p><u>Following details and titles should be printed in English Language</u></p> <p>Name with Initials of the holder</p> <p>National Identity Card No. of the holder / Passport No. of the holder (Optional)</p> <p>The type of Craftsman or Tradesman</p> <p>Identification number specifying the Category and Grade</p> <p>Whether a Craftsman/ Master Craftsman or Tradesman/ Master Tradesman</p> <p>Photograph of the holder</p>
03. Back-side (Personalization information)	<p>Card Serial Number (in visual)</p> <p>Proposed Security features</p> <p>Electronic Identification Code and a specific Colour Code for each grade of the category</p> <p><u>Following details and titles should be printed in English Language</u></p> <p>Holder's Address</p> <p>Applicable System Notation as specified</p> <p>Date of Issuance / Date of expiry</p> <p>Signature of Issuing Officer</p> <p>Any other terms and conditions as may be determined by the Authority.</p>

Name of the Bidder

Signature

Company Seal

***Note: Bidder's response must be detail and must refer to the documentary evidence and supportive proof of technical details. The proposals submitted without the dully filled compliance sheet will not be considered for evaluation and rejected as non-responsive***