



ENERGY FIJI LIMITED

BIDDING DOCUMENT

Loading, Transportation and Offloading of one (1)
132kV/33kV YNd11, 50Hz Power Transformer from
EFL Cunningham Substation to EFL Koronubu
Substation in Ba, Fiji.

TENDER NO: MR 182/ 2024

INVITATION FOR BIDS

Date: 18th May, 2024
Tender No: MR 182/ 2024

Energy Fiji Limited (“The Employer”) invites sealed bids from reputable contractors for Loading, Transportation and offloading of one (1) 132kV/33kV YNd11, 50Hz Power Transformer from EFL Cunningham Substation to EFL Koronubu Substation in Ba, the western region of the main island Viti Levu.

The bidder is required to submit a bid for:

Loading, Transportation and Offloading of one (1) 132kV/33kV YNd11, 50Hz Power Transformer from EFL Cunningham Substation to EFL Koronubu Substation in Ba, Fiji.

EFL is seeking those **contractors who shall be able to ensure all works shall be complete by the 31st of August, 2024.**

The bid shall be on the basis of a lump sum contract based on firm prices.

Bidders may obtain further information from, and inspect and acquire the bidding documents and, if required, arrange for a site visit from;

Energy Fiji limited
The Secretary Tender Committee
2 Marlow Street, Suva, FIJI.
Suva

The deadline for submission of bids shall be 1600hrs (local time) on **Wednesday, 12th June, 2024.**

During evaluation of bids the Authority may invite a bidder or bidders for discussions, presentations and any necessary clarification before awarding the contract price proposal.

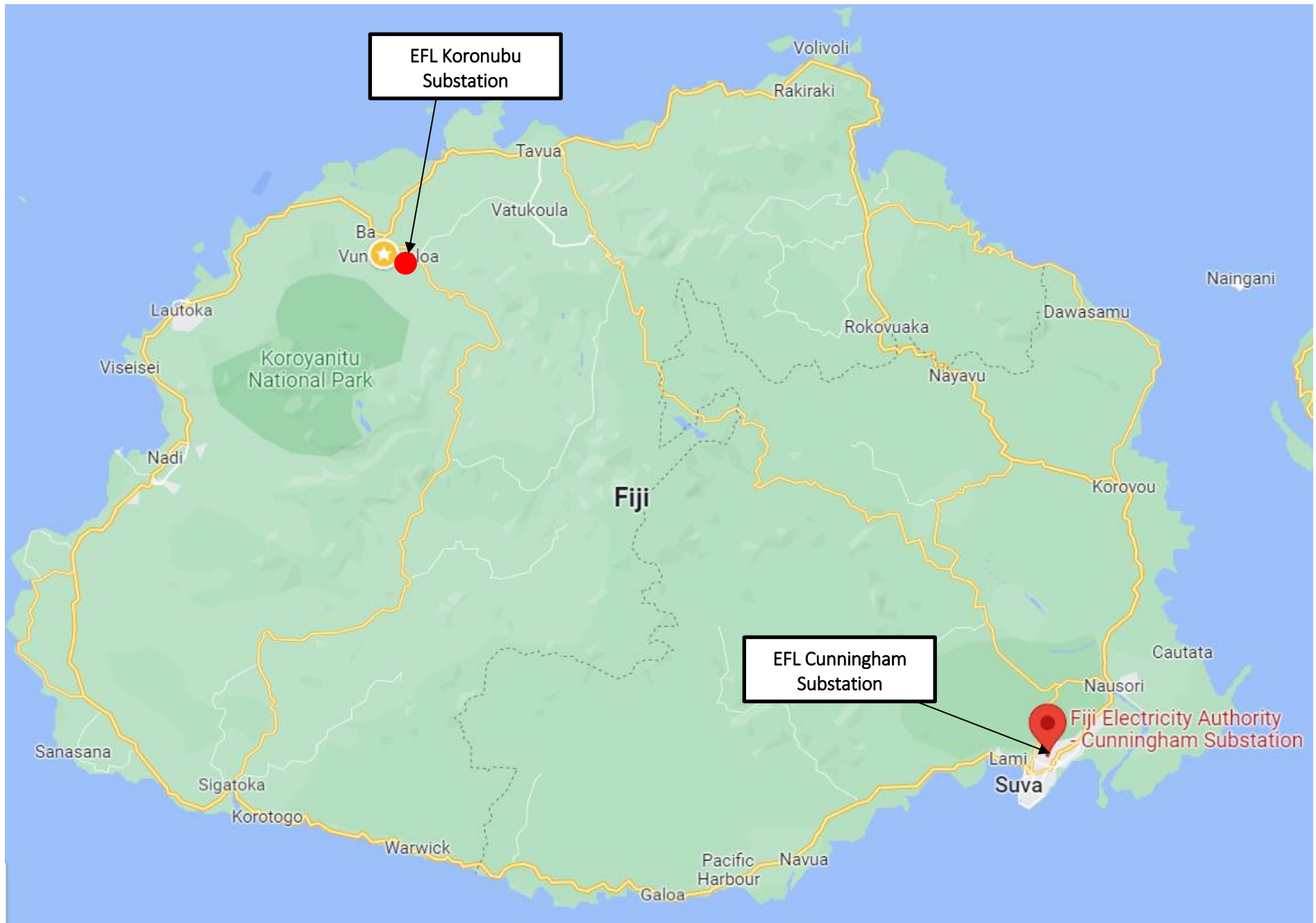
A mandatory site visit is planned for **28th May, 2024 from 11.00am Fiji Time to 12.00p.m.** Interested bidders are required to inform EFL three working days in advance so appropriate time slot for site visit is arrange for all bidders. Contractors will be required to meet at the EFL’s Cunningham Substation.

