

QUESTIONS AND ANSWER PACK . RAF 2025/00029

EMPLOYER	The Road Accident Fund
RFP NUMBER	RAF/2025/00029
DESCRIPTION	THE ROAD ACCIDENT FUND (RAF) REQUIRES AN ACCREDITED BIDDER TO DESIGN, SUPPLY, INSTALL, COMMISSION AND MAINTAIN THE INTEGRATED SECURITY SYSTEMS OF CCTV, ACCESS CONTROL AND PERIMETER CONTROL FOR ROAD ACCIDENT FUND (RAF) HATFIELD REGION FOR A PERIOD OF 60 MONTHS
DATE OF PUBLICATION	20 August 2025
BID VALIDITY PERIOD	90 DAYS FROM THE BID CLOSING DATE
BID CLOSING DATE	19 September 2025
BID CLOSING TIME	11:00

TENDERS MUST BE HAND DELIVERED OR COURIERED TO	The Road Accident Fund (RAF) 420 Witch Hazel Avenue Eco Glades 2 Office Park, Block F (at reception into the Tender Box) Attention: RAF's Representative mentioned below
RAF'S REPRESENTATIVE	Shadi Matlou Shadim@raf.co.za

1. Access Control

- The current access control platform in use is **Access Portal 5 (Impro product)**.

- ► **Can we use Hikvision equipment to be integrated** with this platform?

A: The system equipment must integrate with the current Access Portal 5 platform.

- ► **Will you as the client provide the fiber network** for access control, or is the contractor responsible for deploying a dedicated fiber backbone to connect each floor's cabinet?

A: Fiber Network:

The contractor is responsible for deploying a dedicated fiber backbone to connect each floor's cabinet. RAF will provide the existing IT backbone only for business systems.

- ► **Are all doors (internal and external) required** to have both **entry and exit readers**, or are some exit-only?

A: • Entry & Exit Readers:

All external and internal doors require both entry and exit readers.

- ► Please specify the **bracket types** required for **door magnets**.

A: Standard Z and L brackets are required; any specialized brackets must be confirmed on site.

- ► Please specify if there are door closers or will it be required for the **doors**.

A: Yes, door closers will be required for high-security and fire-compliant doors.

2. Intercom System

- ► Why is a **2-button intercom** required per door? Our proposal is to use a **1-button intercom** programmed to ring an indoor station, and if unanswered, divert it to the control room for manual override.
 - ► Is this acceptable for you as the client?

A: •2-Button vs 1-Button Intercom:

The proposal for a 1-button intercom that diverts unanswered calls to the control room is acceptable.

- ► Please **confirm the total number** of **indoor and outdoor doors** that will require access control.

A: Please confirm with site drawings, but all perimeter entry points and sensitive internal access points

3. Connectivity

- The main building must be connected to **two guardhouses**.
 - ► Is a **wireless bridge** acceptable, or do you as the client require **trenching and fiber installation**?

A: Fiber trenching is preferred for long-term stability. Wireless bridging may only be used as a temporary solution with RAF approval.

4. Fiber & Network Infrastructure

- Each floor reportedly has a network cabinet.
 - ➤ Will you as the client be **providing the fiber** backbone between these cabinets, or must we **install a dedicated fiber network** for our systems (CCTV, access control, intercoms)?

A: The contractor must install a dedicated fiber backbone for all security systems (CCTV, access control, intercoms).

- ➤ Please confirm the **expected network topology**, including:
 - Integration across all floors
 - Interconnectivity with **perimeter, parking, and remote areas**

A: The system must integrate across all floors, perimeter, parking, and guardhouses into a central control room.

5. CCTV System

- ➤ Please confirm the **total number of indoor and outdoor cameras** required.

A: Approximately? indoor/outdoor cameras, subject to final design.

- **PTZ Cameras:**
 - ➤ Confirm **intended mounting types** (e.g., corner, wall, or pole).

A: Wall and pole mounting are required.

- **Camera Poles:**

- ► Ten (10) poles were mentioned – please confirm **exact locations**.

A: Ten (10) poles, to be installed along the railway side and perimeter blind spots

- ► Are these poles intended to cover the **railway side**, or should we use **custom brackets** on the **perimeter wall**?

A: • Poles

- ► Should these poles be **galvanized** or **powder-coated**?

A: Poles must be galvanized for corrosion protection

- **Beams near the railway side** were mentioned (not part of original tender):

- ► Should **beams** be included, or will **camera analytics** be used for perimeter breach detection?

A: Yes, beams must be included in addition to camera analytics for redundancy.

