

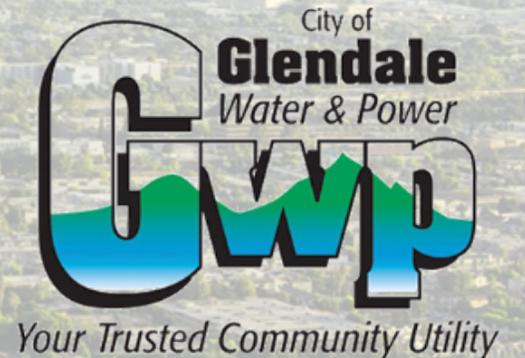


LOCAL CLEAN DISTRIBUTED ENERGY RESOURCES REQUEST FOR PROPOSAL

Glendale Water & Power Commission

June 6, 2022

Mark Young, General Manager
City of Glendale Water & Power



REQUEST FOR PROPOSAL

- Seeks local clean Distributed Energy Resources (DER)
- To supplement or potentially reduce the need to rely on RICE Engines at the Grayson Power Plant
 - Peak Reduction
 - Resource Adequacy (Reserves)
- Seeks up to 50 MW of capacity from all proposals



ELIGIBLE DER CATEGORIES

1. **Commercial and Industrial Solar Paired with Dispatchable Energy Storage**
 2. **Residential Solar Paired with Dispatchable Energy Storage**
 3. **Dispatchable Energy Storage to Pair with Existing Residential, Commercial and Industrial PV Solar Customers**
 4. **Renewable Distributed Generation (DG)**
 5. **Demand Response**
 6. **Energy Efficiency**
 7. **Other DER solution**
- Must be incremental (supplementary or new) to current GWP Programs



OBJECTIVES

- Zero-carbon resources
- Local resources – not reliant on external supply
- Resource adequacy
- Proven technology and control systems
- Avoid major infrastructure improvements/ property purchase
- Highly-efficient generation and/or flexible demand-side reductions to maintain reasonable cost generation
- Minimize customer electric rate impacts



MINIMUM QUALIFICATIONS

- Successfully completed at least two (2) comparable projects within the last 5 years
- For generation and energy storage proposals:
 - Successfully completed at least two (2) projects utilizing the proposed technology each with a size not less than 1.0 MW
- “Proposal Bond” (“bond”) or a Cashier’s Check (“check”) of at least ten percent (10%) of the Total Price Proposal Amount



REQUIREMENTS

- 5 MW minimum capacity; delivery no later than the end of 2027
- 10-year minimum delivery term
- Interconnect to GWP's 4kV/12kV system via standard interconnection process
- Critical Load Hours
- Dispatchable storage - 2 hr. minimum; direct control via software
- Incremental to current programs
- On non-City owned property
- Contractor to construct, own, operate, decommission
- GWP to own all environmental attributes
- Measurement & Verification
- Performance Testing
- Marketing Plan



EVALUATION CRITERIA

Criteria	Weight
Proposer's creditworthiness, experience and expertise to complete the project	15%
Environmental performance with regards to impact on RPS, air quality, and other environmental attributes	15%
Project feasibility	10%
Project's ability to supply reliable and resilient energy and capacity during critical peak load hours. Extra weight will be provided to resources that can reliably deliver energy during periods of system emergency (resiliency benefit).	30%
Cost effectiveness, which will include value attributed to system reliability and deferred or avoided system infrastructure costs	30%



KEY SCHEDULE OF EVENTS

Event	Date/Time
RFP Distribution	5/27/2022
Notice of Intent to Submit Proposal	7/1 (Fri)
Mandatory Conference	7/20 (Wed)
Proposal Deadline	9/30 (Fri)
Review / Shortlisting	Oct – Nov 2022
Final Candidate Selection	Dec 2022
Contract Award (CC Approval)	Jan 2023



RFP PUBLICATION

- City of Glendale Website:
<https://www.glendaleca.gov/Home/Components/RFP/RFP/3082/2961>
- Glendale Water and Power Website:
www.glendalewaterandpower.com
- Grayson Repowering Website:
<http://graysonrepowering.com/#request-for-proposals>
- Direct Emails sent to 158 companies
 - 250+ email addresses
- Social Media
 - [Twitter](#) [Facebook](#) [Instagram](#)
- Notification sent to City Council and GWP Commission on May 29th
- Press Release Issued Monday, June 6, 2022
- *From the Source Newsletter* emailed to 95,663 customers



Thank You!

