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AMENDMENT #1
To
REQUEST FOR PROPOSALS
Engineering Design Services for Pueblo Microgrid
Pueblo of Picuris, NM
Posted at:

www.picurispueblo.org/microgridstudy

This amendment revises the study requirements as follows:

1. It defines the duration of islanded operation by amending the first paragraph of **Section 1 Introduction** as follows:

"The Pueblo of Picuris is inviting A&E firms to provide a preliminary conceptual design for a microgrid. The microgrid will support approximately 100 homes and tribal administration and community buildings for a period of four days in an islanded mode. It will be interconnected with the Kit Carson Electric Co-operative (KCEC) so that it meets the needs of the Pueblo during normal and islanded operating modes."

2. The last paragraph in **Section 3. Reference and Optional Configuration** in the **Reference Configuration** is amended to read:

"The reference microgrid will support approximately 100 homes and administration and community buildings clustered in a small geographic area for four consecutive days in an islanded mode during a summer or winter event. Each electrical load is



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individually metered by KCEC and the selected A&E will work with KCEC to obtain load and consumption data from KCEC as needed for the design study.

In the **Optional Configuration** an additional option is added as follows:

At their discretion, the A&E can discuss other technology options to displace either the gensets or the BESS in the reference configuration. In this case, the A&E should select technologies that are at TRL 9.

3. **Section 6 Engineering Deliverables** is deleted in its entirety and restated as:

“For the Reference Configuration in Section 3, the study will develop a conceptual layout of the microgrid and preliminary system architecture to support all Pueblo loads in an islanded mode for four consecutive days. The modeling should derive the genset sizing and run times during an assumed winter and summer islanding event that lasts four consecutive days. The microgrid will support only the Pueblo loads during the four day duration. The microgrid will not provide grid support or ancillary services to KCEC during normal operation.”

If an Optional Configuration is proposed, the A&E will model the alternate microgrid configuration and show its improvement over the Reference Configuration in terms of operational efficiency through fuel savings, capital or life cycle operating cost or other resiliency factors.

4. **Section 4 Scope of Services** is deleted in its entirety.

5. **Section 7 Required Comparative Analysis** is being amended by deleting the first two requirements: capital cost estimate and the life cycle cost.