



INVITATION TO TENDER



TENDER FOR IPP PROPOSALS - Waste to Energy Power Plant at Naboro

Invitation to Tender No: MR 28/2021

1. Background

The Viti Levu Interconnected System (VLIS) is the largest system of the four power systems operated by EFL. The VLIS consists of four hydro power stations and eight thermal power stations, which are linked via 132 kV or 33 kV transmission systems, or 11kV interconnectors. The installed generation capacity on Viti Levu is approximately 292.64MW, comprising 135.1MW hydro-power, 147.82MW of thermal capacity and 9.72MW wind energy. The recorded peak demand on the VLIS is 170MW to date.

The Wailoa, Nadarivatu and Wainikasou hydro power stations are located in the centre of the island. 132 kV steel tower transmission lines connect Wailoa and Nadarivatu power stations to the 132 kV backbone transmission network, which spans from Cunningham to Vuda, with switching stations in Wailoa and Nadarivatu.

The Wainikasou hydro power station is connected to the Wailoa switching station via a 33 kV transmission line and a 132/33 kV step-up transformer at Wailoa. The Nagado Power station is connected to the 33 kV sub-transmission network in the Western region of VLIS.

132/33 kV substations are situated at Vuda in Western Region and at Cunningham in Central Region. These are connected to strategically located 33/11 kV zone substations via 33 kV sub-transmission lines or underground cables.

2. Project Overview

EFL has embarked upon an ambitious program of renewable energy development in order to fulfil its long term strategic objective of achieving at least 90% of the energy requirements through renewable sources by 2030. This includes development of new generation sources for capacity-building to meet future demand.

EFL, over the years, have been in discussions with a number of Independent Power Producers (IPPs) for the development/establishment of renewable energy generation plants especially in Biomass and Waste disposal areas.

The Naboro landfill is in the Central division and receives regular supply of waste from Suva and nearby cities for disposal. EFL in consultation with the Department of Environment and other relevant authorities wishes to explore feasible projects to generate electrical energy from this waste collected at Naboro and supply to EFL grid.

The scope of work may include:

- a) Treatment and processing of waste collected at Naboro and conversion of such waste to electrical energy based any proven processing technology of choice which is/are acceptable to EFL and Department of Environment of Fiji and compliant to International Standards.

- b) Disposal of the process remnants generated and inert material in a scientific manner acceptable to internationally compliant safe environment practices to minimize pollution to soil, water or air.
- c) The prospective companies are advised to check with relevant authorities regarding the quantity and consistency of supply of waste to Naboro site from the concerned prior to determining the long term plant capacity (MW) and energy output (MWh or GWh) over the term of IPP between 15 to 30 years.

3. Eligibility Criteria for participating Firm(s):

- a) Companies should have experience in construction, operation and maintenance of waste to energy plant for at least 3 years after registration of their business.
- b) Companies should have experience in setting up and operating facilities with a capacity of more than or equal to 10MW (in a single installation) on a 24x7 basis.
- c) Companies should have sound financial background with consistent profit making record proven by audited financial statement of the past 3 years.
- d) If they are registered in Fiji they should have FRCS tax Clearance, FNPF clearance, FNU clearance etc. as required under the laws of Fiji. EFL will need each of the relevant certificates at the appropriate time.
- e) EFL reserves the right to accept or reject any or all without incurring any obligation to inform the affected applicant/s of the grounds. The s will be evaluated based on the information provided by the Firm(s).

4. Objective of the Tender

1. The bid submission shall include a preliminary technical description of the proposal and include, but not limited to, discussions on the following:
 - a. Description of the proposal with relevant schematics and drawings.
 - b. Plant Capacity (MW)
 - c. Deemed Quantity per year (MWh)
 - d. Operating Regime (Hours per Day)
 - e. Power evacuation – the transmission line, substation and metering facility at the interconnection point should be specified in detail and should form the integral part of the bid submission.
 - f. Proposed Electrical Energy Fee – Fiji Dollars Cents per kWh (VEP).
 - g. Preferred term of the IPP – 10/15/20/25/30 years from the COD (Commercial Operations Date)
 - h. The site map of the area earmarked for the plant and the substation.
 - i. The SLD (Single line diagram) of the 33kV network connecting the power plant/substation to the existing 33kV transmission line that runs along the Queen's Highway (alongside Naboro site).

2. Any request for additional information, site visit or investigations shall be made well in advance so that the submission deadlines are met.

