

Tender for Preferred Supplier of Mobile Radio Telephone (RT) and Accessories



MR 45/2025

Preferred Supplier of Mobile Radio Telephone (RT) and Accessories

PUBLICITY

NO PUBLICITY OR DETAILS ABOUT THIS PROJECT ARE TO BE DISCLOSED BY ANY BIDDER OR ANY OTHER ASSOCIATED PARTY WITHOUT THE WRITTEN PERMISSION OF EFL PRIOR TO, DURING OR AFTER THE PROJECT IS AWARDED. IN GENERAL ANY PUBLICITY OR MEDIA ENQUERIES WILL BE DEALT WITH BY EFL.

ALL THOSE WHO REQUEST TO UPLIFT A COPY OF THIS TENDER HAVE AGREED NOT TO DISCLOSURE ANY INFORMATION REGARDING THIS TENDER.

Glossary

- i. kVA – kilo-volt-ampere
- ii. EFL – Energy Fiji Limited
- iii. CBM – stands for "cubic meter" in shipping. This measurement is calculated by multiplying the width, height and length together of one's carton.
- iv. DIFOTIS - Delivery in Full on Time in Spec
- v. VAT – Value Added Tax
- vi. VIP – VAT Inclusive Price
- vii. SBA – Strategic Business Area

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1. GENERAL

1.1. The Company - EFL

Energy Fiji Limited, previously the Fiji Electricity Authority, was established, incorporated and constituted under the provisions of the Electricity Act of 1966 and began operating from 1 August of that year. The powers, functions and duties of EFL under the Electricity Act are for the basic purpose of providing and maintaining an efficient and cost-effective power supply to the Fijian people in a safe and secure manner that meets high benchmarks in quality. EFL is entrusted with enforcing the Electricity Act and regulations, setting standards, examining and registering electricians, and is empowered to approve and license suppliers to serve certain areas. EFL is also governed by the requirements under the Public Enterprise Act. Fiji Electricity Authority (FEA) was corporatized into Energy Fiji Limited (EFL) on 16 April 2018, a public company limited by shares, and was registered under the Companies Act pursuant to regulations that were gazetted.

The operations of the company are organized into three geographically defined divisions, which correspond to the national administrative divisions. These divisions are:

- Central Eastern Division based in the capital Suva
 - Suva, Lami, Navua, Tailevu, Levuka and part of the Coral Coast
- Western/Northern Division based in Lautoka
 - Lautoka, Tavua, Ba, Sigatoka, Vatukoula,
- Northern Division
 - Labasa, Savusavu, Taveuni

EFL provides electricity services to most parts of the country especially in the Viti Levu, Vanua Levu, Taveuni and Ovalau.

2. PURPOSE AND DESCRIPTION OF THE TENDER

The Energy Fiji Limited (EFL) is requesting for bids from reputable Companies to be its preferred Supplier of Mobile Radio Telephone (RT) and Accessories for a **duration of 3 years**. This mobile radio will be installed in EFL vehicles, substations and power stations for operational use. EFL uses a TAIT radio system (links and repeaters) to provide RT communication within its operational workforce.

3. ELIGIBILITY / SELECTION CRITERIA OF THE BIDDER

The supplier should be a manufacturer, authorized distributor or authorized reseller of the products.

The vendors shall submit the names/contacts of utilities or projects where they have previously supplied similar products.

All relevant test reports, product standard certificates, and product specification as a table form / drawings are required to be supplied in the tender as part of their bid.

Other information to be provided by the Bidder as part of the proposal is:

1. Manufacturer's / Vendor's warranty on the product.
2. Method of replacement or reimbursement of faulty / defective or damaged goods
3. Lead time including manufacturing time and shipping duration.
4. The bidder must provide the weight or CBM of the products
5. Previous EFL experience with the Bidder and supplier DIFOTIS (Delivery in Full on Time in Spec)
6. It is mandatory for the Bidders to provide full specification of the all Equipment prescribed in this bid.
7. The bidder should provide a 'Quality Assurance Certificate' (QAC) from the manufacturer stating that this equipment supplied is in conformity with the specification's requirements in the Tender.
8. Compatibility with existing EFL Repeaters.

4. DELIVERY

All required equipment & accessories shall be delivered to **ICT Workshop, Kinoya, Fiji.**

5. BIDDER DETAILS

The Bidder shall provide all the necessary information specified in the tables below:

General
The registered name of the Bidder:
Business address for correspondence: <i>(Location, Street , Locality City, Pin Code, Country, Telephone, Facsimile, Email Other)</i>
Contact name of the Authorised Person:

Contact's position:

Contact addresses if different from above

Locality City, Pin Code

Location, Street, Country, Telephone, Facsimile, Email, Web address

Business structure:

Include the organisations years of experience in this field and reputation in the market place.

