



Request for Proposals

Locally-Sited

Engineering and Design work for two Distribution Level Front of the Meter Standalone Energy Storage Systems

Issuance Date: November 27, 2023

Response Deadline: December 11, 2023, 5:00 PM PDT

Contents

1. General Information

As part of Central Coast Community Energy ("3CE") Front of the Meter Energy Storage ("FMES") initiative, two sites have been secured to install Battery Energy Storage Systems ("BESS") sized between 3 MW and 4.5 MW. The FMES initiative was launched in late 2021, and its goal is to install small scale energy storage systems within the 3CE service area to increase local resiliency and grid reliability.

3CE as a public agency is adhering to the California Public Contract Code by employing Design-Bid-Build ("DBB") as the project delivery approach. This RFP is seeking to award to an engineering design firm. The awarded design firm will be responsible for the deliverables described in § 2.1 for the two (2) sites.

3CE intends to use the documentation prepared by the awarded design firm to conduct a subsequent and separate independent competitive solicitation to identify and select a qualified contractor to procure and install the batteries.

1.1. Request for Proposal ("RFP") Purpose

3CE seeks competitive proposals limited to engineering and design work only, for two locally sited front of the meter storage projects interconnected at the distribution level (3.0 MW and 4.5 MW). See Exhibit A & B for site specific details. 3CE has entered into two small generator interconnection agreements ("SGIA") with Pacific Gas & Electric for these two sites, located in Santa Cruz County.

The selected professional will be responsible for delivering the project outcomes in accordance with the scope, schedule, budget, and quality standards specified in the RFP. 3CE will not be liable for any errors, omissions, delays, or deficiencies in the project outcomes caused by the selected professional or its subcontractors. The selected professional will indemnify and hold harmless 3CE from any claims, damages, losses, or expenses arising from or related to the project outcomes.

Proposals may be structured in the following way:

- **Proposal** Complete engineering and design work for two locally sited standalone front of the meter energy storage systems.

By "front of the meter (FOM)", 3CE means projects interconnected directly into the distribution system, visible to the Distribution System Operator and the CAISO. For avoidance of doubt, projects shall not be interconnected behind a retail or customer meter.

Each proposal must meet the requirements as defined in this RFP.

RFP Website

This RFP is posted on 3CE's website and available for review.

RFP Administrator

The Administrator for this RFP is Deanna Fernandez, 3CE's Energy Contracts and Compliance Manager.

The RFP Administrator's responsibilities include (i) acting as a liaison between the participants in this RFP and 3CE on all RFP-related matters, (ii) ensuring that Bidder questions to 3CE are addressed in an appropriate manner, (iii) receiving, recording, and maintaining Bidder proposals, (iv) and managing other administrative matters relating to this RFP.

All questions, requests, and other inquiries or communications from or on behalf of Bidders to 3CE about this RFP must be directed in email to the RFP Administrator.

Email: PSsolicitations@3CE.org

The statements contained in this RFP are made subject to the Reservation of Rights set forth in Appendix C of this RFP and the terms and acknowledgements set forth in the Proposal Submission Agreement.

2. RFP Overview

2.1. RFP Eligible Proposals

The RFP requirements for the proposal are outlined below.

Limited to Complete Engineering and Design proposals only for two standalone battery storage projects.

3CE is seeking proposals from qualified and experienced engineering firms with the capability to design and engineer two energy storage project that 3CE will own and operate to support our reliability needs and participate in CAISO markets.

Products Sought

Civil & Structural Deliverables	<ul style="list-style-type: none"> • General Notes • Existing conditions and demolition plan • Site plan • Grading & Drainage details • Erosion & Control Plan • Concrete pad equipment details/foundation • Apron and driveway plans • Fence plans & details • Hydrology Report • SWPPP report as project QSD • Steel pile design • Shallow foundations
Electrical Deliverables	<ul style="list-style-type: none"> • General Notes • Equipment layout / site plan • Electrical connection diagram • Equipment pad details • Overhead line details • Grounding Diagram • System Labels • Major equipment BOM • Single-line diagram • Three-line diagram • Substation ground grid • Conduit plans & cable schedule • Lighting plan & photometrics • Title 24 compliance • Power system study calculation: <ul style="list-style-type: none"> • Neher McGrath for underground cable sizing • Cable pull calculations • Short circuit study • AC arc flash study • DC arc flash study for energy storage batteries • Step & touch potential calculations per IEEE 80
Fire Package	Fire setbacks and clearances/Fire risk mitigation Fire fighter access Fire clearing procedure/protocols

The foregoing is not intended, and should not be construed, as an exhaustive listing of important commercial terms resulting from this RFP.

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3. Proposal Submission

The Proposal Submission Process requires each Bidder to submit to 3CE a Proposal by 5:00 p.m. PDT on December 11, 2023.

All proposals must be submitted in email form to the following email address:

PSsolicitations@3ce.org

4. Proposal Evaluation

4.1. Proposal Requirements

The following is a list of requirements for Proposals to be considered compliant and eligible in this RFP process:

- a) Proposals must be received by 5 p.m. PDT on December 11, 2023.
- b) Proposal must be received in pdf format.
- c) After receipt of proposals, 3CE may contact vendors to request clarification about unclear portions of proposals. Vendors will have 5 days to respond back to 3CE or the proposal will be removed from consideration.

4.2. Evaluation and Shortlisting Process

All compliant proposals will be scored by a committee comprised of members of 3CE staff and ranked based on the expected value, developer experience.

4.3. Notification of Evaluation Results and Commercial Negotiations

After the completion of the evaluation, the RFP Administrator will communicate to each Bidder the status of its proposal and whether additional discussions or negotiations are warranted.

Placement of a proposal on the Shortlist does not constitute or indicate acceptance by 3CE of any proposal, any term thereof, or any related contract term. 3CE (i) has no obligation and makes no commitment of any kind to enter into a Transaction with any Bidder, including a Bidder with a proposal on the Shortlist, or to be bound by any term proposed by Bidder, and (ii) has no obligation or liability with respect to a Transaction or arising out of this RFP.

5. Standard Agreement

3CE intends to use a Standard Services Agreement as the form Agreement (Attachment 1), which will be used for the selected vendor.