

**#24-001**  
**San Diego Community Power (SDCP)**  
**Energy Trading Risk Management (ETRM)**  
**Request for Proposals (“RFP”) Responses to Proposer Questions**

**1. Can SDCP provide more detailed technical requirements regarding the requested ETRM Solution?**

**Response:** In SDCP's ETRM RFP Announcement (Section V.B), SDCP is requesting Technical and Cybersecurity Requirements from proposers to better understand the capabilities of each Proposer's ETRM solution. SDCP does not have specific requirements to share at this stage and will evaluate all submissions based on their responsiveness to Attachment B Technical and Cybersecurity Requirements.

**2. Is experience with CCA’s or CAISO required? We have some experience in other markets with PPA’s and the like but none with a ‘full trading book’ in the USA.**

**Response:** SDCP welcomes Proposals from any Proposer that does not have experience working with CCA’s or CAISO. Proposers should identify in their Proposal response what markets they have experience in, specifically in the General Qualifications and Key Personnel section and the Experience section of their Proposal. That being said, proposals with experience working in CAISO and/or with CCAs will score better on the relevant experience and qualification criterion.

**3. Is the 3-month Proof-of-Concept period negotiable in terms of proposers being compensated for the period?**

**Response:** SDCP's ETRM RFP (Section V.B) states, “SDCP expects the services and access provided during the Pilot Proof-of Concept period to be complementary.” However, if the proposer believes that SDCP should incur costs during the Pilot Proof-of-Concept period, then they should state so in their Proposal response, specifically in the Proposed Budget and the Proposer’s Proof of Concept Pilot Plan.

**4. Is it worth submitting a proposal if we are not able to cover any of the optional secondary scope items? We have an open architecture that allows for integration and data sharing but no optimization or forecasting.**

**Response:** Yes, SDCP will consider Proposals that include just the Main Scope of Contemplated Services. SDCP’s ETRM RFP Attachment A notes that the Secondary Scope is optional if Proposer has responsive software offerings. SDCP will also consider Proposals that only offer the Secondary Optional Scope of Services or a subset of the Main Scope. However, proposals that cover more of the Scope in Attachment A will score better.

**5. Can you please elaborate more on project valuation requirements at the nodal level? How many nodes?**

**Response:** SDCP would expect project valuation at the nodal level to include all assigned and proxy nodes in CAISO, at a minimum.

**6. How many transactional (concurrent) users and read-only users will require access to the system? Can you provide a functional break down of the users? For example, there are 25 users in total, how does that break down by functional group - 10 traders, 5 accountants, 5 Risk, etc.**

**Response:** SDCP expects the following users for the first year of implementation (2025):

- Total: 11-20
  - Traders: 3-4
  - Contract Managers: 3-5
  - Settlements: 1-2
  - Risk: 1-2
  - Finance: 1-3
  - Admin: 1-2
  - IT: 1-2

**7. What is the total portfolio size you are expecting to optimize? What type of assets and contracts are you looking to optimize in ETRM system?**

**Response:** SDCP currently has almost one million active service accounts and serves a load of approximately 8,400 gigawatt hours (“GWh”) per year. The type of contracts and assets include, but are not limited to, Power Purchase Agreements, Energy Storage Service Agreements, Resource Adequacy Agreements, Renewable Portfolio Standard Attribute Agreements, and hedging contracts under an Edison Electric Institute or WSPP master agreement including Inter-SC Trades and TB4s.

**8. What type of trades do you execute – Physical or Financial Transactions? Do you have any PPA or structured transactions? What is the typical trade volume?**

**Response:** The type of contracts and assets include, but are not limited to, Power Purchase Agreements, Energy Storage Service Agreements, Resource Adequacy Agreements, Renewable Portfolio Standard Attribute Agreements, and hedging contracts under an Edison Electric Institute or WSPP master agreement including Inter-SC Trades and TB4s.

**9. Do you currently (or plan to) trade environmental products such as carbon credit or REC?**

**Response:** Yes, SDCP currently procures RECs via short-term and long-term contracts.

**10. What accounting system do you plan to integrate ETRM system with?**

**Response:** The accounting system that would be used by SDCP in 2025 moving forward is still to be determined. If the offering has limitations as to which accounting systems it can integrate with please note that in your proposal.

**11. What type of risk metrics do you currently use? Do you expect ETRM system to calculate risk measures & analytics (VaR, GMaR, CFaR, EaR, PFE)?**

**Response:** Currently, SDCP uses a range of risk metrics such as Value at Risk (VaR) and Gross Margin at Risk (GMaR) to assess its exposure. However, SDCP is interested in leveraging the capabilities of an ETRM system to enhance the risk calculations and streamline risk reporting.

**12. What price subscriptions (e.g. ZEMA, Platts) do you currently have?**

**Response:** This information is confidential. SDCP expect the ETRM system to have access to fundamental models and prices curves as well as allow for integration of SDCP's subscriptions.

**13. Do you transact directly with CAISO? Do you expect ETRM system to handle market communications and ISO settlement?**

**Response:** Currently, SDCP transacts with CAISO through its scheduling coordinator. SDCP does not require the ETRM system to handle market communications and ISO settlement, but if that functionality is available, please specify in your proposal.

**14. Do you transact directly with any exchanges (e.g. Nodal, ICE)? If you do, can you please provide the list?**

**Response:** SDCP currently does not transact directly with exchanges. If the ETRM system being offered has that functionality, please specify in the submission.

**15. How many contracts and counterparties do you have? What type of contracts/agreements do you currently manager**

**Response:** SDCP currently has contracts in the thousands with nearly one hundred counterparties. The type of contracts managed include, but are not limited to, Power Purchase Agreements, Energy Storage Service Agreements, Resource Adequacy Agreements, Renewable Portfolio Standard Attribute Agreements, and hedging contracts under an Edison Electric Institute or WSPP master agreement including Inter-SC Trades and TB4s.

**16. Can you elaborate further on what is required for the project valuation and impacts on portfolio under the scope of services?**

**Response:** The basic scope of this service is to provide a project level economic analysis, broken down into metrics such as net present value, MW or MWh normalized net present value, etc. In addition, the scope would include taking that project valuation and determining how it impacts SDCP's current portfolio in terms of risk metrics including but not limited to VaR, GMaR, CFaR, EaR, PFE.

**17. Could you specify the time range for load forecasting you require (e.g., short-term, medium-term, long-term)?**

**Response:** SDCP would be looking at month ahead, year ahead, and long-term load forecasting models.

**18. Are there specific benchmarks you expect from the load forecasting module?**

**Response:** Yes, if short-listed for load forecasting SCCP would benchmark performance against Mean Absolute Percentage Error (MAPE) from its current forecasts.

**19. How do you envision the load forecasting interacting with other ETRM components?**

**Response:** The load forecast would be integrated into the ETRM to forecast open positions and impacts of contracts on risk metrics including but not limited to VaR, GMaR, CFaR, EaR, PFE. Additionally, the load forecast would be used to forecast compliance obligations and SDCP's proforma financials.

**20. What are the objectives for battery optimization and dispatch?**

**Response:** To gain insights in battery asset operations to better plan and optimize their operations between charging, discharging, ancillary services and resource adequacy. Ultimately, to optimize the economics of the battery asset.

**21. Are there specific regulatory compliance requirements for contract management?**

**Response:** No.

**22. How do you envision the contract management module interacting with other ETRM components?**

**Response:** Contracts entered into the ETRM system that are long-term in nature (e.g., PPA, ESSA, etc.) would have integrations to other ETRM components to track the contract from redlines to signature to pre-COD obligations to post-COD performance.