

## **REQUEST FOR INFORMATION**

**RFI NUMBER: RFI21/2025-2026**

### **REQUEST FOR INFORMATION FOR FIRE SUPPRESSION SYSTEM, AIR CONDITIONING AND UPS INSTALLATION.**

This RFI calls for suitably qualified suppliers to provide information to Competition Commission of South Africa (CCSA) regarding a Request for Information for Fire suppression system, air conditioning and UPS installation.

**Issue date: 25 AUGUST 2025**

**Closing Date: 01 SEPTEMBER 2025 11:00AM**

**For enquiries contact CCSA Supply Chain Management E-mail: [tenders@compcom.co.za](mailto:tenders@compcom.co.za)**

This RFI is an invitation for person(s) to submit information(s) for the provision of the services as set out in the Specification contained herein. Accordingly, this RFI must not be construed, interpreted, or relied upon, whether expressly or implicitly, as an offer capable of acceptance by any person(s), or as creating any form of contractual, promissory or other rights. No binding contract or other understanding for the supply of services will exist between CCSA and any Respondents unless and until CCSA has executed a formal written contract with the selected supplier.

## REQUEST FOR INFORMATION (RFI)

**RFI NUMBER: RFI21/2025-2026**

**RFI TITLE: REQUEST FOR INFORMATION FOR FIRE SUPPRESSION SYSTEM, AIR CONDITIONING AND UPS INSTALLATION.**

### EXPECTED TIMEFRAMES

RFI PROCESS	EXPECTED DATES
RFI Advertisement Date	<b>25 AUGUST 2025</b>
RFI Available from	<b>25 AUGUST 2025</b>
Compulsory Briefing Session Date & Time	<b>N/A</b>
<b>RFI Closing Date and Time</b>	<b>01 SEPTEMBER 2025 AT 11:00AM</b>
Delivery Venue: <b>Electronics Submission</b>	<a href="mailto:tenders@compcom.co.za">tenders@compcom.co.za</a>
Contact details	<a href="mailto:tenders@compcom.co.za">tenders@compcom.co.za</a>

CCSA retains the right to change the timeframe whenever necessary and for whatever reason it deems fit. Respondents interested in participating must register their interest by providing company name, contact person, telephone, cell number and email address to CCSA, please indicate RFI number on the subject line. This will ensure that any addenda and clarification to this RFI are communicated to all participants.

## **1. MANDATORY DOCUMENTS**

- 1.1 Proof of registration on CSD report (Central Supplier Database)
- 1.2 Company Profile
- 1.3 Client List where the services were provided

## **2. DEFINITIONS**

- 2.1 **"RFI"** - a request for information, which is a written official enquiry document encompassing all the terms and conditions of the information in a prescribed or stipulated form.
- 2.2 **"RFI response"** - a written response in a prescribed form in response to an RFI.
- 2.3 **"Respondent"** – any person (natural or juristic) who forwards an acceptable RFI in response to this RFI with the intention of being the main contractor should the RFI be awarded through a competitive bid process.

## **3. CONFIDENTIALITY**

- 3.1 All information related to this request for information both during and after completion is to be treated with strict confidence.
- 3.2 Should the need however arise to divulge any information gleaned from the service which is either directly or indirectly related to the CCSA, written approval to divulge such information will have to be obtained from CCSA.
- 3.3 The Respondents must ensure that confidential information is: maintained confidential; not disclosed to or used by any unauthorised person; so as to prevent any disclosure or unauthorised use with at least the standard of care that Respondents maintain to protect their own confidential information; only used for the purpose of considering and responding to this RFI; and not reproduced in any form except as required for the purpose of considering and responding to this RFI.
- 3.4 Respondents must ensure that access to confidential information is only given to those of its partners, officers, employees and advisers who require access for the purpose of considering and responding to this RFI; and those partners, officers, employee and advisers are informed of the confidential information section and keep that information confidential.
- 3.5 This bid remains at all times the property of the Competition Commission of South Africa (CCSA).
- 3.6 No rights other than as provided in this bid and in respect of the confidential information are granted or conveyed to bidder/s

Name of Respondent: \_\_\_\_\_

Physical Address: \_\_\_\_\_

Respondent's contact person:

Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Mobile: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail address: \_\_\_\_\_

#### 4. THE MANNER OF SUBMISSION OF THE RFI

- 4.1 Respondent shall submit RFI response in accordance with the prescribed manner.
- 4.2 Respondent shall submit one **emailed submission** including relevant supporting documents.
- 4.3 The original copy must be signed by an authorised employee, agent or representative of the respondent.
- 4.4 The subject line on the email submission must be clearly marked with the responding organisation's name and RFI number and description of RFI.
- 4.5 Respondent must clearly outline costing implications of the solution required, as well as any economic factors (i.e. exchange rate implication) that may pose a risk impact against said costing.

#### 5. BACKGROUND

- 5.1 The Competition Commission (Commission) is a statutory body constituted in terms of the Competition Act, No. 89 of 1998 (the Act).
- 5.2 It is one of three, independent competition regulatory authorities established in terms of the Act, with the other two being the Competition Tribunal and the Competition Appeal Court.
- 5.3 The Commission is empowered by the Competition Act to investigate, control and evaluate restrictive business practices, abuse of dominant positions, mergers, undertake market inquiries and advocacy in order to achieve equity and efficiency in the South African economy.
- 5.4 CCSA is a public entity listed in schedule 3A of the Public Finance Management Act (PFMA), and acts in compliance with section 217 of the Constitution of South Africa and applicable Public Procurement Regulations and Prescripts.

