



ENERGY FIJI LIMITED TENDER
TENDER NO: MR 178/2019
Cabling works at ELF's Sawani Substation

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Energy Fiji Limited invites reputable contractors to tender for 630mm² XLPE cable termination and associated cable pulling works at ELF's Sawani Substation. The tender shall be on the basis of a lump sum contract based on firm prices and show a breakdown as of the cost of individual tasks as per price list.

EFL is seeking those **contractors who shall be able to ensure all works shall be complete by the 30th June, 2019, starting on 20th June 2019.**

It is Mandatory for bidders to submit two (2) hard copies of bids in sealed envelopes to the following location:

The Secretary – Tender Committee,
Energy Fiji Limited Head Office,
2 Marlow Street,
Suva

The Tenders Should be marked with the Following Details:

"TENDER NO: MR 178/2019 – "Cabling works at ELF's Sawani Substation."

COMPANY NAME AND ADDRESS

Further Information about this tender can be obtained from:

Tuvitu Delairewa
General Manager Commercial
2 Marlow Street, Suva, Fiji.
Email: TDelairewa@efl.com.fj
Phone: 679 3224 185

A Mandatory Site visit will be held on Monday, **3rd June, 2019 commencing at 10.00am** at the Sawani Substation

Contact Person: **Abhinendra Chand ph.: 9999282 or Nitin Nicklesh Bali ph.9926279**

The deadline for submission of Tenders shall be 1600hrs on **Wednesday, 5th June 2019, Fiji Standard Time.**

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.

1. SCOPE OF WORKS

This section covers the scope of work required for this tender:

1.1 GENERAL DESCRIPTION

The following forms the scope covered in this tender:

1. Disconnect 4 sets x 240mm² cable from indoor 11kV circuit breaker (2 set cables each circuit breaker), cut cable from cable trance located outside the switch room and remove this portion of cable.
2. Pull new 4 sets x 630mm² cable that is available coiled outside switch room through respective conduits to allocated 11kV circuit breaker.
3. Disconnect 3 sets x 300mm² 33kV cables from 2 x 33kV out door HSS circuit breaker (1 set cables each circuit breaker) located inside 33kV switch yard. Cut conduit and cable from cable trench next to respective circuit breakers and remove cables. Cut and remove required portion of existing conduits in cable trench to allow for 1.5m bending radius for the new cable.
4. Pull new 2 sets x 630mm² cable which is available coiled next to cable trench in the 33kV switch yard into respective cut conduits leading to appropriate 33kV circuit breakers. Secure the cables on the cable steel cable support structures.
5. Carry out 4 sets x 630mm² 33kV single core cable termination at indoor 11kV switch room with cable earthing. Secure cable to cable support structure in the cable trench.
6. Carry out 6 sets x 630mm² 33kV single core cable terminations with cable screen earthing in 33/11kV transformer cable termination box. There are two identical transformers. Each transformer required 2 sets of cable termination in the 11kV cable box and 1 set of cable termination in the 33kV cable box.
7. Carry out 2 sets x 630mm² 33kV single core out door cable termination with cable screen earthing at 2 x 33kV HSS circuit breakers in the 33kV switch yard. 1 set cable termination per circuit breaker.
8. All tools and equipment including LPG gas to be provided by the contractor to carry out this works.
9. All 630mm² XLPE cable termination kits and associated glands will be provided by EFL. on site.

Note :

- One (1) set of cable means 3 single core cables (A, B, C)
- One (1) set cable termination means 3 terminations on one side of 3 single core 630mm² cables (A, B, C)
- Cable termination kits will either be indoor or outdoor kits depending on area of application.

1.1.2 ELECTRICITY, WATER, GAS AND OTHER SERVICES

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

1.1.3 SAFETY AND SITE SUPERVISION

Since the substation is live with 33,000 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. TECHNICAL SPECIFICATIONS

- 1.1 The cable jointer / jointers must have carried out 33kV cable termination on 630mm² within the past 12 months for EFL
- 1.2 The cable jointer/ jointers must be a qualified cable jointer- Provide certificate and work experience.

