RCEA 2019 Renewable Portfolio Standard

 Request for Proposals (RFP) Questionnaire

Response Deadline: March 25, 2019, 4 pm PT

Email questions/comments to: 2019\_RPS\_RFP\_Questions@redwoodenergy.org

Please limit your questionnaire response to 20 pages maximum. Requested items such as audited financial statements may be included as attachments and are not included in this page limit. Use 1” margins and minimum font size of 11 point in your response. Your questionnaire response should be submitted as a Microsoft Word file. Attachments may be submitted in Word or in other common formats such as PDF or Microsoft Excel. Provide responses numbered in the same sequence as the questions below.

**Company Information**

1. Describe the ownership structure of the company. Additionally, provide details on the company’s finance structure, credit rating, and access to capital. Include the company’s most recent audited financial statements, preferably through calendar year 2017 or later.
2. Describe relevant technical experience of key personnel, how long they have been with the company and their backgrounds.
3. Detail experience developing, financing, building and operating renewable energy facilities of a similar size and technology in California, including the county where the facility is located and discretionary permitting required, as well as experience with multi-craft Project Labor Agreements (PLAs), if applicable. Please summarize the firm’s portfolio of projects in operation, under contract, under construction and in late stage development, highlighting those facilities located in California, and in Humboldt County and the surrounding Preferred Area described in the RFP, if applicable. Please also include:
* Experience contracting with public agencies.
* A list of references including contact names and telephone numbers for representative renewable energy projects.
* Employment of workers and utilizing businesses from the local region.

**Resource Information**

1. Provide a high-level description of the facility, its general location, and a summary of its operation. Describe the current land use designations for all facility and adjacent parcels/properties, with emphasis on identification of any prime agricultural or timber lands. (See RFP for mapping tools specific to Humboldt County. Development on existing brownfield or grayfield lands, such as old mill sites, is encouraged.) Describe any planned development or maintenance activities that utilize local labor resources.
2. Description of Generation Facility

A. For existing facilities only: Please provide:

1. A to-scale site map of the generating facility showing the arrangement of all major components of the facility with the name of the facility, nameplate capacity, longitude and latitude of the centroid of the generating facility clearly labeled, in addition to labeling major cross streets and clearly marking the outer boundary of the facility, all Assessor Parcel Numbers (APNs) included in and adjacent to the facility;
2. A Single Line Diagram which includes the point of interconnection on the electric distribution system; and
3. Documentation that the facility is certified by the California Energy Commission (CEC) as an Eligible Renewable Resource (ERR).

B. For new facilities only: Using the instructions and format from Appendix III of the standard Power Purchase Agreement (PPA) as a guide, provide information on the following:

* 1. **Milestones –** for each milestone identified in the PPA cover sheet, provide expected date of completion, and/or remedial action plan in cases of delay
	2. **Governmental Approvals –** provide information on each of the Governmental Approvals required for the construction of the facility and the status thereof, with written acknowledgment by the relevant land use authority that a permit application for the facility has been received, if available.
	3. **Financing** – provide summary of each major financing activity
	4. **Property Acquisition -** include the date of (planned or actual) execution of significant documents for property acquisition and site control activities for the facility. (Documentation demonstrating full site control via ownership, lease or an option to lease is required upon PPA execution. Any site lease shall reflect a term length no less than the delivery term of the PPA.)
	5. **Design and Engineering** - provide a list of each major design or engineering activity needed to complete the facility. Also include the conceptual design of the facility, including site map with APNs and nearest roads/cross streets, nameplate capacity, with a Single Line Diagram showing proposed generating facility’s connection to the grid.
	6. **Major Equipment procurement** - include information on all major equipment to be procured for all portions of the facility.
	7. **Construction -** identify each major construction activity for all portions of the facility.
	8. **Interconnection** – provide information on interconnection-related factors that may affect the ability of the facility to deliver product.

NOTE: Full execution of an Interconnection Agreement with the utility shall be a condition included in the final PPA consistent with *Article Three: Obligations and Deliveries.*

* 1. **Startup –** include information on the status of activities related to preparation for Commercial Operation, including equipment testing, commissioning, release to operations, requirements of the grid operator, and any other activities that must be conducted before the facility may deliver energy to the grid and/or declare Commercial Operation.
	2. **ERR status of the project (not part of Appendix III of the PPA)** – provide information on the status of obtaining ERR certification by the CEC for the facility.
1. RCEA is interested in proposals that address the following market risks:
	* Exposure to varied market conditions (e.g., negative market prices, constrained market events caused by ramping, etc.);
	* Uncertainty of intermittent product deliveries; and
	* Potential expansion of CAISO to a regional market.

With these factors in mind, answer the following questions:

* 1. Describe what flexibility RCEA would have to shape energy deliveries for purposes of bidding into the CAISO day-ahead market.
	2. Characterize the capability of the facility to receive CAISO communications and ability to respond to curtailment instructions from the CAISO for reliability or economic reasons in the real-time market.
	3. Define any operational limitations on economically bidding the resource in the day-ahead and real-time markets and responding to CAISO dispatch instructions.

**Compliance**

1. Has any company, partner, or subsidiary in this venture, or any corporate officer, been the subject of any civil or regulatory enforcement action, order, decree, or notice of violation of any laws, regulations, or permits? If an answer is "yes," please explain fully including how the issue was resolved.
2. Have any of your company’s (including affiliates, subsidiaries, and partnerships) facilities been cited by any regulatory agency (local, state, or federal) for violations of regulations or laws at any time during the past 5 years?

**Safety**

1. Provide information detailing the worker safety record for the past five (5) years for the company and its affiliates in California or other State(s) where it operates.

**Additional Information**

1. Provide any additional company, contract, market or other information Proposer believes may be useful to RCEA as it investigates the potential for contracting with renewable energy facilities.