



ENERGY FIJI LIMITED

MR 260/2025

**SUPPLY OF TWO (2) UNITS OF TOWER
FOOTING EARTH IMPEDANCE TESTER**

Section 1: Instructions to Bidders

- 1. Scope of Bid** Energy Fiji Limited (hereinafter referred to as "the purchaser"), wishes to receive bids for Supply of Two (2) Units of Tower Footing Earth Impedance Tester as specified in these bidding documents (hereinafter referred to as "Tower Footing Earth Impedance Tester").
- 2. Eligible Bidders** This Invitation to Bid is open to bidders who have sound financial background and have previous experience in handling such projects.

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

Bidders shall not be under a declaration of ineligibility for corrupt or fraudulent.
- 3. Eligible Materials, Equipment and Services** Tower Footing Earth Impedance Tester to be supplied under the Contract shall have their origin from reputable companies.
- 4. Qualification of the Bidder** To be qualified for award of Contract, bidders shall submit proposals regarding resourcing which shall be provided in sufficient detail to confirm the bidder's capability to fulfill the contract.
- 5. Cost of Bidding** The bidder shall bear all costs associated with the preparation and submission of its bid and the Purchaser will in no case be responsible or liable for those costs.

- 6. Deadline for Submission of Bids** Bids must be received by the purchaser at the address specified above no later than 1600 hours (Fiji Time) (Wednesday, 27/08/2025).
The purchaser may, at its discretion, extend the deadline for submission of bids by issuing an addendum, in which case all rights and obligations of the purchaser and the bidders previously subject to the original deadline will thereafter be subject to the deadlines extended.
- 7. Late Bids** Any bid received by the purchaser after the deadline for submission of bids prescribed will be rejected and returned unopened to the bidder.
- 8. Modification and Withdrawal of Bids** The Purchaser 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 the Purchaser's action.
- 9. Purchaser's Right to Accept any Bid and to Reject any or all Bids** Prior to expiration of the period of bid validity prescribed by the Purchaser, the Purchaser will notify the successful bidder by fax/email, confirmed by registered letter, that its bid has been accepted. This letter (hereinafter and in the Conditions of
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- 10. Notification of Award**
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Contract called the "Letter of Acceptance") shall name the sum which the Purchaser will pay the Contractor in consideration of the execution, completion and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called "the Contract Price").

The notification of award will constitute the formation of the Contract.

Upon the furnishing by the successful bidder of a performance security, the Purchaser will promptly notify the other bidders that their bids have been unsuccessful.

**11. Signing of
Contract
Agreement**

At the same time that he notifies the successful bidder that its bid has been accepted, the Purchaser will send the bidder the Form of Contract Agreement provided in the bidding documents, incorporating all agreements between the parties.

Within 7 days of receipt of the Form of Agreement, the successful bidder shall sign the Form and return it to the Purchaser.

**12. Corrupt or
Fraudulent
Practices**

The Purchaser requires that the Contractor observe the highest standard of ethics during the procurement and execution of such contracts. In Pursuance of this policy, the Purchaser:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves and/or those close to them, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; and
 - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels

and to deprive the Purchaser of the benefits of free and open competition;

- (b) Will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

2.0 INTRODUCTION

Energy Fiji Limited (EFL) requesting bids from Interested Suppliers to Two (2) Units of Tower Footing Earth Impedance Tester to EFL's Navutu Depot. The Tower Footing Earth Impedance Tester shall be capable of accurately measuring the tower footing impedance, resistance, and inductance on transmission line towers underlive condition without requiring the isolation of the earth wire and is designed to be immune to power frequency and its harmonics.

2.1 Technical Specification

	Required Specifications
Brand	Bidder to Specify
Model Number	Bidder to Specify
Manufacture Year	Bidder to Specify
Country of Origin	Bidder to Specify
Application	Impedance, Resistance and inductance measurement of tower footing
Battery type	Rechargeable battery
Standard Compliance	IEEE 81-1983 and IEEE 81-2012
Measurement Accuracy	+/- 5%
Impedance	0.01 Ω to 2K Ω auto ranging and digital
Power Supply	Operates on internal and rechargeable battery
Frequency	25kHz
Operating and Storage temperature	-10°C to + 50°C
Operation in rocky terrain	Indicates the percentage of opposition to current flow in the soil and applies a corresponding current enhancement to maintain accurate performance
Data	Memory load to PC/mobile
Display feature	Graphic LCD display , high resolution display with contrast adjustment
Warranty Period	A minimum warranty period of 1 year is to be provided for the item by the bidder.
Other Accessories	
IP 67 casing	Bidder to supply
User manual	Bidder to supply
Earth wire with lockable clamp	Bidder to supply
Galvanized stakes	Bidder to supply

Connecting cables	Bidder to supply
Charging adaptor	Bidder to supply
Data transfer cable	Bidder to supply

2.2 INFORMATION TO BE SUPPLIED

- a) Equipment User Manual
- b) Warranty Information
- c) Quality assurance certificates
- d) Standard compliance certificate

2.3 REFERENCE STANDARDS

IEEE 81-1983	IEEE guide for measuring earth resistivity, ground impedance, and earth service potentials of a ground system
IEEE 81-2012	IEEE guide updated version of measuring earth resistivity, ground impedance, and earth service potentials of a ground system

2.4 DELIVERY

The Tower Footing Earth Impedance Tester to be delivered to EFL Navutu Depot.

