

Bid Bulletin # 01

ITB Reference No: LK24-006

Request for Quotation for the Design, Supply, Installation, Testing, and Commissioning of a Biometric-Enabled Access Control Turnkey System at Bandaranaike International Airport, Sri Lanka

Date: 09/12/2024

1. Introduction

During the pre-bid meeting, the project team introduced the scope, objectives, and procedural requirements for the biometric-enabled access control turnkey system. This bulletin provides clarifications and additional details based on queries raised during the meeting.

2. Clarifications on Project Scope

- The project includes software and hardware components, central monitoring systems, facial recognition-enabled controllers, and a training component for end users.
- The system must integrate seamlessly with the existing infrastructure at the airport.

3. Key Technical Clarifications

a) Biometric Readers and Related Hardware

Biometric readers, magnetic door lock hardware, and battery backups will be provided on a "supply-only basis." However, full system integration must be completed prior to handover.

b) Power Supply

- The system must include uninterrupted power supplies (UPS) and battery backups for reliable operation.
- UPS power will be provided by the client for equipment installed at the data center location.

c) Antenna Transmit Power

The given specifications require antenna transmit power to exceed 30 dBm. However, this may conflict with TRC regulations in Sri Lanka. It is clarified that AASL is currently using antennas with these specifications, and their use is permissible.

d) Software Updates and Licensing

- The software must be provided with a perpetual license as per the technical specifications.
- Software updates must be free of charge, except for major upgrades that fall outside regular maintenance provisions.

e) Portable Handheld Access Pass Readers

Portable handheld readers are required for verifying access passes in non-predesignated areas. These areas are assumed to have Wi-Fi connectivity, which will support the operation of the

readers within the same network range as other access devices. Compliance with TRC regulations is mandatory; special approval will be sought if necessary.

f) **Quantity of CCTV Cameras**

There is a discrepancy in the documents: the BOQ mentions 12 cameras, while the technical specifications state 24. The correct quantity is **24 cameras**, as per the technical specifications.

g) **Requirement for Laptops**

The technical document specifies one laptop, which must be provided, though it is not mentioned in the BOQ.

h) **Monitoring PC Units and Workstations**

Each of the 12 monitoring locations will require a workstation equipped with tracking software and UPS power.

i) **Peripheral Devices for Door Access Control**

Only electromagnetic locks (EML) are required for doors. Other peripheral devices such as push buttons and break glass units are not needed.

4. Site Inspection

- **Optional Site Inspections:** These are available upon request and must be scheduled before December 18th.
- **Procedure:** Submit requests at least three days in advance, indicating the preferred date.

5. Bid Submission Guidelines

- **Deadline:** Bids must be submitted by December 24th, 17:00 hours.
- **Submission:** All required documents should be sent to the specified email address provided in the bidding documents.
- **Queries:** Participants can submit any additional questions about the bidding documents by December 12th.

6. Additional Requirements

- **Performance Security:** A 10% performance security is required from the selected bidder.
- **Emergency Mechanism:** The access control system must integrate with the fire alarm system for emergency overrides.
- **Recording System:** CCTV cameras must include a recording system with at least 30 days of backup.

Note for Participants:

- Submit queries by December 12th.
- Request site inspections as per the guidelines.
- Ensure all required documents are included in the bid submission.

For any additional inquiries, please contact mmapa@IOM.int / swarnaso@iom.int

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