



Energy Fiji Limited

Bidding Document

**Preferred Supplier of Fire Protective
Coating or Wraps for Wooden Poles**

MR 404/2024

1. INTRODUCTION AND SCOPE OF WORK

Energy Fiji Limited [EFL] is responsible for generation, transmission and distribution of electricity in Viti Levu, Vanua Levu, Ovalau and Taveuni in Fiji. By January 2023, the EFL had 215,515 customers. This included residential, commercial and institutional customers.

EFL is requesting proposal for the Preferred Supplier to supply item listed below for EFL's consumption to carryout repair, construction and maintenance of power line network in Fiji.

The preferred Supplier arrangement will be for a period of 3 (three) years from the date of signing of the contract. The award of this Tender may be split and awarded to more than one successful bidder.

This document outlines the technical requirements for Fire Protective Coating or Wraps for Wooden Poles for use in EFL.

The items covered by this specification are listed below:

Item No.	Item Required	Quantity
1	Fire protective Coating	600L

1 INSTRUCTIONS TO BIDDERS

1.1 Eligible Bidders

This invitation is open to all Bidders who have sound Financial Background, and have previous experience in design, manufacture, testing and supply of such pole-mounted and platform-mounted transformers.

Bidders shall provide such evidence of their continued eligibility satisfactory to EFL as EFL shall reasonably request. Bidders who are not manufacturers of such transformers shall provide evidence of agency.

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

1.2 Eligible Materials, Equipment and Services

The materials, equipment, and services to be supplied under the Contract shall have their origin from reputable companies (as specified by EFL where relevant) and from various countries and all expenditures made under the Contract will be limited to such materials, equipment, and services. Upon request, bidders may be required to provide evidence of the origin of materials, equipment, and services.

For purposes of this Contract, "services" means the works and all related services including design services.

For purposes of this Contract, "origin" means the place where the materials and equipment are mined, grown, produced or manufactured, and from which the services are provided. Materials and equipment are produced when, through manufacturing, processing or substantial or major assembling of components, a commercial recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

The materials, equipment and services to be supplied under the Contract shall not infringe or violate any industrial property or intellectual property rights or claim of any third party.

1.3 One Bid per Bidder

Each bidder shall submit only one bid. A bidder who submits or participates in more than one bid will cause all those bids to be rejected.

1.4 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.

1.5 Site Visits

Bidders can visit existing EFL networks by making arrangements to visit existing EFL installations. Bidders are required to familiarize themselves with the existing EFL installations so the solutions they offer does not require modification to existing poles and support infrastructure.

1.6 Contents of Bidding Documents

The bidder is expected to examine carefully the contents of this Bidding document. Failure to comply with the requirements of bid submission will be at the bidder's own risk. Bids which are not substantially responsive to the requirements of the bidding documents will be rejected.

1.7 Clarification of Bidding Documents

A prospective bidder requiring any clarification of the bidding documents may notify EFL in writing by email, addressed to:

Jitendra Reddy
Manager Procurement, Inventory & Supply Chain
2 Marlow Street,
Suva, Fiji
Phone: +679 331 3333 Ext 2320 or
Mobile: +679 999 2400
Email: JReddy@efl.com.fj

EFL will respond to any request for clarification which it receives earlier than 10 days prior to the deadline for submission of bids.

1.8 Amendment of Bidding Document

At any time prior to the deadline for submission of bids, EFL may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by issuing addenda.

1.9 Language of Bid

The bid, and all correspondence and documents related to the bid, exchanged between the bidder and the EFL shall be written in the English language.

1.10 Bid Prices

Unless specified otherwise, Bidders shall quote for the entire facilities on a "single responsibility" basis such that the total bid price covers all the Supplier's obligations mentioned in or to be reasonably inferred from the bidding documents in respect of the design, manufacture, including procurement and subcontracting (if any), testing and delivery.

Bidders shall give a breakdown of the prices in the manner and detail called for in this bidding document, or any issued addenda.

Bids shall be given on CIF basis. The point of delivery shall be EFL's Navutu Depot in Lautoka. The term CIF shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce, Paris.

