



Fire and Rescue NSW invites this tender

PART A – OVERVIEW

RFT NUMBER: FRNSW000138

**Supply and Delivery of
Vehicle Power Supply
Battery Chargers, Batteries and Battery Isolation Devices
for
Fire and Rescue NSW**

Contract Term: Three (3) Years
plus two (2) extension options of twelve (12) months

RFT Issue Date: **20 December 2021**
Closing Date: **21 January 2022**
Closing Time: **2:00pm, 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 FRNSW000138 - Part B Conditions of Tender).

Other matters should be directed to:

Director
Strategic Procurement and Contract Services
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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 provides this broad range of emergency management services through its network of 334 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.
- 1.4 Most firefighting appliances and specialist firefighting and response vehicles are equipped with a broad range of telecommunications and satellite navigation equipment including GRN radios, tablets and laptops, GPS, automated vehicle location devices, and other electronic devices used to communicate and disseminate relative information in real-time in any location.
- 1.5 Over the next five years, FRNSW plans to employ suitable DC-to-DC battery chargers and stand-alone Lithium Iron Phosphate (LiFePO₄) batteries (with, built-in or separate, an integrated battery isolation device) to power "Vehicle as a Node" telecommunications electronic devices, with power to the charger to be sourced from the vehicle's alternator and/or from using solar power to charge the batteries, into most firefighting appliances and specialist firefighting and response vehicles.
- 1.6 Initially, approximately 730 DC-to-DC battery chargers and approximately 730 LiFePO₄ batteries will be sourced for installation into firefighting appliances and specialist firefighting and response vehicles, with ongoing demand of up to around 20 chargers and/or batteries per annum over the next five years. These quantities, while accurate, are to be used as a guide only.
- 1.7 FRNSW seeks proposals for the supply, delivery and ongoing warranty support of suitable DC-to-DC Battery Chargers and/or LiFePO₄ Batteries (with built in or separate, integrated isolation devices) (Vehicle Power Supply) with a minimum service life expectancy of seven (7) years as part of a project for a complete fleet rollout of improved power supply to onboard telecommunications equipment which is to be completed by 31 May 2022.
- 1.8 Suppliers may choose to submit proposals for DC-to-DC battery chargers only, for LiFePO₄ batteries (with isolation devices) only, or for both DC-to-DC battery chargers and LiFePO₄ batteries.
- 1.9 Suppliers will be required to demonstrate a capability and commitment to deliver the required numbers of units within the required timeframes.
- 1.10 Respondents will be required to deliver for consideration a proposed delivery schedule that will also be used to track progress.
- 1.11 FRNSW reserves the right, in its sole discretion, to appoint one or more suppliers to a standing offer panel contract to supply DC-to-DC battery chargers and/or LiFePO₄ batteries (Vehicle Power Supply) with a specific award for a supplier or suppliers to deliver battery chargers and batteries to meet initial requirements by 31 May 2022. Therefore, respondents must provide F.I.S. pricing for:-
 - 1.11.1 Approximately seven hundred and thirty (730) units of battery chargers to be delivered by 31 May 2022, with the first one hundred (100) units of battery chargers to be delivered in the first (1) month with the remainder to be supplied in equal quantities over the following five (5) months.
 - 1.11.2 Approximately seven hundred and thirty (730) units of batteries to be delivered by 31 May 2022, with the first one hundred (100) units of batteries to be delivered in the first (1) month with the remainder to be supplied during the following five (5) months.
 - 1.11.3 During the remainder of the five (5) year contract, ad-hoc orders for varying quantities may be placed for Battery Chargers and/or Batteries for new vehicle installations, and pricing is to be provided for a single unit price of a battery charger and/or battery to be delivered within the stated lead time provided in the Part C1 Tender Response.
- 1.12 Throughout the remaining term and the optional extension periods, if executed, Suppliers may seek Price Variations every twelve (12) months based on agreed price variation mechanisms.

- 1.13 The Principal may add new suppliers to the panel contract at its own discretion but is under no obligation to do so. Therefore, suppliers interested in providing suitable Battery Chargers and/or Batteries (Vehicle Power Supply) to FRNSW should not refrain from submitting tender responses in the expectation a later intake of suppliers will be granted, as this may not occur.
- 1.14 FRNSW is responsible for this tender process through its IT and Fleet Directorates.

2 Objectives

- 2.1 The objective of RFT FRNSW000138 is to secure a panel of dependable battery charger and/or battery manufacturers or suppliers capable of constructing and delivering DC-to-DC Battery Chargers and/or LiFePO4 Batteries (Vehicle Power Supply) to FRNSW Specifications within agreed timeframes, enhancing FRNSW's operational telecommunications capabilities and enabling FRNSW to better protect 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 five-year 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. effectively manages and mitigates risks including safety and supply chain risks;
 - e. meets all contract management and progress reporting requirements;
 - f. meets organisational capacity and requirements;
 - g. meets all Key Performance Indicator service levels for performance monitoring;
 - h. complies with all applicable laws, standards, codes and policies; and
 - i. establishes a sustainable partnership between FRNSW and the successful Supplier, or each Supplier selected to form the Panel of Suppliers.

3 Scope of Requirement

3.1 DELIVERABLES

- 3.1.1 Deliverables will consist of DC-to-DC Battery Chargers and/or LiFePO4 Batteries with built in or separate, integrated power isolation devices for Vehicle Power Supply that are fully compliant with all relevant FRNSW requirements.
- 3.1.2 It is an ongoing expectation that each successful Supplier will provide to a FRNSW central location the deliverables ordered fully compliant with the relevant Specifications, and by an Agreed Date established at the time of the requirement being advised through an official Purchase Order.
- 3.1.3 Deliverables includes Technical Support and Progress Reporting as per Statement of Requirements (Part F).
- 3.1.4 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 any Supplier successfully selected as a Panel Contractor from the RFT FRNSW000138 will be for Three (3) Years which may be extended for two (2) optional periods of twelve (12) months, at the discretion of the Principal.
- 3.2.2 The expected maximum length of any standing offer panel contract offered at this time, including the optional extension, is thus five (5) years.

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

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.