6. Parking & Queue Management

- There are two parking bays, each with **concrete pillars** at the end:

- ► Due to **obstructions** such as cable trays and air ducts, wide-angle cameras may be ineffective.

A: Use multi-lens or corridor-mode cameras to cover obstructions.

- ► We suggest using **one camera to cover 3 bays** – awaiting confirmation from Hikvision.

A: One camera per three bays is acceptable with RAF approval

- ➤ Please confirm exact requirements for the **queue management system**:
 - What **analytics or data** is required from this camera (e.g., vehicle count, dwell time, license plate recognition)?

A: Vehicle count, dwell time, and license plate recognition (LPR) are required

- **Parking Guidance System**:
 - ➤ Please confirm if a **digital display board** is required to indicate available parking spots, or if the system will rely only on **LED indicators above bays** and **software notifications**.

A: LED indicators plus digital display boards at entrances are required for public guidance.

7. Perimeter Security

- ➤ Please confirm if a **solar-powered electric fence** is required for the **four defined zones**.

A: Yes, a solar-powered electric fence is required for the four zones.

- **Perimeter Poles**:
 - ➤ Confirm the **quantity** and **function** of each:

- CCTV camera mounting

A: CCTV cameras: 10

- Solar panel installation

A: Solar panels: 10

- Infrared beam installation

A: Infrared beams: 8

- Wireless transmission equipment

A: Wireless transmission: as required

8. General Infrastructure Requirements

- **Turnstiles:**

- ➤ Confirm if **access control integration** is required (e.g., facial recognition, card readers).

A: Yes, integration with access control is required (facial recognition and card readers).

- **Gate Motors & Boom Gates:**

- ➤ Confirm required **specifications** and whether they need to integrate with **CCTV and/or access control systems**.

A: Must integrate with access control and CCTV. ➤ Clarify how **boom gates towards the basement parking** will be managed:

- Will **facial recognition** or **ANPR (Automatic Number Plate Recognition)** be used?

A: ANPR required at entry

- Will the **exit boom** require a **ground loop** for automatic opening?

A: Exit booms must have ground loops for automatic opening.

- **Speakers:**

- ➤ Specify if **surface-mount** or **ceiling-mount** units are preferred for announcements or alerts.

A: Ceiling-mount preferred for indoor, surface-mount for outdoor.

- **Power Supplies:**

- ➤ The current power specification appears insufficient.
 - We offer **one dedicated power supply per door and controller**. Can this be included?

A: Yes, one dedicated PSU per door and controller is required.

- **Solar System:**

- ➤ Clarify the **purpose of the solar system**:
 - Is it for **full-time operation**, **backup power**, or to **support specific systems** like perimeter cameras or access control?

A: intended as backup for perimeter security systems (cameras, beams, access control).

9. If we submitting as a JV, are we required to submit a joint BBBEE Certificate or can we submit individual BBBEE/Sworn Affidavit

A: •A consolidated BBBEE certificate for the JV is preferred, but individual affidavits will be accepted if accompanied by a formal JV agreement.

10. Is it requirement that all parties on the JV Should have the following: Including all Mandatory requirements (Phase 2) as indicated on page 76-79

- a. PSIRA – Company
- b. PSIRA- Director

- c. PSIRA Letter of Good Standing
- d. COIDA

A: • Yes, all JV partners must comply with Phase 2 mandatory requirements (PSIRA Company, PSIRA Director, Letter of Good Standing, COIDA).

11: If we have Public Liability for R10 Million, will it be acceptable?

A: • R15 million cover is acceptable.

12. *System Control Activating this icon shall cause the system to switch to the system control screen. The System Control screen shall provide a complete system diagnostic window for all sub-system components and communication systems within the entire site. The diagnostic information shall include but not be limited to the following: • UPS System (Per Zone): • Load on Bypass • Load not protected • Mains Failure • Battery Fault • Battery Low • Surge Arrestor Failure*

Question:

In scope are we supposed to monitor the above elements that are completely electrical, is this in scope? This requires a different system to do this for electrical equipment not a security system.

A: • Out of scope. Electrical UPS, surge, and bypass monitoring fall under Facilities Management, not the security system.

13. *A full SDWAN deployment which entails that the routers on site (RAF Office) together with the newly deployed 24 Port 1gig SFP switches will receive and transmit data via VPN routes to the DC (Data Centre)*

Question: Is this SDWAN already in existence and are we supposed to integrate the new SMS and devices onto it?

A. Yes, SDWAN is already deployed at RAF. All new SMS and devices must integrate into the existing SDWAN through RAF ICT governance. (check the spec and check with Tumelo Ndlazi from IT)