



Request for Proposals

Site Evaluation and Economic Feasibility to Develop Solar PV + Battery Energy Storage System or Standalone Battery Energy Storage System

Kings River Conservation District, a California Public Agency, is seeking proposals from qualified vendors to provide site evaluation and economic feasibility consulting services for the development of solar + storage or stand-alone storage at a location owned by KRCD in Fresno County.

Responses are due by ~~October 25, 2022, 5:00 p.m. Pacific Standard Time.~~ *Extended to November 30, 2022, 5:00 p.m. Pacific Standard Time*

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1 RFP OVERVIEW

Kings River Conservation District issues this Request for Proposals (RFP) to seek offers from qualified providers of renewable evaluation services of property owned by KRCD in Parlier, CA (Fresno County). The project is expected to be solar photovoltaic (solar PV) coupled with a Battery Energy Storage System (BESS) or stand-alone BESS. The key scope of work will be to independently inform the potential deployment of solar + storage / stand-alone storage but does not include deployment, ownership, or operations. More broadly, this project seeks to develop learnings and methods to achieve development at a 31-acre location owned by KRCD.

KRCD will evaluate the offers received from this RFP and negotiate and execute a contract with the selected Respondent according to the schedule herein. If required, the contract may be taken to KRCD's Board of Directors for final approval.

This RFP-

- Provides general background on Kings River Conservation District
- Describes the service sought by Kings River Conservation District (scope of work)
- Provides an opportunity for Respondents to describe their qualifications and experience and explain how they can contribute to services requested.

2 ABOUT KRCD

The Kings River Conservation District (KRCD) is a public agency created in 1951 by virtue of the Kings River Conservation Act. KRCD was formed to act as the local agency responsible for the operations and maintenance of the US Army Corps of Engineers flood control project downstream from Pine Flat Dam to allow the safe passage of flood water in the Kings River channel. Further, the District was licensed in 1979 by the Federal Energy Regulatory Commission to construct and operate the Jeff L. Taylor Pine Flat Hydroelectric Project, owned by the KRCD located at Pine Flat Dam, a 165-megawatt run-of-river facility.

KRCD was instrumental in the Community Choice Aggregation (CCA) development within California. While a CCA was attempted by KRCD and unfortunately did not come to fruition, KRCD successfully shaped Senate Bill 790 to help allow the CCA process to work throughout California.

In 2004, KRCD entered a ten-year Power Purchase Agreement with the CA Department of Water Resources – California Energy Resource Scheduling to develop, own, and operate a 100MW gas turbine peaking facility (Malaga Peaking Plant) and achieved commercial operation September 2005. Due to market risk assessment, KRCD started a sale process of the Malaga Peaking Plant mid-2014, successfully closing a deal with the Carlyle Group April 2015.

KRCD has historically studied opportunities for new power generation resources that provide a benefit back to the community. Currently, KRCD is working on the development of a small hydroelectric resource at its existing hydroelectric facility, with a goal is to have this

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renewable 7MW resource operational by 2025.

As part of its mission, KRCD is committed to the following:

- Investigate and develop, if feasible, projects and methods that:
 - Expand electrical generation capacity for KRCD.
 - Provide more cost-effective energy options for KRCD constituents.

KRCD is a trusted resource agency, to learn more, please go to www.krcd.org.

3 RFP SCHEDULE

Respondents are asked to provide basic information about their experience and prior work particularly relevant to the successful completion of this type of project, including pricing. KRCD will conduct a review of responses and, will select a proposal based on qualifications, experience, and pricing.

It is KRCD's goal to advance this RFP to conclusion as expeditiously as possible. The following represents KRCD's best estimate of schedule at the time of RFP writing and is subject to change, with appropriate notification to respondents.

RFP Stage	Event	Date
1	RFP Released. Question and Answer period open. Interested parties may submit questions and KRCD will post answers publicly on a rolling basis.	September 27, 2022
2	Deadline for submission	November 30, 2022, 5:00 PM pst
3	KRCD notifies Respondents that have been selected for interviews	By December 5, 2022
4	Interviews	By December 12-16
5	KRCD completes final selection and notifies selected Respondent	By December 20, 2022
6	Contract negotiation and finalization	By December 30, 2022
9	Project kickoff	By January 5, 2023

- **Questions & Answers:** Respondents may submit questions concerning the RFP to Charlotte Gallock, Chief Engineer at cgallock@krcd.org per the schedule outlined above.
- Please submit any questions with "Question: [Respondent name]" in subject line.

