



INVITATION TO BID (ITB LK24-002)

Supply, Installation and Commissioning of Automated Border Control (ABC) Gates and Automated Face Recognition System (AFRS) at the Bandaranaike international Airport, Sri Lanka

BID BULLETIN

**Amendment No. 1
Issued on 22 February 2024**

1. This Amendment #1 to the ITB LK24-002 is being issued to address amendments to the solicitation documents and provide clarifications of the queries submitted by bidders (as of 20 February 2024)

2. Amendments to the ITB:

ITB-LK24-002 ABC Gates and AFRS Invitation and Instructions

Section 3: Data Sheet

16	Deadline for bid submission	Date: 14 March 2024 Time: 17:00hrs. Time zone: (GMT +5.30)
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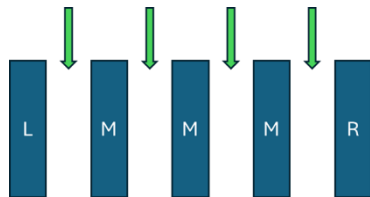
3. Responses to clarifications requested by bidders via email (as of 20 Feb 2024):

Refer annex below

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This document summarizes the responses to the queries/ clarifications requested by the bidders in repose to the ITB LK24-002 ‘*Supply, Installation and Commissioning of ABC Gates and Automated Face Recognition System (AFRS) at Bandaranaike international Airport, Sri Lanka*’. All queries have been sorted and listed below based on the document name and related provision.

Related Provision	Bidder Query	Response
ITB-LK24-002 ABC Gates and AFRS Invitation and Instructions		
Section 2: Instructions to Bidders Provision 10 – Cost of preparation of bid	Please advise if bidders need to buy the IOM bid document ITB LK24-002 or the downloaded document from IOM portal is good for bidding?	All ITB documents are available to be downloaded free of charge.
Section 2: Instructions to Bidders Provision 17 – Duties and Taxes	Does IOM need to withhold tax for the payment for services & software?	All prices should be exclusive of VAT and applicable indirect taxes
Section 3: Data Sheet Provision 8 – Bid Currencies	We seek your clarification if the bids can be allowed in USD and Euro currency both?	Bid currency must be USD
Section 3: Data Sheet Provision 23 – Liquidated Damages Penalty of 0.1% of the total price for every day of unjustified breach of the delivery schedule by the Supplier.	Is there a ceiling to the penalty?	No
Section 3: Data Sheet Provision 16 – Deadline for bid submission	Please provide 4 weeks of bid preparation time after all pre bid responses are responded and final addendum is published.	Bid submission deadline will only be extended until 14 March 2024. Time: 17:00hrs. Time zone: (GMT +5.30)
Section 4: Evaluation Criteria Certificates and Licenses (Page 17)	We understand, a local representative can be the bidder for solution from provider located outside the country. In this situation the solution provider fulfilling the eligibility is a	A local representative can submit a bid on behalf of a principal located outside of Sri Lanka.

	<p>sub-supplier to the bidder and need not be the bidding entity. Could you confirm our understanding?</p> <p>Additionally, the offer relies on the references, experience, eligibility and offer from the solution provider, with the local representative being the bidder.</p>	<p>If the local representative is submitting the bid on behalf of the principal, in that case the principal's financial documentation, references, experiences etc. would be accepted as supporting documents.</p>
<p>Section 4: Evaluation Criteria Previous Experience (Page 17)</p> <p>Minimum five (5) years of relevant experience</p>	<p>We understand this experience could pertain to Group / affiliates of the solution provider. Additionally, would be considered as experience for the bidder relying on experience of solution provider located outside the country?</p>	<p>If the local representative is submitting the bid on behalf of a principal located outside Sri Lanka, in that case the principal's past experiences would be acceptable.</p>
<p>Section 4: Evaluation Criteria Previous Experience (Page 17)</p> <p>Minimum three (3) contracts of similar value, nature and complexity implemented over the last five (5) years.</p>	<p>We understand this experience could pertain to Group / affiliates of the solution provider. Additionally, would be considered as experience for the bidder relying on experience of solution provider located outside the country?</p>	<p>If the local representative is submitting the bid on behalf of a principal located outside Sri Lanka, in that case the principal's past experiences would be acceptable.</p>
<p>Section 05: Schedule of Requirements Provision B – Technical Specification for Goods</p> <p>Lot 1: ABC gates – Quantity</p>	How many lanes?	4
	<p>What is the lane configuration for these 4 eGates? 1+1+1+1 4x single lane? or 2+2 2x dual lane, or 3 + 1 1x triple lane + 1x single lane? or 1x quad lane</p>	<p>Ideal lane configuration is as follows;</p> 

