



African Reinsurance Corporation
Société Africaine de Réassurance

REQUEST FOR PROPOSAL (RFP)

SUPPLY, INSTALLATION & COMMISSIONING OF LUGGAGE X-RAY SCANNER AND WALK-THROUGH METAL DETECTOR FOR AFRICA RE LAGOS AND ABUJA OFFICE BUILDING,

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1. INTRODUCTION

The African Reinsurance Corporation ("Africa Re" or "the Corporation") is an **international organization** with a **mission** *"to foster the development of the insurance and reinsurance industry in Africa; to promote the growth of national, regional, and sub-regional underwriting and retention capacities and to support African economic development."*

As a **supranational organization**, the Corporation was created pursuant to the **Agreement Establishing Africa Re**, which was executed in 1976 by the following **founding shareholders**:

- 42 Member States of the African Union (AU), and
- African Development Bank (AfDB),

In subsequent years, the following **additional shareholders** joined the Corporation's shareholding:

- 112 African insurance and reinsurance companies registered in the Member States, and
- 3 leading global insurance and reinsurance groups.

This above *Agreement* confers on the Corporation its current status as a **multilateral institution** as well as the legal authority to operate in Member States. Africa Re, however, operates in other non-member States where it has registered subsidiaries, agencies, and offices.

With its **Headquarters** in Lagos (Nigeria), Africa Re operates **in Africa**, through

- 6 Regional offices in Abidjan (Côte d'Ivoire), Cairo (Egypt), Casablanca (Morocco), Lagos (Nigeria), Nairobi (Kenya), and Ebène (Mauritius),
- 3 Local Offices in Addis Ababa (Ethiopia), Khartoum (Sudan), Kinshasa (DR Congo),
- 2 Underwriting Representative Offices in Kampala (Uganda), and
- 2 Subsidiaries: Africa Re South Africa Limited in Johannesburg (South Africa), African Retakaful Company in Cairo (Egypt), and

Africa Re operates **outside Africa**, through

- 1 Underwriting Agency (Africa Re Underwriting Agency Limited) in the Dubai International Financial Centre (DIFC), Dubai (UAE), and
- 1 Branch Office in the International Financial Services Centre (IFSC), GIFT City (India).

The Corporation has the highest international financial strength and credit ratings by any indigenous reinsurer in Africa, with **A (Strong / Stable Outlook)** with **Standard & Poor's** and **A (Excellent / Stable Outlook)** with **AM Best**. This is without any callable capital or parental guarantee or any other shareholders' guarantee.

2. OBJECTIVES

The African Reinsurance Corporation (hereinafter referred to as "Africa Re") invites proposals from suitably qualified, experienced, and authorised vendors for the supply, installation, commissioning, and operator training of three (3) dual-energy X-ray luggage scanners and two (2) walk-through metal detectors at its premises, distributed as follows:

- 2 units — Dual-Energy X-Ray Luggage Scanner (Abuja Head Office)
- 1 unit — Dual-Energy X-Ray Luggage Scanner (Lagos Head Office)
- 2 units — Walk-Through Metal Detector (Abuja Head Office)

The scope shall further include the decommissioning and relocation of the existing luggage scanner unit at the Lagos office.

In furtherance of its commitment to maintaining a robust and effective access control and security screening programme, Africa Re has resolved to procure new, state-of-the-art equipment of specified models and capabilities, in line with current international security standards.

The primary objectives of this project are as follows:

- Decommission, safely remove, and relocate the existing X-ray luggage scanner to Africa Re's preferred location within the Lagos office.
- Supply three (3) brand-new dual-energy X-ray luggage scanners and two (2) walk-through metal detectors, complete with all accessories, software, and documentation as specified herein.
- Install and commission **one (1) new luggage scanner at the Lagos office — Plot 1679, Karimu-Kotun Street, Victoria Island, Lagos and two (2) luggage scanners and two (2) walk-through metal detectors at the Abuja Head Office — Plot 1573, Ralph Shodeinde Street, Central Business District, Abuja.**
- Provide comprehensive, hands-on operator training to designated Africa Re security personnel.
- Ensure a seamless transition with minimal disruption to Africa Re's ongoing security operations.

