



Fiji Electricity Authority

Request for Proposal

Fiji Electricity Authority

Expression of Interest (EOI) 2-5MW Solar Farm

Request for Proposal

October 2015



Definitions:

EOI: Expression of Interest

TOR Terms of reference for the works

Tenderer: The company or consortia that is providing a submission in response to this RFP document

FEA: Fiji Electricity Authority, 2 Marlow Street, Suva, Fiji

Works The project, assignment

IPP Independent Power Producers

PPA Power Purchase Agreement

1. Background

The Fiji Electricity Authority (FEA)

The FEA is a wholly Government of Fiji owned statutory body that was established under the Electricity Act of 1966. It is supervised by a Board of eight members comprising a Chairman, Deputy Chairman, the Chief Executive Officer of FEA, the Permanent Secretary of Public Utilities, the Permanent Secretary of Finance, and representatives of Business and Consumer Groups. All members are appointed by the Minister of Public Utilities except for the Chief Executive of FEA, who is appointed by the Board with approval of the Minister. The Management team of the FEA consists of Chief Executive, Chief Finance Officer, General Manager Human Relations, General Manager Generation, General Manager Network, General Manager Customer Services, Chief Information Officer, General Manager Major Projects & Strategy and General Manager Commercial.

FEA maintains power supply systems on the larger islands Viti Levu, Vanua Levu and Ovalau, which account for some 90% of the country's population. Installed generation capacity is approximately 218MW, comprising 83MW in the Monasavu Hydro Scheme in Viti Levu, 40MW in the Nadarivatu Hydro Scheme, and about 94MW of diesel capacity in 12 stations on the three main islands. Of the diesel capacity 77MW is on Viti Levu which has been supplementing the Monasavu hydro scheme for the Viti Levu Interconnected System (VLIS) which has been reaching maximum demand of 132MW. Transmission is provided by 140km of 132kV lines (connecting Wailoa Power Station to the East and West coasts) and about 266km of 33kV lines. Power distribution is by means of more than 5,000km of 11kV and 415/240V lines.

2. Project Overview

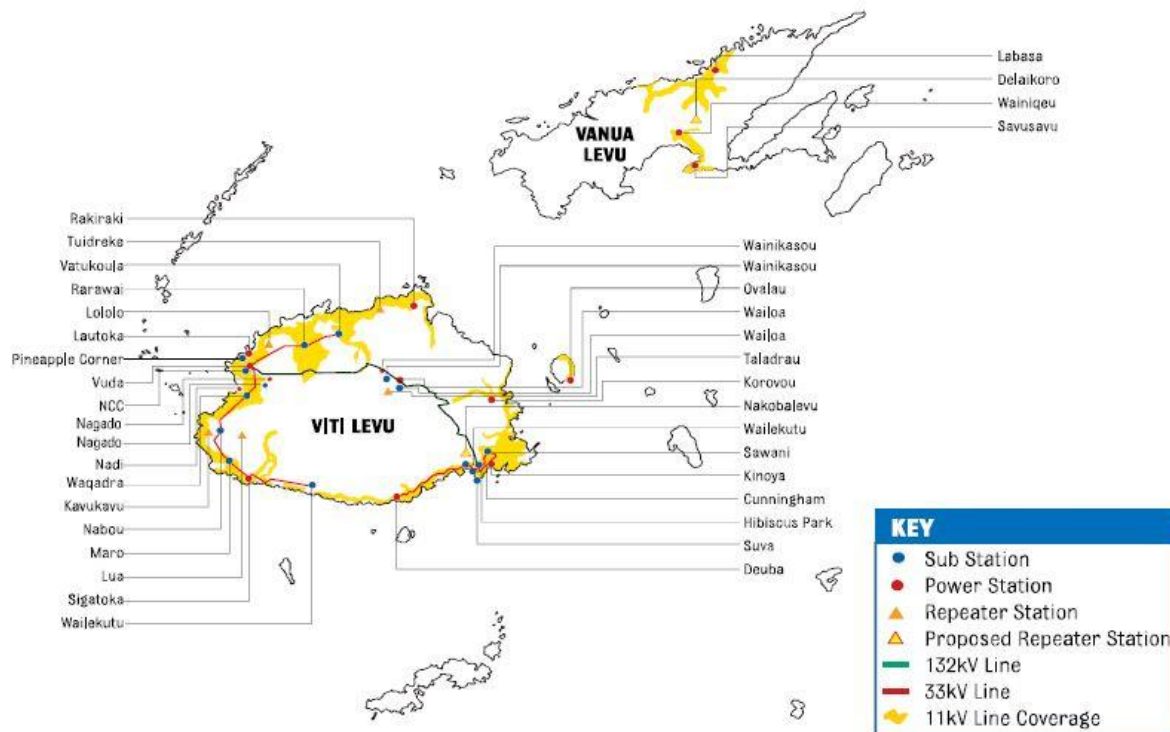
Project Drivers

FEA has embarked upon an ambitious program of development in order to fulfil its strategic objectives. These include development of new generating and power system projects as well as improving reliability and capacity-building for future load growth. The FEA plans to almost double the generation capacity of Fiji over the next five years in order to meet continuing demand growth and intends that this additional capacity will be provided by renewable or at least non-polluting resources.