4 PROPOSAL SUBMITTAL

Proposals must be received per the schedule above and submittal must be emailed to Charlotte Gallock at cgallock@krcd.org by 5:00 p.m. Pacific Standard Time on ~~October 25,~~ November 30, 2022. Only electronic submittals will be accepted.

By participating in KRCD's RFP process, a Respondent acknowledges that it has read, understands, and agrees to the terms and conditions set forth in these RFP instructions. KRCD reserves the right to reject any offer that does not comply with the requirements identified herein. Furthermore, KRCD may, in its sole discretion and without notice, modify, suspend, or terminate the RFP without liability to any organization or individual. The RFP does not constitute an offer to buy or create an obligation for KRCD to enter into an agreement with any party, and KRCD shall not be bound by the terms of any offer until KRCD has entered into a fully executed agreement.

5 CONTENT OF RESPONSE

Interested Respondents must submit the following to be considered for awarding of this proposal:

1) Response:

- Company background, experience, and projects successfully completed.
- Attach resume of licensed professional engineer that will be assigned to project along with key personnel
- How you would meet the key activities called out in Section 10 of the RFP

2) Certificates of Insurance Required if Selected:

- Commercial General Liability – for bodily injury, property damage, and personal injury \$1,000,000 – each occurrence \$2,000,000 – in aggregate
- Business Automobile Liability – “any auto” (Company Vehicles) – At least \$1,000,000
- Personal Automobile Liability – “any auto” (Personal Vehicles) – At least \$500,000
- Worker's Compensation and Employer's' Liability (EPL)– injury or death, each accident, of at least \$1,000,000 (EPL not required for Sole Proprietor)

6 REVIEW AND SELECTION PROCESS

Evaluation will be based on a combination of quantitative and qualitative criteria. KRCD will evaluate each Offer against these criteria and select a subset of Offers to move to interviews of potential consultants. The most qualified individual or firm will be recommended based on the overall strength of each proposal, and the evaluation is not restricted to considerations of

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any single factor such as cost. The criteria used as a guideline in the evaluation will include, but not be limited to, the following:

- Qualifications and experience of the Respondent, including capability and experience of key personnel to provide described services
- Ability to meet timelines or other requirements
- Assessment of ability of Respondent to be innovative, flexible, proactive, and collaborative in its work and working relationship with KRCD and its project partners
- Cost to KRCD for the primary services described by this RFP
- References
- Existence of and circumstances surrounding any claims and violations against you or your organization

7 AGREEMENT TERMS

Awardees will be required to enter into a contract using KRCD's standard contract terms, which can be found in Appendix A. Modification of the contract terms may be proposed by the Respondent for consideration by KRCD but are not guaranteed to be accepted. Rejection of the final terms from KRCD is grounds for disqualification. Respondents are required to provide any redlines to the standard terms ahead of the interview phase.

8 KRCD's LEGAL OBLIGATIONS

KRCD is not obligated to respond to any offer submitted as part of the RFP. All parties acknowledge that KRCD is a public agency subject to the requirements of the California Public Records Act, Cal. Gov. Code section 6250 et seq. KRCD acknowledges that another party may submit information to KRCD that the other party considers confidential, proprietary, or trade secret information pursuant the Uniform Trade Secrets Act (Cal. Civ. Code section 3426 et seq.), or otherwise protected from disclosure pursuant to an exemption to the California Public Records Act (Government Code sections 6254 and 6255) ("Confidential Information"). Any such other party acknowledges that KRCD may submit to the other party Confidential Information. Upon request or demand of any third person or entity not a party to this RFP ("Requestor") for production, inspection and/or copying of information designated as Confidential Information by a party disclosing such information ("Disclosing Party"), the party receiving such information ("Receiving Party"), as soon as practical but within three (3) business days of receipt of the request, shall notify the Disclosing Party that such request has been made, by telephone call, letter sent via email and/or by US Mail to the address or email address listed in Section 4 of this RFP. The Disclosing Party shall be solely responsible for taking whatever legal steps are necessary to protect information deemed by it to be Confidential Information and to prevent release of information to the Requestor by the Receiving Party. If the Disclosing Party takes no such action, after receiving the foregoing notice from the Receiving Party, the Receiving Party shall be permitted to comply with the Requestor's demand and is not required to defend against it.