3. SCOPE OF SERVICE

3.1. Decommissioning & Removal of Existing Scanner (LAGOS OFFICE)

The Contractor shall be responsible for the complete decommissioning, dismantling, safe removal, and relocation to a suitable location within the premises. This work package shall include, but not be limited to, the following:

- Disconnection of all electrical, data, and mechanical connections in accordance with applicable safety standards;
- Careful dismantling and removal of the existing scanner, conveyor system, and all associated components;
- Reinstatement of the installation area to a clean and level condition, ready to receive the new equipment;
- Relocation of the removed unit and all associated accessories to a designated location within the facility.

3.2. Supply, Installation & Commissioning (Lagos and Abuja)

The Contractor shall supply, deliver, install, and commission Three (3) brand-new Astrophysics XIS 6040 dual-energy X-ray luggage scanner in full accordance with the technical specifications set out in Section 4 of this RFP. This work package shall include:

- Supply of three (3) new, genuine **Astrophysics XIS 6040**, complete with all standard accessories, user manuals, maintenance manuals, and software licenses; (**One (1) machine in Lagos and two (2) in Abuja**)
- Supply and install **two (2) new, genuine CEIA HI/PE Plus Enhanced Walk-Through Multi-Zone Metal Detector, IP65 Protection (weather and anti-vandalism protection) 100-240V, 50HZ.** complete with all standard accessories, user manuals, maintenance manuals, and software licenses; (**ABUJA OFFICE**)
- Unpacking, inspection, and verification of the unit against the manufacturer's specifications and packing list
- Civil and builders' works (if any) required to prepare the installation area, including cable routes, power supply connections, and anchorage
- Full mechanical installation, integration of electrical and data connections, and configuration of all operating software;
- Conduct of a Factory Acceptance Test (FAT) and Site Acceptance Test (SAT) in the presence of designated Africa Re representatives.
- Provision of all as-built drawings, commissioning reports, test certificates, and equipment documentation upon completion.

3.3. Operator Training

The Contractor shall deliver a comprehensive, structured training programme for Africa Re's designated security operators and technical staff. The training programme shall include:

- System overview and operating principles of the all the supplied and installed machines, including X-ray imaging, dual-energy discrimination, and threat detection features;
- Practical hands-on operation of the all equipment, including startup and shutdown procedures, conveyor operation, image analysis, and alarm response protocols;
- Interpretation of X-ray images organic, inorganic, and mixed material identification; recognition of prohibited items, IEDs, narcotics, and concealed weapons;
- Routine preventive maintenance procedures that can be carried out by operators, including cleaning, calibration checks, and basic fault identification;
- Health, safety, and radiation safety protocols in accordance with applicable regulatory standards;
- Emergency shutdown and fault reporting procedures; and
- Assessment and certification of trained operators upon satisfactory completion of the programme.

3.4. Bill of Quantity

No.	Pkg	Item Description	Unit	Qty	Unit Rate	Total Amount
A — Decommissioning & Removal of Existing Scanner (LAGOS)						
A1		Disconnection of all electrical, data, and mechanical connections	Lot	1		
A2		Dismantling, removal, and off-site relocation of existing scanner	Lot	1		
A3		Reinstatement and preparation of installation area	Lot	1		
SUBTOTAL — Work Package A						
B — Supply, Installation & Commissioning						

No.	Pkg	Item Description	Unit	Qty	Unit Rate	Total Amount
B1		Supply of three (3) brand-new Astrophysics XIS 6040 X-ray scanner	Nr	3		
B2		Supply of Two (2) brand-new CEIA HI/PE Plus multi-Zone detection	Nr	2		
B3		Civil and builders' works (cable routing, power connection, anchorage)	Lot	1		
B4		Full mechanical installation, electrical wiring, and software configuration	Lot	1		
SUBTOTAL — Work Package B						
C — Operator Training						
C1		Full operator training programme	Lot	1		
C2		Competency assessment, certification of operators	Lot	1		
SUBTOTAL — Work Package C						
GRAND TOTAL (Excl. VAT / Taxes)						