6. OTHER VALUE ADDED SERVICES

The bidder is open to include any other information that may add value to their product or after installation and commissioning services.

7. TECHNICAL SUPPORT

- i. Bidder should provide details of what technical support is available to EFL to make better use of product.
- ii. Include relevant manuals and instructions for proper care and handling of the equipment and accessories, and operations.

8. PRODUCT INFORMATION

Bidders must include the following document together with their Bid:

- Full Product Specification
- Relevant Test Certificates
- Standard Compliance Certificate.

9. PACKAGE SIZE

The successful bidder will be required to pack and dispatch the item as per EFL's requirement. The package size and quantity will be determined by EFL unless the product is a standard factory package. All packages must be clearly marked with the quantity content in the crate or pallet. The bidder must ensure proper and suitable packing of the item before dispatch to avoid damages during transit.

10. DEFECTS WARRANTY PERIOD

All goods shall be supplied with a Warranty Period of **not less than 12 months** from the date of the receipt of the Goods by EFL. During the Warranty Period, defective parts shall be returned to the supplier for replacement on a pick-up exchange and return-delivery basis.

11. PRICE VALIDITY

The price submitted shall remain valid for acceptance within 120 days from the date of opening of bids and bidders shall not withdraw or amend their proposal prior to the expiration of the validity period. Price Validity of more than 120 working days is highly accepted.

In exceptional circumstances prior to expiry of the original validity period, the Authority may request the supplier for an extension in the period of validity. The request and the response thereto shall be in writing. A supplier agreeing to the request will not be permitted to amend his tender price.

EFL will enter into contractual agreement with the successful bidder who is willing to maintain the price for more than 1 year and become a preferred supplier of TAIT Mobile Radio Telephone (RT) and Accessories.

EFL expects to purchase over 50 x Mobile RT radio and Accessories (**whip antenna, mounting bracket**) over a period of 1 year and this could increase depending on operational need.

12. PAYMENT TERMS

EFL shall pay the invoice amount in foreign currency to the overseas bank account nominated by the successful supplier within 30 days of receipt of the invoice subject to payment terms as per the contractual agreement. The local bidders will be paid in Fijian dollars.

13. TECHNICAL SPECIFICATION AND REQUIREMENT

Below are the technical specification of the mobile radio that we intend to purchase. The radio that is currently being used by EFL is the **TAIT model TM8200 series manufactured by TAIT**. Specification of this radio is tabulated below.

<u>Receiver Specification</u>	
Adjacent Channel Selectivity	>60dB
Audio Distortion at Rated Audio	±10%
Audio Bandwidth	300 – 3000Hz
Blocking	>84dB
Co-channel Rejection	>-12dB
FM Hum and Noise	>34dB
Frequency Stability	±1.5ppm
Intermodulation Rejection	>65dB

Rated Audio	>1W into >10Ω Load
RSSI	-115 to -50dB
Sensitivity	<-117dB
Signal Displacement Bandwidth	>40%
Spurious Response Rejection	>70dB
<u>Transmitter Specification</u>	
Audio Distortion at 1kHz with 60% Modulation	<3%
Conducted Emission	<-36dB
FH Hum and Noise	>34dB
Modulation	Analog FM
Modulation Frequency Response	300 – 3000Hz
Modulation Limiting	±2.5kHz
RF Power Output	25W
Transmit Rise Time	<20ms
Transmit Timer	1 – 250 seconds
Duty Cycle	>30%
<u>General Specification</u>	
User Interface	Displays, Connectors, Function Keys, Keypads, LED Status Indicators, Push-To-Talk Button (PTT), Hook-switch and Hanger Plate, Speaker, Microphone, ON/OFF Switch, etc
Connection to the Radio Body	RF - 50Ω BNC Connector; Power – 10 to 16V DC (negative ground); Auxliary – 15-way D-range; Internal Option – 18pin Micro-MaTch Connector; Speaker - internal.
Brackets for Installation of Radio	Provision of brackets for installation inside vehicles.
Remote Control Head Installation	Display – 3 x 7 segment; Connectors – 1 x 8-way RJ45; Function keys; Keypads; LED Status Indicators; PTT; Hookswitch; Hanger Plate; Microphone, Volume; etc.