EFL has a marine insurance cover for items it is required for purchase for its project and operational works. Bidders are required to comment if the marine insurance component is covered in their bids.

1.11 Bid Currencies

Prices shall be quoted in a single currency only.

1.12 Bid Validity

Bids shall remain valid for a period of **180 days** from the date of Deadline for Submission of Bids specified in Sub-Clause 21.1.

1.13 Format and Signing of Bids

The bidder shall provide one electronic copy of the Technical and Financial proposals on EFL's electronic tender hosting website; <https://www.tenderlink.com/efl>

The bid shall contain no alterations, omissions or additions, except those to comply with instructions issued by EFL, or as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

1.14 Sealing and Marking of Bids

Due to the Covid19 restrictions on movements, bidders are encouraged to bid via Tender link Portal.

1.15 Deadline for Submission of Bids

Bids must be received by EFL at the address specified above no later than **1600 hours (Fiji Time) 29th January 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.

1.16 Late Bids

Any bid received by EFL after the deadline for submission of bids prescribed above will be rejected.

1.17 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. No bid may be modified by the bidder after the deadline for submission of bids.

1.18 Rejection of One 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 the rejection.

1.19 Process to be Confidential

- 2.19.1. Information relating to the examination, clarification, evaluation and comparison of bids and recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process.
- 2.19.2. Any effort by a bidder to influence EFL's processing of bids or award decisions may result in the rejection of the bidder's bid.
- 2.19.3. Lowest bid will not necessarily be accepted as successful bid.

1.20 Clarification of Bids

To assist in the examination, evaluation and comparison of bids, EFL may, at its discretion, ask any bidder for clarification of its bid. The request for clarification and the response shall be in writing, but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by EFL in the evaluation of the bids.

1.21 Compliance with Specifications

The tender shall be based on the equipment and work specified and shall be in accordance with the Technical Specification. It should be noted that unless departures from specifications are detailed in Schedules of the Technical Specification, the tender would be taken as conforming to the Specification in its entirety. The Bidder shall tender for the whole of the Works included in the Specification.

1. General Description

This tender is to purchase quality, durable and reliable fire protective coating or mesh which will be used to paint or cover wooden poles for the Energy Fiji Limited. The bidder's proposal shall address all specification and provide sufficient information and supporting documentation in order to determine compliance.

Wood poles are currently the preferred structure in power distribution and transmission in Energy Fiji Limited. Wood poles are heavily impacted by fire that is most often caused by other origins and usually non-fire treated wood poles are a utilities most impacted asset during a fire. Wood poles are still heavily used because of the lower cost of the asset as compared to alternative materials such as composite or steel poles.

2. Technical Specification

2.1 Fire Protective Wrap

The Fire protective wrap will be used as a protective barrier to protect wood poles from burning and/or scorching causing significant strength loss in a wooden pole. It will allow Energy Fiji Limited to implement a fire resistant pole in high fire areas and is able to retain the positive qualities that are equivalent to the standard wood pole. It should be durable so it can be easily installed on existing poles by EFL's maintenance team. The Fire protective wrap must also be light weight and versatile and can easily be applied to existing structures.

The Fire protective wrap must form a barrier by expanding as soon as fire gets in contact or is near to the pole which will shield the wooden structure from radiant heat and fire. The wrap should allow the wood to breathe and maintain its homeostatic state. The mesh coating should expand in order to prevent ignition and does not lead to burnt pole.

The Fire Protective wrap must meet the following analysis:

- Safety
 - Pole is safe from wild fires and causes minimum interruption to the Network.
- Reliability
 - Quality of the Pole is enhanced
 - Minimal Inspection required
 - Fire Retardant (self-Extinguish)
 - Environmentally safe
 - Mesh to be made from a non-conductive fiberglass base material
 - Contains a material to assist in further reflecting heat
 - Have an infield service life of 20+ years
- Economics
 - No impact to maintenance and inspection cost
 - No impact to installation cost
- Application
 - Fire protective wrap to be applied at approx. 1.5m – 2m above ground level.

- It must be easily installed by not more than 2 personnel.