<p>Section 5: Schedule of Requirements Provision C – Delivery Requirements</p> <p>Bidder shall deliver the goods LOT 1. ABC Gates within maximum 180 days. And Lot 2. AFRS within maximum 60 days after contract signature.</p>	<p>Please help clarify if this delivery is for physical delivery of hardware & software only. It is understood that the installation, integration and customization would be excluded for the delivery timelines.</p>	<p>Lot 1: ABC gates - Delivery of all deliverables including installation, integration and customization will have to be completed within 180 days.</p> <p>Lot 2: AFRS – Software installation and testing will have to be completed within 60 days. Integration and customization will be completed within 180 days.</p> <p><i>*Please note that in both cases the number of days will be calculated from the Contract signature date.</i></p>
ITB LK24-002 Forms and Templates		
<p>Form C – Bid Submission</p>	<p>Our understanding is that this form needs to be completed by the bidder only. Please confirm.</p>	<p>Yes, bid submission form (Form C) needs to be completed only by the bidder. Form should be duly signed and sealed.</p>
Vendor Information Sheet		
<p>Vendor Code, UNGM No.</p>	<p>As we do not have an IOM vendor code, will IOM allow bidders not having IOM vendor code to participate in this bid?</p>	<p>Bidders are not mandatorily required to have an IOM vendor code or an UNGM Number to apply for this bid.</p>
	<p>For vendors not having an IOM vendor code apply for IOM vendor registration?</p> <p>How long will it take to get the registration to be completed?</p>	<p>Bidders are not mandatorily required to have an IOM vendor code or an UNGM Number to apply for this bid.</p>
	<p>For vendors not having IOM vendor code bid through their local Sri Lankan partner who has an IOM Vendor code.</p>	<p>Bidders are not mandatorily required to have an IOM vendor code or an UNGM Number to apply for this bid.</p>

ABC Gates Technical and Non-technical Requirements		
B.7 : The barrier gates (swing barriers) must be of sufficient height to retain a passenger who requires secondary inspection. The height of the obstacle should be at minimum 48 inches.	Would ABC gates with sliding telescopic doors which retract seamlessly within the gate module be acceptable under this tender?	Barrier gate requirement will be limited to swing barriers.
C.4 : ABC gate entry control requirements: The first barrier (i.e., 1 st stage control) of the ABC gate must support the following operations. 1) A self-service, passenger data/document capture and decoding device capable of capturing the following information. a) Passenger data page in an ICAO 9303 compatible machine-readable (MRTD) passport, including its multi-spectral images and decoding the Machine Readable Zone (MRZ). For e-passports, the device should be capable of reading the chip data. b) Image of a standard boarding pass (either home-printed, mobile, or issued at a checking counter) and decode the embedded barcoded information. c) The departure/arrival card image used by the Department of Immigration and Emigration (DIE) d) Any standard QR code/barcode printed on standard paper or on a mobile device screen.	What is the size of the departure/arrival card?	Current departure/arrival card size is 18cm x 13cm. However, (if required) size specifications of the card can be revised to be line with international standards.
	what image format needs to be saved into? JPEG?	Image should be saved in either JPEG or PNG formats.

AFRS Technical and Non-technical Requirements		
1.1: The proposed solution should provide backend verification (i.e., 1:1 matching) between a live-captured face image (mug shot) and an ICAO compliant face image included in a claimed identity. The verification should be exposed via a secure API as a service, enabling multiple external systems to integrate and use the system for verification.	What is the size of database/watchlist for 1:1 matching?	The expected functionality will be limited to 1:1 face verification. A pre-registered image of the traveller needs to be verified against the live-captured face image.
	Do we need to perform data migration from existing ABIS?	No
	What is the data retention period (how long do we keep the data)?	The ABC gate controller is expected to transfer all transactional details (including captured image) to a middleware layer maintained by the Immigration Department's back-end solution via a published Rest-API call. All data will be retained only at the Immigration Department's backend. The ABC gate or ABC-gate controller is not expected to retain any transactional data other than the technical logs relating to its operations
	Is 1:N matching needed?	No
2.6: Provision of warranty and maintenance services. Warranty will be required for 3 years from the date of final user acceptance. The solution should be supported with an annual maintenance contract following the warranty period.	Please help to clarify if there will be two independent "final user acceptance" for AFRS and ABC Gates? And the warranty period will be calculated separately	Yes
	How many years will the AFRS support and maintenance be?	Warranty period should be 3 years. Bidders will be expected to extend annual maintenance support throughout the

		<p>product's lifespan. The product's lifespan should be at minimum 15 years (including the warranty period).</p> <p>Please indicate the cost of annual maintenance services separately in the financial proposal.</p>
6.1: The solution must handle not less than 100 face matching transactions per second, with a maximum latency of not exceeding 3 seconds (measured from calling the request API to delivery of the outcome).	Please confirm it's 100 faces per second, not per minute, as the number of eGates does not seem to support such throughput.	Software must be able to handle at minimum 100 face matching transactions per second.
7.1 The proposed core solution must be listed within the top 25 products, preferably within the top 20 for NIST Face Recognition Technology Evaluation (FRTE) 1:1 Verification	<p>Kindly consider the below, for wider participation of the solution providers:</p> <p>"The proposed core solution must be listed within the top 25 products, preferably within the top 25 for NIST Face Recognition Technology Evaluation (FRTE) 1:1 Verification"</p>	<p>This discrepancy has been a typo, which has been adjusted to read as follows;</p> <p>"The proposed core solution must be listed within the top 25 products, preferably within the top 25 for NIST Face Recognition Technology Evaluation (FRTE) 1:1 Verification"</p>