Tenders received after the closing date and time as stipulated above will not be considered.

It is the responsibility of the bidder to pay the courier charges and all other costs associated with the delivery of the hard copy of the tender bid.

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1.0 Scope of Works

This section covers the scope of work required for Loading, transportation and offloading of one (1) 132kV/33kV YNd11, 50Hz Power Transformer from EFL Cunningham Substation to EFL Koronubu Substation in Ba.

1.1 General Description

Adherence to industry standards are mandatory as outlined by IEC, ANSI, AS/NZS to cover aspects such as packaging, handling, securing and transportation conditions to ensure the safety and integrity of the transformer during transit. Adherence to local rules, regulations and guidelines are also to be complied with.

The following forms the scope covered in this tender:

1. Dismantle conservator tank, bushings, radiator, cooling fans and any other accessories mandatory for transportation. (it shall be noted that relevant covering shall be fabricated and installed to cover the transformer openings)
2. Assist EFL in removal of transformer oil to suit transportable weight of the Power Transformer. (Transformer oil to be stored in a proper manner after removal and to be transported with the Transformer to EFL's Koronubu Substation in Ba.
3. Loading of 132/33 kV Power Transformer from the Transformer Pad at Cunningham Zone Substation.
4. Transport the 132/33 kV Power Transformer from Cunningham Substation, Suva to Koronubu Substation, Ba.
5. Off load the 132/33 kV Power Transformer on the Transformer Pad at Koronubu Substation, Ba.
6. Install the conservator tank, bushings, radiator, cooling fans and any other accessories removed for transportation.
7. Assisting EFL team in carrying out transformer oil testing and filling of oil in the Power Transformer with oil filtration plant. (Oil filtration plant will be provided by EFL)
8. Detailed method statement to be provided prior to commencement of the works.
9. Crane and low bed truck to be supplied by contractor.
10. All tools and equipment to be provided by the contractor to carry out this works.
11. All the mandatory approval from local authority to be taken by the contractor.
12. Contractor to provide and facilitate all the works concerned in transporting the 132/33 kV Power Transformer on the Transformer Pad at Koronubu Substation, Ba.

Note:

- Transformer has to be lifted with part of the oil, therefore site visit is mandatory for the contractors to know the size, weight and location of the transformer.
- Before commencing any works on the transformer, it is mandatory that the transformer is thoroughly inspected for any damages/defects. Any damages/defects must be documented and reported to EFL before commencement of any works on the transformer.
- Contractor will be fully liable to make good for any damages/defects on the transformer which had not been reported to EFL prior to commencement of the works.

1.1.1 Electricity, Water and Other Services

Electricity and water will be provided on site. Any other services is to be arranged by the contractor themselves.

1.1.2 Safety and Site Supervision

Since the substation will be live with 132,000 volts, a safety induction shall be carried out for all contractors' personnel. All works within the substation boundary shall be carried out under EFL staff supervision.

2.0 Technical Specifications

The 132kV/33kV On-Load Tap-Changer Transformer was manufactured in 2018 in reference to IEC60076-2011. The mass of the transformer are as follows;

MASS	Unit
Total	66,000kg
Untanking	38,500kg
Oil	14,130kg
Transport	43,500kg

Below are the transportation dimensions;

- Note – this dimension is for the main transformer tank only. This excludes conservator tank, bushings, radiator, cooling fans and other accessories.

Dimensions	Unit
Length	5600mm
Width	2500mm
Height	3700mm

The crane lifting capacity should be suitable to carry out the works.