2.2 Fire Protective Paint Coating

The Fire protective coating must be of simple application with compact airless equipment on or offsite which can be run from a small generator, also be applied by a brush or roll if repaired. The fire protective coating must be of a high performance exterior grade water based, fast drying, and spray able coating for use on Energy Fiji Limited's Wooden Poles.

The Fire Protective Coating must meet the following analysis:

- Safety
 - Pole is safe from wild fires and causes minimum interruption to the Network.
 - A breathable coating allows vapor transfer and stops moisture being trapped behind the coating stopping any chance of rot or loss of adhesion.
- Reliability
 - Quality of the Pole is enhanced
 - Minimal Inspection required
 - Fire Retardant (self-Extinguish)
 - Environmentally safe
 - Coating must be of nonhazardous water based coating with easy application.
 - A customized mobile spray system allows for efficient application in field or in yard allowing for high volumes to be coated quickly and consistently.
 - Have an infield service life of 20+ years
- Economics
 - No impact to maintenance and inspection cost
 - No impact to installation cost
- Application
 - A customized mobile spray system allows for efficient application in field or in yard allowing for high volumes to be coated quickly and consistently.
 - Coating to be applied at approx. 1.5m above ground level.
 - The Fire protective coating must be easily applied by not more than 2 personnel.
 - Simple touch up application process for inspection of holes or damaged areas on the pole.
 - 2 coating thickness to cater for moderate or high risk threats.

3. Quality and Environment Assurance

The quality assurance system of design, manufacture, and inspection shall conform to ISO 9001.

Quality assurance certificate according to ISO 9001 issued by an authorized inspection agency shall be submitted with the bid.

The environment management system of manufacture shall confirm to ISO 14001.

Environment assurance certificate according to ISO 14001 issued by an authorized inspection agency shall be submitted with the bid

Bids will not be considered if the manufacturer's experience or quality assurance system does not meet the above requirements.

Bidders must provide test certificates and a sample which will be used by the Technical team to access the fire protective coat or fire mesh at no cost charged to Energy Fiji Limited.

4. Information to be Supplied

The following information shall be supplied with the offer:

- a) Bidders FNPF Compliance
- b) Bidder TAX compliance certificate
- c) Business Registration

5. Pricing Schedule

5.1 Option 1 – Fire Protective Coating

Item No.	Item Required	Quantity	Unit Price FJD - VIP	Total Price FJD - VIP
1	Fire protective Coating	600L		
2	Application, Installation and safety Training	1		

5.2 Option 2 – Fire Protective Wrap

Item No.	Item Required	Quantity	Unit Price FJD - VIP	Total Price FJD - VIP
1	Fire protective Wrap (bundles)	30		
2	Application, Installation and safety Training	1		

Bidder to provide the Specific dimensions of the Fire protective wrap.

NOTE. For Companies Registered in Fiji

- Companies must comply with the Fiji Income Tax and the Value added tax regulation
- Provision of valid Tax Compliance Certificate.
- Provision of valid FPNF Compliance Certificate.
- Provision of insurance policies – Public Liability

5.3 The Supplier if from overseas shall submit the lump sum VIP price in Fijian currency to carry out the following works.

○ 5.3.1 Incoterms

- All pricing shall be done on Cost, Insurance and Freight (CIF) basis, delivered to Energy Fiji Limited's Navutu Depot, Lautoka, Fiji.

○ 5.3.2 Currency

- All pricing shall be in either: US\$, AU\$, NZ\$, FJ\$.

○ 5.3.3 Taxation

- The pricing shall be EXCLUSIVE of any type of taxation that needs to be paid in Fiji.

○ 5.3.4 Price Breakdown

- The prices quoted will be fixed and NOT variable. The price schedule must be typed and not hand written. Hand Written Tenders will be disqualified.

○ 5.3.5 Validity

- **The pricing shall be valid for 180 days.**

6. Delivery

The bidder is to state the estimated time of delivery from issue of purchase order. Maximum allowable delivery time to be 14 weeks from issue of Purchase Order.

7. Warranty

The bidder is to also state warranty details and submit in their tender submission. The required warranty period is 10 (years) year from the date of fire protective coat applied or Fire proof wraps installed.

8. Price Validity

The prices must be valid for a minimum of 3 months 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.

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 29th January 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.