



ENERGY FIJI LIMITED

BIDDING DOCUMENT

MR 70/2025

**SUPPLY OF PORTABLE UNDERGROUND
CABLE ROUTE LOCATOR COMPLETE WITH
ACCESSORIES**

Tender Closing Date: 1600hrs, Wednesday, 19th February, 2025

Section 1. Instructions to Bidders

- 1. Scope of Bid** The Energy Fiji Limited (hereinafter referred to as "EFL"), wishes to receive bids for Supply of two (2) Portable Underground Cable Route Locator Complete with Accessories as defined in these bidding documents (hereinafter referred to as "Cable tracer")

- 2. Eligible Bidders** This Invitation to Bid is open to bidders who have sound financial background.

Bidders shall provide such evidence of their continued eligibility satisfactory to EFL as EFL shall reasonably request.

Bidders shall not be under a declaration of ineligibility for corrupt or fraudulent.

- 3. Qualification of the Bidder** To be qualified for award of Contract, bidders shall submit all relevant documents, brochures, details and filled evaluation criteria document which shall be providing sufficient detail to confirm the bidder's capability to fulfil the contract.

- 4. Cost of Bidding** The bidder shall bear all costs associated with the preparation and submission of its bid and EFL will in no case be responsible or liable for those costs.

- 5. Deadline for Submission of Bids** Bids must be received by EFL at the address specified above no later than **1600 hours (Fiji Time) Wednesday 19th February 2025.**

EFL may, at its discretion, extend the deadline for submission of bids by issuing an addendum, in which case all rights and obligations of EFL and the bidders previously subject to the original deadline will thereafter be subject to the deadlines extended.

- 6. Late Bids** Any bid received by EFL after the deadline for submission of bids prescribed will be rejected

- 7. Modification and Withdrawal of Bids** The bidder may modify or withdraw its bid after bid submission, provided that written notice of the modification or withdrawal is received by EFL prior to the deadline for submission of bids.

- 8. Employer's Right to Accept any Bid and to Reject any or all Bids** EFL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for EFL's action.

1. General Description

This tender is to purchase a new Cable route locator for 415V, 6.6kV, 11kV and 33kV underground AC cable circuits that are present inside all EFL's zone substations. The device is to be durable and reliable designed for Electrical Utilities able to locate the path of any of the aforementioned underground cable and the cables depth.

The circuit parameters for Energy Fiji Limited (EFL) include but not limited to the following as mentioned below which the Cable tracer will be connected to are:

- Circuit system voltage ranging till but is not limited to 33kV.
- Insulation of cable being Paper-Lead (PILC), PVC or XLPE (inclusive of mixed insulation via transition joints between PILC and XLPE).
- Conductor size ranging from 35mm² to 300mm² 3 core cables (415V, 6.6kV, 11kV) or 300mm² to 630mm² single core cables (33kV).
- Typical circuit length ranging from minimum of 100meters until approximately 15000m (15km) or more.
- Frequency generated based cable identification.

The supplier is to **supply Two (2) Units complete with accessories** as per the specification below and shall include sufficient information and supporting documentation in order to determine compliance with this specification without further necessary inquiries.

2. Specifications

Note to bidders: Please submit a copy the table below with your products details (in the BIDDERS PRODUCT DETAILS column) in comparison to what is required by EFL. Failure to submit the mandatory technical specifications in the table below will automatically result in the disqualification of the tender bid.

Criteria	EFL Requirements	Bidders Product Details
Manufacturer	RYCOM Instruments or equivalent	
Model	Pathfinder PLS or equivalent	
Website Link of Product	Bidder to Specify	
Warranty	24 Months	
Service centre/Agent information and contact details	Bidder to Specify	
Delivery Period	3 Months	
Price Validity	90 Days	
Receiver Specifications		
Operating Frequency	Bidder to Specify	
Antenna Mode	Dual Horizontal antenna & Vertical antenna	
Display Indicators	battery condition, continuous mode signal strength, depth measurement, line orientation, left/right line guidance, operating mode, volume level, frequency & function indicators	
Audio Indication	Variable pitch & Live Sound.	
Current Measurement	Display must indicate relative current	

Criteria	EFL Requirements	Bidders Product Details
Power Source	Lithium Ion Rechargeable	
Battery Life	30hrs continuous	
Signal Strength	Bidder to Specify	
Gain Control	Bidder to Specify	
Dynamic Range	Bidder to Specify	
Depth Measurement	Bidder to Specify	
Operating Temperature	20° C to 40° C	
IP Rating	IP65	
Dimensions	Bidder to Specify	
Weight	Bidder to Specify	
Transmitter Specification		
Operating Frequency	Bidder to Specify	
Indicators	AC load assistance measurement, relative ohms, voltage, live voltage output, current output, power level, frequency, mode, battery indication alert, low battery indicator audio/visual with modulated low battery warning transmitted to receiver	
Load Matching	Automatic	
Output Power	Bidder to Specify	
Power Source	Rechargeable, maintenance free Lithium Ion Battery	
Battery Life	8-15hrs Continuous	
Operating Temperature	20° C to 40° C	
IP Rating	IP65	
Dimensions	Bidder to Specify	
Weight	Bidder to Specify	
Accessories		
Direct Connection Cord	Bidder to Specify	
Ground Rod	Bidder to Specify	
Battery	Bidder to Specify	
Protective Carrying Case	Bidder to Specify	
Operations Manual	Bidder to Specify	
Product Detail & Calibration Certificates	Bidder to Specify	