2. CEIA HI-PE PLUS Multi-Zone Metal Detector

Parameter	Specification
Detection Zones	60 (20 vertical × 3 lateral)
Threat Detection Range	Firearms down to ½ cutter blade
Reset Time	As low as 0.2 seconds
Detection Speed	Up to 15 m/sec
Security Programmes	Up to 50 (30 IS + 20 custom)
Audio Tones	10 tones + 34 special sounds
Sound Range	0–90 dBA at 1m
Power Supply	100–240V~ ±10%, 50Hz
Power Consumption	40 VA typical
Operating Temperature	-20°C to +65°C
Storage Temperature	-37°C to +70°C
Relative Humidity	0–95% (no condensation)
Interfaces	BT, Infrared (std); Ethernet, USB (opt)
Dimensions (approx.)	226 cm H × 84 cm W × 71 cm D
Maintenance	None required; fully self-diagnostic
Certifications	EMD, Law Enforcement, EMC, Pacemaker Safety

5. EVALUATION PROCESSES AND SELECTION CRITERIA

Responses to this RFP will be evaluated and scored based on the following criteria:

- 1) *Company Profile*
- 2) *Relevant experience and track record*
- 3) *Technical approach and methodology*
- 4) *Compliance with technical specifications*
- 5) *Health, Safety & Quality Assurance*
- 6) *After-Sales Support, Warranty & Maintenance Capability*
- 7) *Cost competitiveness and transparency*

6. PRESENTATION OF TENDER

To facilitate the analysis of responses to this RFP, the responding Company is required to prepare their proposals in accordance with the instructions outlined in this section.

Company whose proposals deviate from these instructions would be considered non-responsive and may be disqualified at the discretion of Africa Re.

Proposals should be clear and comprehensive. It should provide a straightforward, concise description of the Company's capabilities to meet the requirements of the RFP and the proposal should be organized into the following major sections:

6.1. Section Title

- 1. Executive summary***
- 2. Company Profile***
- 3. Technical approach and Methodology***
- 4. Experience and Portfolio of Similar Contracts***
- 5. Health, Safety & Quality Assurance***
- 6. Financial Proposal: Detailed pricing structure***
- 7. Quality Assurance, Health & Safety Policies***

7. DURATION OF THE PROJECT

The supply and installation work, as outlined above, must be completed within **Twelve (12) weeks** from the date of the vendor's appointment

8. CLARIFICATION AND AMENDMENT OF REQUEST FOR PROPOSAL

The vendors may request clarification only up to **2 days** before proposal submission date. Any request for clarification must be sent in writing by letter or email to the Africa Re's address indicated below.

Africa Re will respond by letter or email to such requests and will send written copies of the response (including an explanation of the query but without identifying the source of the inquiry) to all firms which intend to submit proposals.

Contact for clarification: Idakwo.joel@afrika-re.com

9. SITE INSPECTION

For a site inspection, kindly contact **Joel Idakwo (+2348065593067)- Lagos Office and Chinedu Nwachukwu (+234 8036316799) – Abuja Office** for necessary arrangement.

10. PROPOSAL SUBMISSION

The Proposals should be submitted through the email address: tender@afrika-re.com not later than **July 30TH 2026**, and the subject of the email should read:

“SUPPLY, INSTALLATION & COMMISSIONING OF ASTROPHYSICS XIS 6040 LUGGAGE X-RAY SCANNER AND CEIA WALK THROUGH METAL DETECTOR ”

Any proposal received by Africa Re after the submission deadline shall not be considered.

11. AFRICA RE RIGHTS RESERVED

Africa Re reserves the right, in its sole discretion, to take actions deemed in Africa Re's best interest that may include any one or more of the following without thereby incurring any liability to the affected bidder(s) of any obligation to inform the affected bidder(s):

- a. Accept or reject any or all proposals in whole or in part, at any time prior to award of Contract.

- b. Waive any minor irregularities or informalities in a proposal, or vary any timetable or schedule.
- c. Suspend or modify the RFP process or negotiate the details of a proposal prior to contracting

12. OWNERSHIP AND RETURN OF PROPOSAL

All materials submitted in response to this RFP shall become the property of Africa Re and shall not be returned to the respondent.

Lagos, July 2026

For: African Reinsurance Corporation

Dr. Corneille KAREKEZI

Group Managing Director/Chief Executive Officer