#### 6. SITUATION ANALYSIS

- 6.1 The Commission is requiring a suitability qualified service providers to assist with the request for information for Fire Suppression System, air conditioning and UPS installation.

## 7. SCOPE OF WORK

### 7.1 Technical Specifications for Re-gassing Clean Agent Fire Suppression Systems

- **System Type and Quantity:** Verify the systems are indeed two units of a clean agent type (e.g., FM200, Novec 1230).
- **Cause of Discharge:** Determine why the systems discharged. If the cause was an actual fire, the area must be cleared and secured. If it was a false alarm, the detection system needs to be checked and calibrated.
- **Cylinder and Valve Condition:** Inspect the cylinders, valves, and actuators for any visible damage. Ensure all pressure gauges are functional.
- **Pipework Integrity:** Check all pipes, fittings, and nozzles for damage or blockages.
- **Room Integrity:** A room integrity test (door fan test) must be performed to ensure the room can maintain the required agent concentration for the specified hold time (typically 10 minutes).
- **Work Required:**
  - Discharge test and inspection of cylinders.
  - Re-gassing of suppression system to full operating capacity.
  - Replacement of seals, hoses, and pressure gauges (if required).
  - Functional testing of detection and release system.
  - Certification of compliance (SANS 369, NFPA 2001 standards).

### 7.2 Agent Recovery and Cylinder Servicing

- **Safe Agent Recovery:** If the cylinders are not empty, the remaining agent must be safely recovered using a specialized clean agent recovery machine. The recovered agent is then either re-purified or disposed of according to environmental regulations.
- **Cylinder Inspection and Hydrostatic Testing:** The cylinders must be visually inspected and hydrostatically tested if they are due for it (typically every 5 years). The test ensures the cylinder can withstand the required pressure.
- **Valve and Actuator Maintenance:** The cylinder valve and actuator must be disassembled, cleaned, lubricated, and rebuilt with new seals (O-rings, gaskets) as per the manufacturer's guidelines.
- **Re-weighing:** The empty cylinder's tare weight must be verified. This is crucial for accurate re-filling.

### 7.3 Re-filling and System Re-commissioning

- **Accurate Re-filling:** The empty cylinders must be filled with the correct amount of agent (either FM200 or Novec 1230) to achieve the design concentration for each server room. The fill weight is determined by the room's volume and the agent's specific density. The technician will use a precision scale to ensure the correct weight is met.
- **Nitrogen Super-pressurization:** After re-filling, the cylinders must be super-pressurized with dry nitrogen to the manufacturer's specified pressure (typically 25 bar or 360 psi). This pressure is essential for expelling the agent quickly and efficiently.

- **System Re-installation:** The re-filled and re-pressurized cylinders are re-installed into the system's manifold. All fittings and connections must be secured and torqued to the manufacturer's specifications.
- **Functionality Testing:** The entire system must be re-commissioned and tested. This includes:
  - **Control Panel Check:** Verify the control panel is functioning correctly and shows no faults.
  - **Detection System Test:** A full functionality test of all smoke detectors and manual release stations is performed.
  - **Manual and Automatic Release Simulation:** Simulate a manual and automatic release (without discharging the agent) to confirm the pre-release alarms, timers, and abort buttons are working as intended.
  - **Agent Concentration Verification:** While not always required, some specifications may call for a post-re-gas integrity test to confirm the room's hold time.
- **Documentation:** A comprehensive report must be provided, including the system's new fill weight, pressure readings, and a certificate of re-commissioning.

#### 7.4 Air Conditioning Installation (x2)

- **Quantity:** 2 precision cooling air conditioners (server room grade).
- **Capacity:** Minimum **24,000 BTU (7kW)** each, inverter type.
- **Features Required:**
  - Redundancy (N+1 cooling strategy).
  - Energy-efficient operation (inverter technology).
  - Environmental monitoring integration (temperature and humidity sensors).
  - Surge and lightning protection.
- **Work Required:**
  - Supply, installation, and commissioning of 2 units.
  - Proper piping, insulation, drainage, and cabling.
  - Integration into monitoring system.

#### 7.5 UPS System Installation

- **Load Requirement:**
  - **18 x Aruba 6100 48G CL4 PoE Switches** (approx. 1500W each under full load).
  - **Estimated Total Load:** ~27kW (with 20% overhead).
- **System Type:** Online Double Conversion UPS.
- **Capacity:** **30kVA UPS system** with N+1 redundancy.
- **Battery Backup:** Minimum **60 minutes runtime at full load**.

- **Features Required:**
  - Rack-mounted UPS with intelligent battery monitoring.
  - SNMP/Network monitoring module.
  - Scalable battery banks for future expansion.
- **Work Required:**
  - Supply, installation, and commissioning of UPS system.
  - Electrical wiring and distribution to server racks.
  - Integration with building management system (BMS).
  - Certification and compliance with SANS standards.

## 8. ESTIMATE COSTING

Product Offering	Estimate Cost
Fire Suppression System	
Air-Conditioning	
UPS installation system	
VAT	
Total Cost	

## 9. GENERAL INFORMATION

Enquiries in respect of this RFI should be addressed to:

**SUPPLY CHAIN MANAGMENET**

E-mail: [tenders@compcom.co.za](mailto:tenders@compcom.co.za)

**All queries MUST be e-mailed**

**END OF THE REQUEST FOR INFORMATION DOCUMENT**