9 GENERAL TERMS AND CONDITIONS

1. **KRCD's Reserved Rights:** KRCD may, at its sole discretion: withdraw this Request for Proposal at any time, and/or reject any or all materials submitted. Respondents are solely responsible for any costs or expenses incurred in connection with the preparation and submittal of the materials for this RFP.
2. **Mutual Non-Disclosure Agreement (MNDA):** The awarded party will be required to enter an MNDA with KRCD.
3. **No Guarantee of Contract:** KRCD makes no guarantee that a Respondent submitting a proposal will result in a contract.
4. **Response is Genuine:** By submitting a response pursuant to this RFP, Respondent certifies that this submission is genuine, and not sham or collusive, nor made in the interest or on behalf of any person not named therein; the submitting firm has not directly or indirectly induced or solicited any other submitting firm to put in a sham bid, or any other person, firm or corporation to refrain from submitting a submission, and the submitting firm has not in any manner sought by collusion to secure for themselves an advantage over any other submitting firm.

10 DETAILED PROJECT DESCRIPTION AND SCOPE

Project Overview

KRCD is seeking the assistance of an engineering consulting firm with strong experience in site evaluation for Solar PV and BESS to support the procurement of these technologies at a 31-acre site owned by KRCD. The selected Respondent will work directly and collaboratively with staff at KRCD in performance of key activities. KRCD will work to implement this project as expeditiously as possible.

The selected Respondent will act as an independent engineering consultant on economic evaluation of Solar PV + BESS or stand-alone BESS project development from concept to deployment, but will not itself deploy, operate, or manage the project site. If determined feasible, a separate RFP will be conducted utilizing outputs from the scope of work here to contract vendors for engineering, procurement, and construction. Please note that a Respondent entering into a contract for this project with KRCD would be ineligible to participate in a follow-on procurement solicitation for this project. It is expected, however, that the selected Respondent here may be retained to provide independent support and evaluation as Owners Engineer for KRCD to implement the selected alternative.

Scope of Work

The primary goal of these efforts is that the solar + storage systems (expected to be solar PV coupled to a BESS), or standalone BESS, are safely and economically deployed at the project site. These systems will be operated primarily to:

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- Provide dispatchable renewable energy that helps meet clean energy targets, through power purchase agreements or other potential opportunities.
- Provide resiliency backup for critical loads in the event of grid outages, if applicable to site
- Provide opportunities to allow greater flexibility with KRCD's run-of-river project i.e. Hydro integrated with BESS.
- Provide benefit to disadvantaged communities within the KRCD service area.

Key Activities

Key activities to complete the Scope of Work are noted below. Note that these are proposed as a guide, but Respondent should use its own expertise to determine any other key activities required in support of the overall project goal.

Key Activities include:

- Conduct site visit of the Parlier location.
- Evaluate potential interconnection options. This includes identification and preliminary cost estimation for any required electrical equipment, assessment of likelihood of interconnection approval by CAISO / PG&E, expected timeline, and potential upgrade costs.
- Develop site alternatives and evaluate physical and economic feasibility of each alternative, including potential ongoing operation and maintenance of project.
- Identify and evaluate regulatory and permitting requirements, costs, and any required facility upgrades or other costs to obtain necessary permits and licenses.
- Estimate financial revenues for considered configurations over the course of equipment lifetime and development of a financial model including the estimated ongoing operations and maintenance costs and debt service.
- Estimate monthly production of energy delivered to electric grid that accounts for any site-specific attributes that would affect onsite generation.
- If feasible, create bid package and specifications, which shall include drawings, diagrams, notes, and report(s) that characterize the proposed deployment and provides sufficient information for a vendor to provide a high confidence bid on the project. For the purposes of clarity, this is not to develop documentation as if for an Engineering, Procurement and Construction (EPC) contract. This is a minimum-but-sufficient level of documentation for the purposes of an equipment vendor providing an accurate bid, as if the Distributed Energy Resource (DER) vendor itself had done the site walkdown to prepare a bid.
- If feasible, assist in the response to potential renewable requests for offer and contract negotiations with potential entities.

ⁱ KRCD planned the development of a large frame gas turbine at this location under our Community Choice Aggregation program. Several elements of this project were completed or in process prior to the 2009 CEC Notice to Withdraw (<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=07-AFC-07>) including the CEC Application for Certification, CAISO Interconnection Impact Study Plan and several environmental / regulatory components. In 2016, a high level preliminary interconnection assessment was performed on the distribution circuit associated with the property.