<u>Environmental</u>	
Operation Temperature Range (°C)	0° - +60°C
Dust and Immersion	IP54 Rated
Durability	Military Standard
<u>Frequency and Channels</u>	
Frequency Increment	2.5kHz
Channel Spacing	12.5kHz
Frequency Range	136 – 174MHz
Frequency Stability	±1.5ppm
IF Bandwidth	7.5kHz
RF Power Output	25W

14. TENDER EVALUATION

After the bids are received, it will go through a normal tender evaluation process as per EFL's Tender Policy and Procedures. The successful and unsuccessful bidders will be advised of the outcome after completion of the Tender evaluation process.

The evaluation of the tender submissions will be weighted as such:

No.	Components	Weighting (%)
1	Financial Components	25 %
2	Technical capability	40 %
3	Delivery timeframe. Refer to section 4.	15 %
4	Proven background on Mobile radio Products	10 %
5	Backup service and spare parts. Refer to section 6.	10%

General Requirement

#	<u>General Requirement</u>	Please Tick (<input type="checkbox"/>)	Describe in detail
a).	Specification of Mobile Radio Telephone and Accessories provided in the bid.		
b)	Warranty Details of each item included.		
c)	Date of Manufacture stated.		
c)	Willing to accept Purchase Order and provide a minimum of 30days credit account.		
d).	Be able to provide back up support and spare parts.		
e).	Delivery time frame stated.		
f).	Proven background on supplying Mobile radio products.		
g)	Validity period of the price.		
h)	Letter from Manufacturer to state that the bidder is the authorised distributor or reseller of equipment offered.		
i)	Valid FIRCA Compliance letter (local supplier)		
j)	Valid FNPF Compliance letter (local supplier)		
k)	Valid FNU Compliance letter (local supplier)		

14.1. Cost

Currency:			
<u>No.</u>	<u>Item</u>	<u>Quantity</u>	<u>Price, VIP</u>
1	Mobile Radio Telephone & Accessories including mounting bracket and whip antenna	1	\$
	Total		\$

All local bidders are to provide with the VIP price which is inclusive of freight, duty, taxes, customs clearance and delivery charges to *ICT Workshop, Kinoya*.

Overseas bidders are to provide their bid price in CIF, Suva.

Or

In case an overseas bidder intends to quote ex-works price in their bid then they are supposed to furnish the following information:

- Dimensions of packaging,
- Total weight of packaging shipment, and
- Address for the location of pick up.

14.2. Address, Link & Contacts

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**The Secretary, Tender Committee
Energy Fiji Limited
Supply Chain Office
Private Mail Bag
Suva**

<http://www.efl.com.fj/contractors-suppliers/tenders/current-tenders/>

For further information contact The Secretary Tender Committee, by e-mail JReady@efl.com.fj.

For further information or clarification please contact our Supply Chain Office on phone **(+679) 3224360** or **(+679) 9992400**.

TENDER CHECKLIST

The Bidders must ensure that the details and documentation mention below must be submitted as part of their tender Bid

Tender Number _____

Tender Name _____

1. Full Company / Business Name: _____

(Attach copy of Registration Certificate)

2. Director/Owner(s): _____

3. Postal Address: _____

4. Phone Contact: _____

5. Fax Number: _____

6. Email address: _____

7. Office Location: _____

8. TIN Number: _____

(Attach copy of the VAT/TIN Registration Certificate - Local Bidders Only (Mandatory))

9. FNPF Employer Registration Number: _____ **(For Local Bidders only) (Mandatory)**

10. **Provide a copy of Valid FNPF Compliance Certificate (Mandatory- Local Bidders only)**

11. **Provide a copy of Valid FRCS (Tax) Compliance Certificate (Mandatory Local Bidders only)**

12. **Provide a copy of Valid FNU Compliance Certificate (Mandatory Local Bidders only)**

13. Contact Person: _____

I declare that all the above information is correct.

Name: _____

Position: _____

Sign: _____

Date: _____

Tender submission

Bidders are requested to upload electronic copies via Tender Link by registering their interest at: <https://www.tenderlink.com/efl>

EFL will not accept any hard copy submission to be dropped in the tender box at EFL Head Office in Suva.

This tender closes at 4.00pm (1600hrs) on Wednesday 5th February, 2025.

For further information or clarification please contact our Supply Chain Office on phone **(+679) 3224360** or **(+679) 9992400** or email us on tenders@efl.com.fj

The bidders must ensure that their bid is inclusive of all Taxes payable under Fiji Income Tax Act. Bidders are to clearly state the percentage of VAT that is applicable to the bid prices.

The lowest bid will not necessarily be accepted as the successful bid.

The Tender Bids particularly the “Price” must be typed and not hand written.

Any request for the extension of the closing date must be addressed to EFL in writing three (3) working days prior to the tender closing date.

Tender Submission via email or fax will not be accepted.