REQUEST FOR INFORMATION FOR THE REPLACEMENT OF SECURITY DETECTION EQUIPMENT AND SMART DETECTION & AUTOMATED LANES SOLUTION AT AIRPORTS COMPANY SOUTH AFRICA SOC LIMITED

RFI Number:	:	**COR7254/2023/RFI**
Issue Date	:	**04 August 2023**
Query Closing Date	:	**16 August 2023**
Briefing Session Date	:	**N/A**
Site Inspection	:	**N/A**
RFI Closing Date and	:	**25 August 2023**

1. SECTION 1: INSTRUCTIONS TO SERVICE PROVIDERS

1.1. Access to Request for Information (RFI) document

The RFI document is uploaded on e-tenders portal (www.etenders.gov.za).

Submission of RFI document

The submitted RFI response must indicate the full RFI description and number. The RFI response document must be submitted on or before **Friday the 25th of August 2023** using the following method:

1.1.1. Email submissions:

The RFI response document must be sent to the following email address:

sydney.mfeka@airports.co.za

Service Providers are encouraged not to submit big attachments at once, they should break up their submissions into permissible sizes (20Mb).

Service Provider are requested to submit their RFI response in the format instructed, no other format will be acceptable.

Service Providers are advised to submit their responses on time. Responses should be clearly marked as – **Request for Information – Replacement of Security Detection Equipment and Automated Lanes**.

1.2. Late Responses

Service Providers are encouraged to submit their proposals on time as no late submission will be accepted.

1.3. **Clarification and Communication**

Name: Sydney Mfeka

Designation: Category Specialist

Email: **sydney.mfeka@airports.co.za**

1.3.1.   Request for clarity or information on the RFI may only be requested until **16th of August 2023**. Any responses to queries or for clarity sought by a Service Provider will also be sent to all the other entities which have demonstrated interest of the RFI invitation.

1.3.2.   Service Providers may not contact any ACSA employee on this RFI other than those listed above.

1.4. **RFI Responses**

The RFI responses must be strictly prepared and returned in accordance with this RFI document.

1.5. **Confidentiality of Information**

1.5.1. ACSA will not disclose any information disclosed to ACSA through this RFI process to a third party or any other Service Provider without any written approval form the Service Provider whose information is sought.

1.6. **Hot – Line**

ACSA subscribes to fair and just administrative processes. ACSA therefore urges its clients, suppliers and the general public to report any fraud or corruption to:

Airports Company South Africa TIP-OFFS ANONYMOUS

Free Call: 0800 00 80 80 or 086 726 1681

Email: **office@thehotline.co.za**

SECTION 2: BACKGROUND, PURPOSE, AND SCOPE OF WORK

1. Introduction

ACSA airports have been capacitated with single view security screening machines at International and domestic central screening points (CSP) access gates, crew and staff screening points, goods screening points, transfer, and VIP facilitation. These machines have passed their operational life cycle and thus creating potential security risks at various airports. The current and emerging threats have surpassed the single view technology and thus no longer agile enough to tackle the emergent threats, moving bottlenecks and inefficiencies within the system. Further maintenance costs are exorbitant and replacement parts are difficult to source. The current screening equipment at various central search points, access gates and various security-controlled points require replacement from the single view to the latest technology in the market.

ACSA, therefore, request information of the latest advanced screening technology that is currently available on the market that would not require the removal of lags and electronics from carry-on luggage as well as improving the processing rate per passenger (throughput).

2. Purpose

ACSA is soliciting information from relevant service providers to replace the current security screening machines and to implement automated lanes. ACSA would like to implement security screening technology that will be able to detect prohibited items and to mitigate risks and emerging threats across all 9 airports covering the following areas.

- Central Screening Points (International and domestic)
- Crew and staff screening
- Cargo
- Retail goods screening
- Vehicle access gates

3. Objective

The objective of the RFI is for the suppliers to advise on the latest technology in the market and the estimated costs of the Passenger Screening and Detection equipment, screening of goods and supplies (retail), vehicles screening equipment and automated lines at all ACSA airports, implementation, maintenance, training, project management and support as well as the required infrastructure and data security systems that ACSA would need to consider. These estimated costs

will enable ACSA to budget properly for a project of this nature. Furthermore, the supplier is requested to measure and compare market related pricing of the proposed solution/s.

The solution/s must be innovative and add value to the business process management services across the customer value chain, which should also support ACSA's strategic objectives by:

a) Improve Operational Efficiency
b) Increase detection levels.
c) Increase Baggage Security
d) Improve Focus on Checkpoint Operations on Security Issues
e) Increase Passenger Throughputs
f) Enhance Passenger Experience
g) Ensure future expansion through a Modular Design
h) Significantly Reduce Security Checkpoint Staffing Levels
i) Rapid Return on Capital Investment
j) Low Operating Costs
k) Measure the Number of Passengers being processed.
l) Measure the ability of security screening to detect foreign/prohibited objects (both through test blocks and real-time assessment).