3.0 Inspection

EFL's Engineers and Technicians will carry out relevant transformer testing in presence of the transportation contractor to ascertain that transformer is in working condition. The Tests will be carried out before loading of the transformer for transportation and after offloading at Koronubu Sub-Station in Ba.

4.0 Site Conditions

The Power Transformer is to be loaded from Cunningham Substation. The Contractor shall be deemed to have visited the site of the works to satisfy him/her as to the accuracy of all information supplied to the Tenderers and to the feasibility of the works.

The proposed location is in a Substation equipped with high voltage plants therefore all necessary Safety Gear must be worn by the Contractor's Staff at all times.

The Contractor may only enter the site upon provision of access by an Authorized EFL representative. The Contractor is not to execute any work without direct supervision from an EFL representative.

5.0 Setting Out

All tenderers shall inspect and examine the site, its surroundings, and shall satisfy himself before submitting his tender, as to the form and nature of the site, the nature and type of existing work, the quantities and natures of the work and materials necessary for the completion of the Works and the means of access to the site, the accommodation he may require, the availability, conditions and rates of pay of labour and in general shall himself obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect his tender.

The Contractor shall be responsible for the correct detailed setting out of the Works as indicated in the Tender Documents and shall, at his own cost, amend any errors during the progress of the Works arising from inaccurate setting out.

If a tenderer has any doubt as to the meaning of any portion of the Works, he shall when submitting his tender, include a statement of the interpretation upon which he relies and upon which his tender has been prepared and submitted.

6.0 Materials, Workmanship and Plant

Materials in all trades shall be new and the best of their kinds specified and necessary complying with relevant standards (Fiji, Australia, New Zealand or USA) where applicable and subject to approval or rejection by the Engineer.

The Contractor shall at all times ensure that adequate protection is provided to finished work and materials to be used in the construction of the work. Where necessary, make good any damage to property.

The Contractor shall provide all workmen, both skilled and unskilled, plant, equipment and materials necessary for the expeditious completion of the work.

7.0 Occupational Health and Safety

The Contractor shall comply with the Health and Safety at Work Act, 1996 and regulations and Amendments thereto and the Energy Fiji Limited HSE Policy.

8.0 General Foreman

The Contractor shall appoint a competent General Foreman who shall be constantly on the works during the progress of the same, to whom instructions may be given by the Engineer.

The Engineer may require the Contractor to dismiss the General Foreman or other person shall he be incompetent or shall misconduct himself or for any other good reason to be assigned by the Engineer to the Contractor.

9.0 Cleaning Up

Upon completion, remove all surplus materials from site and leave site in a clean and tidy condition.

The Contractor shall remove and cart away all rubbish and trade debris as it accumulates during the progress of the works.

10.0 Program

Within seven (7) days of acceptance of his tender, the Contractor shall submit to the Authority, for approval a Program showing the order in which he proposes to carry out the works.

11.0 Insurance

The Contractor is to effect the following insurance policies:

Contractor's All Risk Insurance - FJ\$5,000,000.00

Public Liability Insurance – FJ\$5,000,000.00

Workmen's Compensation - FJ\$5,000,000.00

12.0 Price and Payment

The Contract Price is to be on a Lump Sum basis. The tenderer is to submit a breakdown of the various components of the project.

The Contractor's request for payment shall be made to the Authority in writing, accompanied by invoice(s) describing, as appropriate, and services performed, together with other documents as may be required by the Authority. Payments shall be made promptly by the Authority, within thirty days of submission of an invoice/claim by the Contractor.

The Contractor is eligible for payment after completion of the Contract. No partial payments will be made.

13.0 Validity

The Tendered Price is to remain valid for a period of 120 days after the closing date of the tender.

14.0 Price Schedule

Bidders must provide a breakdown of the prices as per below schedule.

No.	Item	PRICE (VIP)
1	Loading, Transportation and offloading of one (1) 132kV/33kV YNd11, 50Hz Power Transformer from EFL Cunningham Substation to EFL Koronubu Substation in Ba, Fiji.	
Total Price (VIP)		

15.0 Selection criteria

No	Criteria	Comments
1	HSE plan	
2	Insurance policies	
3	Crane lifting capacity	
4	Low bed truck size	
5	Conformance to all scope of works as per tender document	
6	Works to be completed within a 48 hour time frame	
7	TAX compliance letter	
8	FNPF compliance letter	



TENDER CHECKLIST

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

Tender Number _____

Tender Name _____

Full Company / Business Name: _____

(Attach copy of Registration Certificate)

2. Director/Owner(s): _____

3. Postal Address: _____

4. Phone Contact: _____

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 12th June, 2024.

For further information or clarification please contact our Supply Chain Office on phone (+679) 3224360 or (+679) 99926520 or (+679) 9992355 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 will not be accepted.