



Bell County Water Control & Improvement District No. 1
Lake Belton Water Treatment Plant



Request for Proposals
for
Demand Response and Related Services

Josh D. Coleman, PE
Chief Operating Officer

L5E, LLC d/b/a 5
4545 Fuller Drive, Suite 412
Irving, TX 75038

josh.coleman@energyby5.com
817-301-3017

Contents

1. Introduction	3
2. Project Overview	3
3. General RFP Requirements	3
4. RFP Timeline	4
5. Evaluation and Selection Criteria	5
6. The Services	5
7. Proposal Requirements	6
8. Cost Proposal	6

1. Introduction

Bell County WCID No.1 (“WCID1” or the “District”) , rated a Superior Water System by the Texas Commission on Environmental Quality, provides water to the following cities and water districts: Fort Cavazos ~~Head~~, City of Killeen, City of Copperas Cove, City of Harker Heights, City of Belton, Bell County WCID No.3 (Nolanville), 439 Water Supply Corporation, and Belton Lake Outdoor Recreation Area (BLORA). The District serves a population in excess of 275,000 people and can treat and deliver over 90 million gallons of water daily.

The District owns and operates three wastewater treatment facilities with a total capacity of 30 million gallons per day. These facilities serve the City of Killeen and Fort Cavazos

The drinking water supplied by the District comes from surface water supplied by Lake Belton. Lake Belton has a capacity of 887,000 acre-feet of water, of that amount, 372,000 acre-feet is reserved for water supply.

The 90 MGD Lake Belton Water Treatment Plant at 5200 Water Works Road in Belton, Texas (the “Plant”) has been in operation since the early 1950’s. WCID1 is currently installing 10 MW of natural gas-fired, synchronous generating capacity at the Plant. The new generating plant will be operational in island mode (not synchronous) by December 31, 2023. Full synchronous operation of the generating plant will follow in May of 2024. As a part of the project, the District is purchasing Oncor’s transformation and related equipment to allow the Plant to take service from Oncor at primary voltage (24.9 KV).

The District’s electricity supply is provided under a fixed price supply contract with GEXA Energy through June of 2025, followed by a second fixed price contract with Reliant Energy through January of 2035 (“the REPs). The District intends to negotiate arrangements with the REPs to allow the District to receive some amount of economic response benefit by allowing the REP to dispatch the Plant when market prices exceed some agreed upon threshold.

The Plant will take service from Atmos under the applicable Atmos Commercial Tariff. All natural gas costs associated with operating the Plant will be paid by the District.

2. Project Overview

WCID1 is seeking proposals from Qualified Scheduling Entities (each a “QSE”) that are licensed and authorized by ERCOT to provide services relating to all available ERCOT and Oncor-sponsored demand response programs, 4CP cost avoidance, as well as economic response to real time settlement point prices (“the Services”).

The most recent Oncor scalar and Smart Meter Texas interval usage history is attached to this RFP.

3. General RFP Requirements

Respondents are requested to indicate their intent to submit a proposal by sending an email to josh.coleman@energyby5.com, with a copy to r.garrett@wcid1.com prior to the intent to bid due date included in Section 4 – RFP Timeline.

Each QSE shall thoroughly read this Request for Proposal (“RFP”) and all attachments carefully to ensure the QSE’s proposal addresses all requirements.

Proposals shall be submitted in the format specified in Section 7.0 with fonts no smaller than 12pt.

Proposals will be accepted by email up to the due date included in Section 4 – RFP Timeline. Please email proposals to josh.coleman@energyby5.com, with a copy to r.garrett@wcid1.org. Proposals received after the deadline may be rejected.

WCID1 is not obligated to select a QSE based on the results of the RFP. WCID1 reserves the right to discontinue the RFP process at any time, for any reason, and WCID1 makes no commitments, implied or otherwise, that this process will result in a business transaction.

Any and all costs or expenses associated or incurred in the preparation and submission of a QSE's proposal and any other evaluation materials requested by WCID1 shall be borne solely by the QSE. WCID1 shall not be liable for any costs and/or expenses that a QSE may incur as a result of this RFP.

All questions relating to any aspect of this RFP must be submitted by email prior to the question due date included in Section 4 – RFP Timeline. Please email questions to josh.coleman@energyby5.com, with a copy to r.garrett@wcid1.org.