4. RFI Scope

The proposed solution and costs estimates should include the following:

Design, Supply, Installation, Reliability Testing, Commissioning, Maintenance & Repairs, Training and Project Management of Security Detection system, Full Body Scanners, Automated Tray Return (ATR) and Centralized Screening System for Hand Baggage. X-Ray Inspection System at ACSA Airports, with two-year on-site warranty and five years Comprehensive Annual Maintenance Contract with 24 hours and 7 days dedicated resource/s deployment, spares (supply of spares) as per terms, conditions, and specifications of the tender.

This is to ensure the replacement of the current equipment with the latest security detection equipment and contact less technologies to enable the following services and systems:

- Cabin Baggage 3D Xray Machine
- Goods and supplies Palletized Xray Machine (bulk screening 100x100 & 150x150)

- Full Body Scanner

- Automated lanes with automated Barcode Reader (Egates)

- Archway Metal Detectors (AMD's)

- Equipment test piece

- 1 x recheck 3D x-ray machine per 2 lanes (reverse system) /secondary reviewing station.

- Central remote screening room

- IT services and integration to ACSA network

- Mobile Vehicle Screening Xray equipment

- RFID trays

- Self-service 2D barcode machines

4.1   Technical Information and Specification:

4.1.1   Service Providers are requested to submit their responses via email that clearly set out their proposed solution and estimated costs to each solution in line with the request.

4.1.2   Please note that the information received in the form of a response to this RFI document will be treated with confidentiality. Service Providers are welcome to attach addendums to substantiate their response.

4.1.3   Service Providers may be required to demonstrate their proposed solution.

4.2   Instruction to respondents

The following should be noted in terms of this RFI process and submission.

- **Enquiries and Clarifications**

Formal enquiries and clarifications with respect to this RFI should be submitted to this email **sydney.mfeka@airports.co.za** before the **16th of August 2023**.

- Service Providers are advised to submit their enquiries on time, and they should be clearly marked as **Request for Information – Replacement of Security Detection Equipment and Automated Lanes - Enquiry**.

5. RFI Process Timelines

Procurement Activities	Date
RFI Issue Date	04 August 2023
RFI Closing Date for Clarification/Questions	11 August 2023
RFI Closing Date	18 August 2023

5.1 Structure of The Response Document

Service Providers should ensure that the document is structured in a logical manner. The following proposed sections are recommended:

1. Proposed Solution (for each product/technology)

   - *Service Providers need to take into consideration that ACSA has 9 airports within South Africa, this is made up of 3 International (bigger) and 6 Regional airports (smaller) therefore the proposed solution should differentiate between equipment that will be proposed for these different sizes of airports.*
   - *Service Providers must also indicate if the proposed equipment is ECAC or TSA accredited.*

2. Pricing structure (with estimated costs) using the table below.

Items	Price	Comments
Design		
Supply *(include all relevant costs)*		
Installation and Commissioning		
Reliability Testing		
Maintenance & Repairs		
Project Management		
Training		
Other Costs *(provide further details under comments section)*		

- All prices should exclude Value Added Tax
- Service Providers should use **1 Dollar = 18.00 ZAR** as the rate of exchange

7. TERMS AND CONDITIONS

The following terms and conditions are applicable to this RFI process:

i. **ACSA reserves the right to restrict any Request for Proposal that might arise from this RFI process to only the Service Providers that have responded to this RFI.**

ii. The costs are estimates for budget purposes only. There is no commitment on the part of either the Service Provider or ACSA, or any obligation by ACSA to the Service Provider. The information provided must be presented in a format that corresponds to and references sections outlined within this RFI. This will allow ACSA to more easily formulate a budget based on a comparison and extraction of information from all respondents. Each RFI response will be a potential contributor to part of the overall specification formulation, budget and other.

iii. All responses will be kept confidential and not be available for public knowledge.

iv. Any irregularities or lack of clarity in the RFI should be brought to ACSA's attention as soon as possible so that corrective addenda may be furnished to prospective respondents.

v. Alterations, modifications, or variations to a proposal may not be considered unless authorized by the RFI or by addendum or amendment.

vi. Proposals may be withdrawn by written notice received prior to RFI closure.

vii. In addition to the terms and conditions stipulated, potential respondents should ensure that they have relevant experience and capacity to embark on a project of this nature with contactable references or sites.

viii. ACSA reserves the right to stop this process at any time.