



Fire and Rescue NSW invites this tender

PART A – OVERVIEW

RFT NUMBER: FRNSW000133

**Supply and Delivery of
Remote Monitoring Gas Detection Systems
for
Fire and Rescue NSW**

Contract Term: Three (3) Years
plus one (1) extension option of twenty-four (24) months

RFT Issue Date: **30 November 2021**
Closing Date: **14 December 2021**
Closing Time: **5:00pm, Sydney Time**

RFT Contact Officer

Tenderers should refer requests for information or advice regarding this RFT in writing via email to:

Darren Horton
Procurement Officer
Fire and Rescue NSW
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For the purposes of this RFT, inquiries should be directed to the Contact Officer specified in the General Conditions of Participation (RFT FRNSW000133 - Part B Conditions of Tender).

Other matters should be directed to:

Director
Strategic Procurement and Contract Services
Finance Directorate
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PART A Overview

1 Background

- 1.1 FRNSW is an executive agency under the [Government Sector Employment Act 2013 \(NSW\)](#).
- 1.2 The purpose of FRNSW is to enhance community safety, quality of life and confidence by minimising the impact of hazards and emergency incidents on the people, environment and economy of New South Wales, and also support other emergency response agencies that have a similar purpose.
- 1.3 FRNSW is the fourth largest urban fire department in the world and the largest in the southern hemisphere. FRNSW is responsible for responding to and managing fire, rescue and hazardous material emergencies for over 90% of the state's population in major cities, metropolitan and urban areas and towns across rural and regional NSW, with over 190,000 calls annually.
- 1.4 FRNSW provides this broad range of emergency management services through its network of 335 fire stations state-wide across 21 zones, employing over 6,800 operational personnel and 705 firefighting appliances and a total of 996 specialist firefighting and response vehicles.
- 1.5 FRNSW provides hazardous materials (HAZMAT) response capabilities at each of its 335 fire stations across the State with seven stations designated as specialised Hazardous Material stations.
- 1.6 During the 2019-20 financial year FRNSW responded to 16,405 HAZMAT incidents involving extremely hazardous and volatile environments in response to residential and business gas leaks, chemical, biological, radiological, and other emergencies involving hazardous materials and gases.
- 1.7 Over the next five years, FRNSW seeks to expand its capabilities for gas detection whilst increasing the safety of its HAZMAT operations officers and the performance of their operational capabilities.
- 1.8 FRNSW seeks proposals for the supply, delivery and ongoing support of gas detectors that will allow operators to monitor a range of hazardous atmospheres while providing data remotely and autonomously at ranges greater than 200 metres in a variety of natural and built environments.
- 1.9 FRNSW will assemble a gas detection system comprising of four (4) gas detector units and a single laptop computer installed with relevant software and requires a means of transferring the data (other than the internet) from each of the gas detector units to the laptop computer.
- 1.10 FRNSW expects that it will procure forty (40) gas detector units and ten (10) laptops installed with relevant software initially and may procure occasional single units of gas detectors and/or laptop computers and relevant software throughout the term of the Deed. These quantities, while accurate, are to be used as a guide only.
- 1.11 FRNSW expects that it will require services and repairs of the gas detector units and laptops procured initially and through any other procurements throughout the term of the Deed.
- 1.12 FRNSW seeks pricing for a single gas detector and laptop computer including relevant software and a means of transferring data (other than the internet) from the gas detector to the laptop.
- 1.13 FRNSW also seeks volume pricing for quantities greater than single units of both products.
- 1.14 FRNSW seeks four gas detector units and one laptop computer installed with relevant software for each proposed product to be provided, when requested and within two (2) weeks of the request, as Test Samples and will require a face-to-face demonstration by the responding Suppliers to FRNSW prior to FRNSW undertaking its testing and assessment for evaluation purposes.
- 1.15 FRNSW also seeks pricing schedules for hourly rates for services and repairs and estimated costs for servicing over a ten (10) year service life expectancy of the gas detector units and laptops.
- 1.16 FRNSW also seeks pricing schedules for spare parts, accessories and/or consumables.
- 1.17 Suppliers may submit proposals for one or multiple models of gas detection units and/or laptops, with relevant quantities (i.e. four and one) of Test Samples to be provided for each model proposed.
- 1.18 FRNSW reserves the right, in its sole discretion, to appoint one supplier to a standing offer contract to supply Remote Monitoring Gas Detectors, Laptop Computers and software with a

specific award for the supplier to supply quantities of each to meet initial requirements in the first twelve (12) months of the contract. Therefore, respondents must provide Free Into Store pricing for:-