3. Warranty

24months warranty on the Cable tracer is to be provided. The warranty shall start from the point the item has been received by EFL and confirmed operational and defect free.

4. User Operation Manual

A user manual is to be provided for each function, usage detail and onscreen options is to be provided with the Cable tracer set. Where possible, virtual training software and media copies are to be provided to enable easier understanding of the equipment.

5. Operating Conditions

The equipment will be used at tropical (fairly humid, rainy and hot) conditions with temperatures ranging from 10 to 50 Degrees Celsius. The nominal frequency of electrical reticulation in Fiji is 50Hz. The equipment shall be water resistant, dust resistant as specified in the criteria tables above.

6. Delivery

All items shall be delivered to **EFL Navutu depot on CIF basis**. Bidder must state shipping method – airfreight or sea. Whichever method the bidder chooses, they must ensure the delivery is within **12 weeks** as stated in the specification. The bidder must take into account all logistics and costs involved to have the item shipped to Fiji.

7. Period of validity of Goods

Bids shall remain valid for a period of **90 days** after the deadline for the receipt of Bids. A bid valid for a shorter period shall be rejected by EFL as non-responsive. In exceptional circumstances, EFL may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing.

8. Bid Currency

Unless otherwise specified, the unit rates and prices shall be quoted by the bidder's country of origin. The following table must be filled and then returned with the bid. The prices must be valid for a minimum period of 90 days.

Item No.	Description	Quantity	Unit Price	CIF -Total Amount Foreign Currency
1	Supply of Portable Underground Cable Route Locator Complete with Accessories	2		
2	Others (Bidder to specify)			
	Total Price			\$ _____
	Currency			_____
	Incoterm			CIF Navutu Depot
	Price Validity			90 Days

Note: Bidders shall Specify on the Shipping Method i.e. Airfreight to Nadi Airport or Sea freight to Lautoka port. Bidders shall also specify the currency and incoterm.

9. Optional Accessories

All optional accessories (**exclusive** of that which is specified in this tender specification) are to be stated in the bid with delivery prices per unit item. It shall be EFL discretion to either purchase or forego the optional accessories stated. Picture references must be provided for clarity in choosing the accessory.

Prices are to be submitted in a table similar to below format. If the optional accessories are chosen, then they will form part of the package to be supplied together with the main underground cable fault locator equipment.

Item No.	Other Accessories	Quantity

10. Overall Evaluation Criteria

Tender Evaluation Criteria	
Category	Criteria
Bid Responsiveness	General responsiveness of bid, compliance to submission requirements and documentation
Health Safety and Environment	Assessment of Tenderer’s compliance to health, safety and environmental requirements detailed within the technical specification Past performance of Tenderers
Quality Assurance	Tenderer has Quality Management systems in place that are acceptable to Energy Fiji Limited.
Technical Compliance	Does the Tender meet Energy Fiji Limited’s minimum technical requirements as outlined in the Technical Specification? Will the bidder be able to deliver the service as per the requirement of EFL? Risk management plan and mitigation of foreseeable risks Past experience Ability to deliver on time / delivery timeframe
Commercial Compliance	Tenderer holds the required current insurance provisions and has provided evidence through valid insurance certificates of currencies. Assessment of the Tenderers operational risks including conflicts of interest. Tenderer must comply with statutory requirements, such as that enforced by FRCS, FPNF, FNU, etc. and provide evidence of compliance as required in the specifications.
Energy Fiji Limited Procedures	Tenderer must comply with all relevant Energy Fiji Limited Health , Safety and Environmental procedures. This is indicated by the Tenderer signing the Form of Tender Schedule, acknowledging all applicable procedures.
Financial Stability	Assessment of Tenderer’s current financial stability and ability to remain financially stable.
Price Evaluation	Base tendered prices;

	Price escalation formula (foreign exchange and commodity based rise and fall formula or similar review mechanism); Other value adding options.
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Note for Local Bidders (Bidders from Fiji)

Provide valid certificate copies of the following documents with your bid submissions:

- FNPF Compliance
- FNU Compliance
- Tax Compliance
- Business Registration Certificate.

TENDER SUBMISSION CHECK LIST

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 Submissions

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

This tender closes at 4.00pm (1600hrs) on Wednesday 19th 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.

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.

Tender Submission via email or fax will not be accepted.