3. In addition to the above information the EFL IPP Checklist must be filled and completed as below:

Item No	DESCRIPTION	Yes/No	COMMENTS
1	Sign the Non-Disclosure Agreement		This is required during the PPA development stage since EFL will be releasing critical information.
2	Is the proposal based on a proven technology and has been operating for many years?		Provide details
3	Has the IPP been operating the proposed technology for many years?		Provide details
4	Which part of the world (or countries) is this proven technology operating?		Provide details
5	Does the IPP have the technical capability to operate and maintain the power plant?		Provide details (of manpower)
6	Provide evidence of financial capability		Provide details
7	A certificate of registration from Investment Fiji (Applicable only for Overseas Investors)		Provide details
8	Provide refundable deposit of FJ\$50,000 at the signing of the PPA and will be refunded at the Commercial Operation date.		
9	Names of Overseas Directors		Provide details
10	Names of Local Directors		Provide details

11	Tax Identification Number of the IPP (TIN) in Fiji		Provide details
12	Memorandum and articles of Association		Provide details
13	Copy of last annual tax return of the company		Provide details
14	Banker's reference on each shareholder		Provide details
15	Copy of audited financial statements for the last 3 years		Provide details
16	A brief description should also be provided of the type of project envisaged by the IPP.		Provide details

5. Evaluation Methodology

The bid submissions will be checked for completeness and accuracy. Firms that fail to submit all information required above or do not meet the specifications and requirements of EFL are liable to be rejected. The EFL reserves the right to complete due diligence on the bidders and conduct reference check without prejudice. EFL reserves the right to accept or reject any bid without assigning any reason.

6. Additional Information to tenderers

If bidders need any more information regarding this tender please feel free to contact:

Mr. Jitendra Reddy

Unit Leader Procurement & Inventories

2 Marlow Street, Suva,

Fiji.

Phone: +679 3224 360

Email: JReddy@efl.com.fj

Closing Date

Submissions close at **04.00 p.m. (16.00hrs Fiji time) on 31st March, 2021** at EFL's Head Office in Suva. Submissions are to be uploaded in the Tender link e-Tender Portal and hard copy to be deposited in a sealed envelope at this location prior to the specified time and marked (**refer Tender Submission Clause**):

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IPP PROPOSALS - Waste to Energy Power Plant at Naboro

Secretary - Tender Committee

Energy Fiji Limited

2 Marlow Street

Suva, Fiji

- Late submissions will not be accepted.
- All submissions shall be in the English language.
- Hard copies will be accepted if the electronic copy is uploaded onto the Tender Link Website prior to closing date.
- Bidders shall submit 2 hard copies of their proposal with one soft copy on Tenderlink portal

Costs

All costs of preparing the submission shall be borne by the bidders.

Enquiries

All enquiries shall be directed to:

Jitendra Reddy

Unit Leader Procurement & Inventories

2 Marlow Street, Suva,

Fiji

Phone: +679 3224 360

Email: JReddy@efl.com.fj

Tender Check List

(To be filled, signed and submitted with the tender Proposals/Documents)

Tender Number: _____

The following information has to be filled by the bidder and submitted with the tender Documents:

1. Company Name: _____

2. Director/Owner(s):

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

2 (A) Email addresses for official communication: (maximum 2)

1. _____ 2. _____

(Note: All communication related to this tender will be sent to the above email provided by the bidder.)

3. Postal Address:

4. Phone Number/s:

5. Fax Number:

6. Office Location:

7. Tin Number:

8. Company Registration Number:

9. FNPF Employer Registration Number:

10. Number of Branches & Locations:

11. Years of Experience:

12. Tax Compliance Certificate:

Bidders are requested to submit a:

- Valid Tax Compliance Certificate
- FNPF Compliance Certificate

I declare that all the above information is correct. (To be signed by the authorized person)

Name: _____

Position: _____

Sign: _____

Date: _____

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Tender Submission - Instruction to bidders

It is mandatory for Bidders to upload a copy of their bid in the TENDER LINK Electronic Tender Box no later than 4.00pm (1600hrs Fiji Time) Wednesday 31st March, 2021.

To register your interest and tender a response, view 'Current Tenders' at:
<https://www.tenderlink.com/efl>

For further information please contact Jitendra Reddy by e-mail
JReddy@efl.com.fj

In additional, hard copies of the tender, one original and one copy must be deposited in the tender box located at the EFL Head Office, 2 Marlow Street, Suva, Fiji no later than 1600hrs Wednesday 31st March, 2021- Addressed as

Tender - MR 28/2021 - IPP Proposals - Waste to Energy Power Plant at Naboro

The Secretary Tender Committee
Energy Fiji Limited
Head Office
Suva
Fiji

Hard copies of the Tender bid will be accepted after the closing date and time provided a soft copy is uploaded in the e-Tender Box and it is dispatched before the closing date and time.

Tenders received after closing time 4.00pm (1600hrs Fiji Time) Wednesday 31st March, 2021.

- Will not be considered.
- Lowest bid will not necessarily be accepted as successful bid.

It is the responsibility of the bidder to pay courier charges and all other cost associated with the delivery of the hard copy of the Tender submission.

The Tender Bids particularly the “Price” must be typed and not hand written.

(Tender Submission via email or fax will not be accepted)