Recent load and system forecasts conducted both internally and by ADB, have shown that peaking capacity will not be adequate by 2011 if standard operational parameters for spinning reserve are followed. Further the generation capacity planning undertaken by FEA and the resultant least-cost long-term capacity plan to meet system demand indicated that FEA must tap into all potential renewable energy sources, provided they could be economically justified.

The FEA have also been in discussions with a number of Independent Power Producers (IPPs) over the years for the construction/setup of renewable energy generation plants. Many of these proposals happen to be biomass and solar powered generation. In addition, the FEA have signed Power Purchase Agreement (PPA) with four (4) IPP to generate electricity through biomass totaling about 37MW and a potential 40MW biomass plant is under discussion.

Due to the high number of IPP's proposing to install solar farm, the FEA have now decided to call for Expressions of Interests (EOI) for solar generation plants at specific locations/sites connecting to the FEA grid. For system stability the FEA grid is only able to accommodate 2-5MW of solar generation. The FEA prefer that the IPP set up a Hybrid System to accommodate Solar and Gas combination to ensure continuous generation. The solar and diesel combination will not be preferred as the diesel portion can be provided by FEA.



(Source: Power Development Plan (2011-2020), FEA)

Objective of the EOI

1. The EOI report shall include a preliminary technical description of the proposal and include, but not limited to, discussions on the following:
 - a. Description of the proposal
 - b. The Hybrid combination
 - c. Location of the proposal
 - d. Plant Capacity(MW)
 - e. Deemed Quantity per year (MWh)
 - f. Operating Regime (Hours per Day)
 - g. Power evacuation
 - h. Energy and economics.
 - i. Discussion on tariff.
2. Any request for additional information, site visit or investigations shall be made well in advance so that submission deadlines are met.
3. In addition to the above information the FEA IPP Checklist must be filled and completed as below

Item N	DESCRIPTION	Yes/No	SIGNATURE	COMMENTS
1	Sign the Non-Disclosure Agreement			
2	Is the proposal a proven technology and has been operating for many years			
3	Has the IPP been operating the proven technology for many years			
4	Where is this proven technology operating			
5	Does the IPP has the technical capability to operate and maintain the power plant			
6	Provide evidence of financial capability			
7	A certificate of registration from Investment Fiji for Overseas Investors			
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			
10	Names of Local Directors			
11	Tax Identification Number of the IPP (TIN)			
12	Memorandum and articles of Association			
13	Copy of last annual return of the company			
14	Banker's reference on each shareholder			
15	Copy of financial statements			
16	A brief description should also be provided of the type of project envisaged where the project will involve a source of fuel, the description is to include type of fuel and how this is to be sourced			

3. Insurance

Certificates of insurance including any Professional Indemnity Insurance cover are to be submitted.

4. Evaluation Methodology

RFP submissions will be checked for completeness, firms that fail to submit all information required above may not be considered for award.

5. Additional Information to tenderers

FEA Project Manager

The FEA Project Manager for this Assignment shall be

*Mr Eparama Tawake
General Manager Generation
Head Office, Suva*

Closing Date

Submissions close at **4.00 pm (Fiji) Time on 25th November 2015** at FEA's Suva office. Submissions are to be received at this location in an envelope prior to the specified time and marked:

EOI 02/2015
*RFP for 2-5MW Solar Farm
Secretary Tender Committee
Fiji Electricity Authority
2 Marlow Street
Suva, Fiji*

- Facsimile submissions will not be accepted.
- Late submissions will not be accepted
- All submissions shall be in the English language.
- Electronic copies will be accepted if the hardcopy is received prior to closing date.
- All proposals shall be in a single bound hard copy with one soft copy on CD

Costs

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

Enquiries

All enquiries shall be directed to:

*Tuvitu Delairewa
General Manager Corporate Services
2 Marlow Street, Suva*



Phone: + 679 331 1133
Facsimile:+ 679 331 1882
Email: TDelairewa@fea.com.fj

Notification and Award

Following FEA board approval, tenderers will be advised, by letter, whether they have been successful or not. Tenderers will be able to debrief with the evaluation team should they so request, however the scoring information will not be released to any of the tenderers at any time.

Notwithstanding any other provision of this document, FEA reserves the right to:

- Accept or reject any proposal
- Seek clarification of any aspect or information provided in a RFP document and to seek further information from any party
- Amend the closing date for submission of RFP or any other date referred to or implied in this invitation for RFP.
- In whole or in part, suspend or cancel this Invitation for RFP process and/or the overall process
- Re-advertise this invitation for RFP.

EOI 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, on Wednesday 25th November, 2015.**

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

For further information contact The Secretary Tender Committee, by e-mail
TDelairewa@fea.com.fj

In additional, two hard copies of the EOI, one original and one copy must be deposited in the tender box located at the FEA Head Office, 2 Marlow Street, Suva, Fiji no later than **4:00pm, on Wednesday 25th November, 2015.** - Addressed as

EOI 02/2015 – Expression of Interest (EOI) for 2MW - 5MW Solar Farm

**The Secretary Tender Committee
Fiji Electricity Authority
Head Office
Suva
Fiji**

- **Hard copies of the EOI bid will also 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.**
- **EOI received after 4:00pm on the closing date of Wednesday 25th November, 2015 will not be considered.**
- **It is the responsibility of the bidder to pay courier chargers and all other cost associated with the delivery of the hard copy of the EOI submission.**