WCID1 will make every attempt to answer all questions. Such questions and answers shall be made available to all QSEs participating in this RFP to help ensure consistent and equal interpretation of the RFP.

All proposals become the property of the District upon receipt and will not be returned. Any information deemed to be confidential by a QSE should be clearly noted on the page(s) where confidential information is contained; however, under the State of Texas Public Information Act, a Court order or the Texas Attorney General may compel the District to disclose all or part of any public record not considered confidential under Texas Law.

4. RFP Timeline

Event	Date
RFP Posted on District’s website	May 22, 2023
Intent to Bid Notice Due from QSEs	May 30, 2023
Questions Due	June 12, 2023
RFP Responses Due	June 30, 2023
Selection of Finalist(s)	July 14, 2023
Demo of Finalist(s) Information System/Dashboard	July 21, 2023
Contract Negotiation Complete	September 1, 2023
WCID1 Board Approval	On or about September 29, 2023

5. Evaluation and Selection Criteria

The successful QSE will demonstrate core competencies in the disciplines required to operate as a QSE in ERCOT and optimize the economic benefit of the Plant.

The following outlines the scoring matrix that will be used to evaluate and compare a QSE's proposal:

Criteria	Weighting	Score Range	Max Possible Points
QSE demonstrates the qualifications required to successfully provide the services	10%	0 to 10	1
QSE's proposal fully addresses the requirements outlined in the RFP	10%	0 to 10	1
QSE's offerings related to real time metering and web-enabled performance monitoring add value to the District	20%	0 to 10	2
QSE demonstrates the ability to optimize the revenue and cost avoidance opportunity	30%	0 to 10	3
The total cost of service proposed by the QSE is competitive	30%	0 to 10	3
Total Score Possible			10

6. The Services

QSEs shall provide the Services below during the term of the agreement:

- a) Supply and install equipment required to remotely start/stop the Plant in response to potential 4CP, demand response and/or economic response events
- b) Evaluate of the District's electrical consumption on an on-going basis and make seasonal recommendations for enrollment quantities to be used in ERCOT and Oncor-sponsored demand response programs
- c) Administration and enrollment in both ERCOT and Oncor-sponsored demand response programs
- d) Maintenance and periodic testing of event notification lists, remote start/stop and other capabilities required to facilitate the District's participation in the Services
- e) Provide dispatch (start/stop) service for potential 4CP, demand response and/or economic response events

7. Proposal Requirements

Each proposal shall be structured with numbered sections as follows in MS Word or PDF format:

- A. Company legal name, address, DUNS number and background on the company.
- B. A brief description of QSE's qualifications to perform the Services.
- C. References for the three (3) clients familiar with the QSE's work, preferably in the water utility or other government sector in ERCOT.
- D. A description of the QSE's process for generating and delivering dispatch (start/stop) notifications.
- E. A summary of the ERCOT and/or Oncor demand response programs recommended including the annual estimated value of each program. To calculate program value, please use the usage history provided and assume the program values established during the most recent 12 months. The demand response value estimates should clearly state the QSE's proposed revenue share arrangement.
- F. A summary of the annual estimated value of 4CP cost avoidance assuming summer 2022 usage history and Oncor primary service rates effective March 2023 assuming 100% of the 4CP savings are retained by the District.
- G. A 4CP notification history for the summers of 2020, 2021 and 2022 that shows peak day predictions the QSE made for each month.
- H. Written confirmation that capacity to enroll in all available Oncor programs will be available to the District at the District's full curtailment capacity.
- I. A description of the QSE's process for receiving and acting upon economic response dispatch notifications (start/stop) from the District's REP. It is anticipated that these notices will be provided by the REP via email, phone and/or text.
- J. A description of the typical annual ERCOT and Oncor program testing requirements and payment timeline for all enrolled programs.
- K. A sample service contract with a 36-month term (Word format).

8. Cost Proposal

Please identify all cost-related aspects of the Services including but not limited to:

- a) Any required upfront costs for metering, other on-site equipment or Oncor meter pulse charges that are required to perform the Services
- b) Any monthly fees that would apply
- c) Identify the revenue share/split proposed for enrolled ERCOT and Oncor programs
- d) Any other costs that would apply

Please specify if the QSE intends to invoice the District for any portion of the 4CP avoided cost.

Please specifically identify any penalties for non-performance that might apply to enrolled programs. If no such penalties would apply, please confirm in writing.