



**ENERGY FIJI LIMITED**

**BIDDING DOCUMENT**

**MR 398/2024**

**SUPPLY OF LIVE LINE SUIT  
(FARADAYS CAGE)**

## INVITATION TO TENDER

The Energy Fiji Limited (“The Employer”) invites sealed bids from suitable companies for the supply, packing and transporting (CFR to Suva Port) of “Live Line Suits (Faradays Cage)” designed for use by personnel performing maintenance on or near live high voltage electrical lines.

All tenders for the contract shall be submitted on the appropriate forms provided and shall include the completed price schedule, technical schedule etc. The bid shall be on the basis of a lump sum contract based on firm prices.

During evaluation of tenders the company will invite a tenderer or tenderers for discussions, presentations and any necessary clarification before awarding of the contract.

The tender submissions close on Wednesday 4th December, 2024 at 1600hrs (local) Fiji Time. Further information for this tender may be acquired from:

Mr. Jitendra Reddy,  
Manager Procurement, Inventory & Supply Chain  
Supply Chain Office,  
2 Marlow Street,  
Private Mail Bag, Suva  
or email: [tenders@efl.com.fj](mailto:tenders@efl.com.fj)

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## 1 Introduction

Energy Fiji Limited [EFL] is a sole utility business unit in Fiji responsible for the power production, transmission, distribution and retailing to its valued customers around the nation.

The guidelines of this document, in alignment with the relevant referenced standards, shall be the basis for the manufacturers to submit tender bids to supply the required live personal protective equipment to Energy Fiji Limited as the needs arises.

## 2 Technical Specifications

The supplier shall provide Live-line suits (Faraday Cage) that comply with the specifications outlined herein, including suits in various sizes and compatible accessories as requested.

Section	Specification	Requirement	Response
Standards Compliance	International Standards	ASTM F1506, IEC 61482-2, NFPA 70E or equivalent standards for flame resistance and arc flash protection.	
	Certification Requirement	Certification from recognized testing agencies confirming compliance with all applicable standards.	
Material Requirements	Fabric	Arc-rated, flame-resistant, high dielectric strength material. Lightweight yet durable and breathable for user comfort.	
	Insulation Rating	Must withstand a minimum voltage rating of 132kV.	
	Anti-Static Properties	Required to minimize electrostatic discharge risk.	
Design Specifications	Suit Type	One-piece or two-piece design, including an integrated hood, gloves, socks and boots.	
	Visibility	Face shield should be clear, impact-resistant, and anti-fog, with high visibility and no distortion.	
	Adjustability	Adjustable cuffs, ankle straps, and hood drawstrings for secure and comfortable fit.	
	Reinforcements	Reinforced stitching and closures to enhance durability and prevent seam failure.	
Functional Features	Ergonomic Fit	Allows full range of motion without restricting movement; ergonomic design for long hours of wear.	
	Sizes	Available in multiple sizes to fit different body types, ensuring full coverage and secure fit.	
	Breathability	Fabric must be breathable to prevent heat stress, with sufficient ventilation	

		properties while maintaining dielectric strength	
Technical Testing	Arc Rating	Testing must confirm arc flash protection as per IEC 61482-2 or ASTM F1506 standards.	
	Dielectric Strength	Testing certificates from an accredited laboratory confirming insulation rating per international standards.	
	Impact Resistance	Face shield and other parts must meet impact resistance standards suitable for live-line work (compliance with EN 166 or equivalent).	
	Training	Optional on-site training for personnel on proper use, maintenance, and storage of the suits.	

### **3 Packaging and Marketing**

The packaging of items by the bidder must ensure that they are capable of being delivered undamaged giving due consideration to the quantity, distance of transportation and the preferred method of handling at each location.

Each packaged lot shall be marked with the following information:

- Company Name
- Purchase Order Number
- Contact No.
- Item Description

### **4 Warranty and Support**

Each liveline suit should be warranted for a minimum of [specify period, e.g., 12 months] against defects in materials and workmanship.

The supplier must offer post-purchase support, including repair or replacement services within the warranty period, if needed.

### **5 Supplier Qualifications**

Suppliers must have a proven record in manufacturing or supplying high-voltage PPE, with references from previous clients in the utilities or industrial sector. Suppliers must have ISO 9001 or equivalent certification for quality management. Documentation of compliance with standards must be included with the tender submission.

### **6 Delivery & Training**

The bidder is to state the estimated time of delivery from issue of purchase order (preferably 4 weeks from the issue of purchase order). Maximum allowable delivery time to be 4 weeks from issue of Purchase Order. The items to be delivered to Energy Fiji Limited's Kinoya depot.

If required, the supplier should provide training for personnel on proper usage, maintenance, and storage of the suits.

### **7 Payment Terms**

The payment will be done within thirty (30) days after the goods and services have been delivered/received in satisfactory condition and upon submission of invoice with other required and related documents. There will be no advance payments done on the items being provided.

## 8 Price Schedule and Validity

### a. Price Schedule

All bidders are strictly provide the currency and incoterm (CIF preferred) for the items supplied.

<i>Description</i>	<i>Size</i>	<i>Quantity Required</i>	<i>Unit Price</i>	<i>Currency (Specify Currency)</i>	<i>Total Cost (CFR to SuvaPort)</i>
Live line Suit (Faradays Cage) One-piece or two-piece design, including an integrated hood, gloves, socks and boots.	Small	2			
	Large	14			

*Note:*

- Prices must be rounded to two decimal places.
- *Hand Written bids will not be accepted. All bids must be typed.*
- *All prices shall state the currency of bid. For Fijian dollars (FJD) bids should be VAT inclusive i.e. FJD VIP. Where a bidder bids in FJD VEP, then VAT exemption certificate must be supplied with bid.*
- The above table must be submitted with bidding document

### b. Price Validity

The prices must be valid for a minimum of 120 days from date of close of tender. 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.

## 9 Appendix

### a. Technical Schedule

This schedule shall be completed and submitted with the offer. (Refer to Technical Specifications). Failure to fill in the technical specifications with the compliance evidences, the bid will be disqualified.

### b. Submission Requirement

All tenderers are required to complete and submit a copy of the submission requirements with their bid submissions.

#### Mandatory Compliance

- i. Company Registration Certificate
- ii. Price in CIF incoterm for overseas bidders or FJD VIP for local bidders
- iii. Price Validity (preferred 120 days)
- iv. Evidence of other utility using product offered
- v. Minimum warranty period from time of acceptance of items (1 year)
- vi. Evidence of confirmation for international standards
- vii. FNPf Compliance Certificate (local bidders)
- viii. FRCS Compliance (local bidders)
- ix. FNU Compliance (local bidders)

Requirements	Weighting
Completed Technical Specification Table with Bidder's Response (Yes/No)	30
Validity of bid (120 days required) (Yes/No)	5
Payment conditions (30 days account)	10
Delivery Term (CFR to Suva Port mandatory)	10
Quality management system used in the production of the Supply of Live Line Suit. (attach certificate)	10
Minimum warranty period from time of acceptance of item(s). (1 year)	10
Testing methodology for confirmation of conformance to international specification & standard.	10
Evidence of confirmation for international standards (provide certificate)	15



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 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 4<sup>th</sup> December, 2024.**

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](mailto: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.**