2.5 INCOTERMS AND PRICING

COST INSURANCE FREIGHT (CIF) to EFL's Navutu Depot.

2.6 WARRANTY

The bidder must provide at least 1 year Warranty period from time of acceptance of item

2.7 VALIDITY

The bids shall remain valid for a period of 180 days after the deadline for the receipt of Bids. A bid valid for a shorter period shall be rejected by EFL as nonresponsive.

2.8 TRAINING

Bidder shall also provide cost for hands-on training on the use of the equipment to EFL Technicians and Engineers on site (EFL Navutu Depot, Western Division, Fiji).

Training shall be provided within 4 weeks after receiving the Tower Footing Earth Impedance Tester by EFL. The details of the face-to-face training must be provided in the tender bid which may include:

- Classroom exercise - turning on equipment, features, maintenance, etc.

- Field exercise - actual setup, setting up of the power analyzer control in field and operating it.

3.0 PRICING SCHEDULE

The Supplier shall submit the lump sum in bidder's country of origin or VEP price in Fijian currency.

Equipment	Quantity	Currency (Bidder to specify)	Incoterm	Unit Price (Bidder to Specify)	Total Price(Bidder to Specify)
Tower Footing Earth Impedance Measurement Instrument	2		CIF		

4.0 BIDDERS ELIGIBILITY DETAILS

4.1 REGISTRATION & OTHER INFORMATION

The following information is required with the offer letter:

1. Registration details of the company.
2. Occupational Health & Safety Policy of the company.
3. Certificates and work experience of employees.
4. Valid FPNP Compliance Certificate.
5. Valid Tax Registration Details.
6. Past Experience details in the supply of Tower Boots.
7. Bidder is required to submit copies of Quality Management System ISO 9001 certified.

The tender bid may not be considered if the above information is not attached with the offer letter.

5.0 APPENDIX

Criteria	Requirement	Weight	Bidders Response
Business Registration Certificate	Submission of valid business registration	10	
Tax Compliance Certificate	Submission of valid tax compliance (local Bidder)	10	
FNPF Compliance Certificate	Submission of valid FNPF Compliance Certificate(local Bidder)	10	
FNU Compliance Certificate	Submission of Valid FNU compliance certificate (local Bidder)	10	
Brand & model number	(Bidder to state)	10	
Country of origin	(Bidder to state)	10	
Application	Impedance, Resistance and inductance measurement of tower footing	10	
Battery type	(Bidder to state)	5	
Standard Compliance	IEEE 81-1983 and IEEE 81-2012	10	
Measurement Accuracy	+/- 5%	10	
Impedance	0.01 Ω to 2K Ω auto ranging and digital	10	
Power Supply	Operates on internal and rechargeable battery	5	
Frequency	25kHz	5	
Operating and Storage temperature	-10°C to + 50°C	10	
Operation in rocky terrain	Indicates the percentage of opposition to current flow in the soil and applies a corresponding current enhancement to maintain accurate performance	10	
Data	Memory load to PC/mobile	10	

Warranty	Minimum of 1 year from time of acceptance of item	10	
Other Aecessories	IP 67 casing	5	
	User manual	5	
	Earth wire with lockable clamp	5	
	Galvanized stakes	5	
	Connecting cables	5	
	Charging adaptor	5	
	Data transfer cable	5	
Delivery and Lead time	I. Delivery to Navutu Depot	5	
	II. Lead time to be specified	5	
Training	hands-on training on the use of the equipment to EFL Technicians and Engineers on site	10	
Total		210	

Important Instructions for Bid Submission

Description: Dear Valued Suppliers,

This is a reminder to all suppliers to ensure that your bid submissions are made under the registered name of your business, as per your official business registration. This is important to avoid any confusion related to business identity. If there have been any changes to your business name or registration details, kindly update the information accordingly in your TenderLink user profile.

For local suppliers, please double-check your pricing calculations, including both the detailed breakdown and the total bid amount. Also, clearly indicate whether your prices are inclusive or exclusive of VAT. The prices should be received on your company letter heads, or put a company stamp.

For overseas suppliers, kindly state the currency in which you intend to submit your bid, along with the applicable Incoterm. This will assist us in accurately analyzing your submission.

Before submitting your bid, please ensure that all required documents have been uploaded to avoid incomplete submissions. Please upload valid Tax compliance, Valid FNPf Compliance and Valid FNU Levy Compliance for local bidders.

Lastly, please ensure that the Tender Submission Checklist is completed in full, including:

Company name: _____

Names of directors: _____

Contact phone number: _____

Email address: _____

These details are essential for us to reach out for any required clarifications.

Kindly ensure that you upload your tenders at least one hour before the closing time to avoid any last-minute internet or technical issues.

Thank you for your cooperation.

Kind regards,
EFL Supply Chain

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 27th August, 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.