- 1.18.1 * One (1) unit of a single Remote Monitoring Gas Detection Unit
- 1.18.2 * One (1) unit of a single laptop computer
- 1.18.3 * Two (2) to Ten (10) units of a single Remote Monitoring Gas Detection Unit
- 1.18.4 * Two (2) to Ten (10) units of a single laptop computer
- 1.18.5 * Eleven (11) to Twenty (20) units of a single Remote Monitoring Gas Detection Unit
- 1.18.6 * Eleven (11) to Twenty (20) units of a single laptop computer
- 1.18.7 * Twenty-one (21) to Fifty (50) units of a single Remote Monitoring Gas Detection Unit
- 1.18.8 * Twenty-one (21) to Fifty (50) units of a single laptop computer
- 1.19 Throughout the remaining term and the optional extension period, if executed, the successful Supplier may seek Price Variations every twelve months based on price variation mechanisms nominated in their tender response, with only those variation mechanisms acceptable by FRNSW.
- 1.20 The Principal may add new suppliers to this contract at its own discretion but is under no obligation to do so. Therefore, suppliers interested in providing Remote Monitoring Gas Detection Systems to FRNSW should not refrain from submitting responses as a later intake may not occur.
- 1.21 FRNSW is responsible for this tender process through its Equipment Logistics Hazmat Directorate and the Finance Directorate.

2 Objectives

- 2.1 The objective of RFT FRNSW000133 is to secure a dependable manufacturer or supplier capable of constructing and/or supplying and delivering Remote Monitoring Gas Detectors and Laptop Computers to FRNSW Specifications within Agreed timeframes, enhancing hazardous materials operational capabilities and enabling FRNSW to protect its officers and the growing population of the State of NSW over the next decade.
- 2.2 The successful Supplier/s will have demonstrated their capacity and capability to provide a solution for the supply of the Deliverables that:
 - a. guarantees security of supply over the full term of the Deed
 - b. meets FRNSW requirements for delivery and Agreed Dates or lead times
 - c. meets the requirements of the Specifications, and Statement of Requirements
 - d. includes quality assurance and quality management systems
 - e. effectively manages and mitigates risks including safety and supply chain risks
 - f. is administered efficiently and provides effective business continuity
 - g. reduces the total cost of the Deliverables
 - h. meets all contract management and progress reporting requirements
 - i. meets all Key Performance Indicator service levels for performance monitoring
 - j. complies with all applicable laws, standards, codes, and policies; and
 - k. establishes a sustainable partnership between FRNSW and the successful Supplier selected to form the Deed.

3 Scope of Requirement

3.1 DELIVERABLES

- 3.1.1 Deliverables will consist of the capabilities to supply Remote Monitoring Gas Detectors and Laptop Computers that are fully compliant with all relevant FRNSW requirements.
- 3.1.2 It is an ongoing expectation that the successful Supplier/s will provide all Deliverables as ordered, ready for operational use, and fully compliant with the relevant Specifications, and by an Agreed Date established at the time of the order through an official Purchase Order.
- 3.1.3 Deliverables also includes software, essential spare parts, accessories, and consumables for each of the Remote Monitoring Gas Detectors and Laptop Computers selected and accepted as Deliverables for FRNSW as per Statement of Requirements (Part F).
- 3.1.4 Deliverables includes all relevant Operational Training, manuals, and training materials in electronic and printed forms as per Statement of Requirements (Part F).
- 3.1.5 Deliverables includes Technical Support as per Statement of Requirements (Part F).
- 3.1.6 Deliverables includes Service as per Statement of Requirements (Part F).
- 3.1.7 Deliverables includes Progress Reporting as per Statement of Requirements (Part F).
- 3.1.8 A detailed description of the Deliverables is contained in the Specification (Part E) and the Statement of Requirements (Part F) of this RFT.

3.2 TERM OF DEED

- 3.2.1 The term of the proposed Deed with the Supplier successfully selected as the sole Contractor from RFT FRNSW000133 will be for Three (3) Years which may be extended for one (1) optional period of twenty-four (24) months, at the discretion of the Principal.
- 3.2.2 The expected maximum length of any standing offer contract offered at this time, including the optional extension, is thus Five (5) years.

4 RFT Interpretation and Structure

4.1 INTERPRETATION

- 4.1.1 Definitions of terms used in Parts A, B, C, E and F are contained in clause 1 of Part B.

4.2 RFT STRUCTURE

- 4.2.2 This RFT comprises eight (8) Parts as follows:

Part A Overview - Summary Information for Tenderers

Part B Conditions of Tender

Part C1 Tender Response (to be completed in entirety by the tenderer)

Part C2 Pricing Components (to be completed in entirety by the tenderer)

Part C3 User Defined Requirements (to be completed in entirety by the tenderer)

Part D Deed of Agreement – proposed deed of standing offer to be executed between the successful tenderer and FRNSW

Part E Technical Specifications for Remote Monitoring Gas Detection Systems

Part F Statement of Requirements

If submitting a tender, retain Parts A, B, D, E, and F for your own records.

Part C1, Part C2, and Part C3, once completed in entirety, form the Tender Response to be submitted in accordance with Parts A, B, E, and F.