3. INSPECTION

- 3.1 EFL's Engineer representative shall have the right to inspect the works and to confirm conformity to the contract specifications.
- 3.2 Should any inspected works fail to conform to the specifications, the Authority may reject them and the Contractor shall make all alterations necessary to meet the specification requirements.
- 3.3 Each cable termination will be tested of insulation resistance. Resistance to be more than or equal to 100MΩ to be consider a pass. Should the cable termination fail IR test, the contractor must repair the defect at its own cost.
- 3.4 Nothing in this clause shall in any way release the Contractor from any other obligations under this contract.

4. SITE CONDITIONS

- 4.1 The site is located at Sawani. 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.
- 4.2 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.
- 4.3 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. The times for work will be during afterhours or during weekends.

5. SETTING OUT

- 5.1 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.
- 5.2 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.
- 5.3 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 replies and upon which his tender has been prepared and submitted.

6. MATERIALS, WORKMANSHIP AND PLANT

- 6.1 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.
- 6.2 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.
- 6.3 The Contractor shall provide all workmen, both skilled and unskilled, plant, equipment and materials necessary for the expeditious completion of the work.

6.4 All 630mm² XLPE cable termination kits and associated glands will be provided by EFL. on site

7. OCCUPATIONAL HEALTH AND SAFETY

7.1 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. GENERAL FOREMAN/CABLE JOINTER

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

8.2 The Engineer may require the Contractor to dismiss the General Foreman/ Cable Jointer 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. CLEANING UP

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

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

10. PROGRAM

10.1 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. INSURANCE

The Contractor is to effect the following insurance policies:

11.1 Contractor's All Risk Insurance - \$500,000

11.2 Public Liability Insurance - \$500,000

11.3 Workmen's Compensation - \$250,000

12. PRICE AND PAYMENT

12.1 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 as per price schedule.

12.2 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.

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

13. VALIDITY

13.1 The Tendered Price is to remain valid for a period of 90 days after the closing date of the tender.

14. PRICE SCHEDULE

Bidders must provide a breakdown of the prices as per below schedule. The contractor must provide the price of carrying out 3 x single core 630mm² XLPE cable termination as one set item. This will either be for 11kV indoor circuit breaker, 33/11kV transformer cable termination box or the 33kV HSS outdoor circuit breaker.

No.	Item	Unit PRICE (VIP) for one (1) set termination	Total price (VIP)
1	12 sets of single core 630mm ² XLPE cable termination		
2	All works associated with existing cable removal and pulling of new 630mm ² cables at the 11kV indoor circuit breaker and 33kV HSS outdoor circuit breaker.		
Total Price (VIP)			

15. Selection criteria

No	Criteria	Comments
1	HSE plan	
2	Insurance policies	
5	Conformance to all scope of works as per tender document	
6	Works to be completed within a 10 days' time frame	
7	TAX compliance letter	
8	FNPF compliance letter	
9	Cable jointers experience and certification	
10	Evidence of 630mm ² cable termination carried out in the past 1 year for EFL	

TENDER SUBMISSION CHECK LIST

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

Tender Number _____

Tender Name _____

1. Full Company 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)

9. Company Registration Number: _____
(Attach copy of the Business License)

10. FNPF Employer Registration Number: _____
(For Local Bidders only)

11. Contact Person: _____

I declare that all the above information is correct. Name:

Position: _____

Sign: _____ Date: _____

Submission of Tender

Two (2) hard copies of the tender bids in sealed envelope shall be deposited in the tender box located at the Supply Chain Office at the EFL Head Office, 2 Marlow Street, Suva, Fiji.

Courier charges for delivery of Tender Document must be paid by the bidders.

This tender closes at 4:00 p.m. (16.00hrs Fiji time) on Wednesday 5th June, 2019.

Each tender shall be sealed in an envelope with the envelope bearing only the following marking:

MR 178/2019

Cabling Works at EFL's Sawani Substation

The Secretary, Tender Committee

Energy Fiji Limited

Supply Chain Office

Private Mail Bag,

Suva

It must also indicate the name and address of the tenderer on the reverse of the envelope.

All late tenders, unmarked Envelopes and envelopes without bidder's name and address on the reverse on the envelope will be returned to the Tenderers unopened. (Bids via e-mail or fax will not be considered).

The bidders must ensure that their bid is inclusive of all Taxes payable under Fiji Income Tax Act and must have the most current Tax Compliance Certificate.

For further information or clarification please contact our Supply Chain Office on phone (+679) 3224360 or (+679) 9991587.

Bidders are requested to submit a:

- Valid Tax Compliance Certificate
- FNPF Compliance Certificate