

CalOES Grant – Backup Generator at the Raub 6 Groundwater Well Site

Riverside Public Utilities

Board of Public Utilities
September 27, 2021

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BACKGROUND

1. Project benefits:
 - a. Provide backup power at the Raub 6 Groundwater Well Site
 - b. Grant funding
 - c. Improve operation and reliability of the water system
2. October 20, 2020
 - a. Staff learned of grant opportunity by the California Governor's Office of Emergency Services (CalOES)
 - b. Backup equipment to prepare for power outages
 - c. RPU facilities affected by Public Safety Power Shutoffs (PSPS) could benefit
3. October 30, 2020
 - a. Deadline to apply for the grant



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BACKGROUND (CONT.)

4. March 30, 2021

- Staff learned their grant application was approved for \$300,000 in funding
- 20 calendar days to accept the grant
- CalOES agreed to extend the acceptance deadline until the week of April 18, 2021, providing staff time to seek approval from City Council

5. April 20, 2021

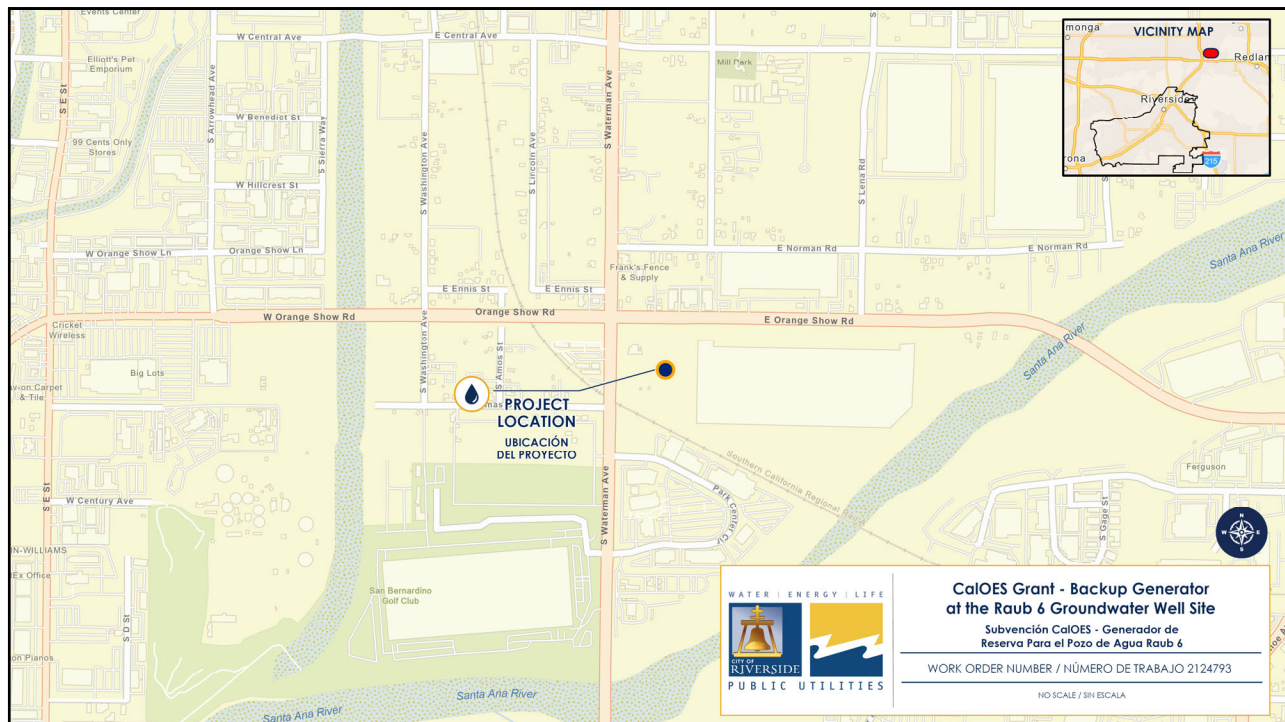
- City Council retroactively accepted the grant
- A check for \$300,000 has been received

6. Raub 6 Groundwater Well Site selected



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PROJECT DESCRIPTION

1. Purchase a backup generator
 - a. Sourcewell (formerly National Joint Powers Alliance)
 - b. Cummins, Inc. Cooperative Agreement with Sourcewell
 - c. Quote for \$117,502

2. Hire a contractor to prepare the site for the generator
 - a. Concrete foundation
 - b. Electrical modifications
 - c. Security features
 - d. Other incidental work



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PROJECT BREAKDOWN

Project and Fiscal Breakdown		
Work Type:	Performed By:	Amount:
Design, Permits and Survey	Internal Staff	\$35,498
Backup Generator	Cummins, Inc.	\$117,502
Construction (RPU Bid No. 7867)	Vendor to be Determined (Formal Procurement)	\$200,000
Construction Support	Internal Staff	\$5,000
Engineering Support and Construction Management	Internal Staff	\$10,000
Inspection	Internal Staff	\$25,000
Work Order Total:		\$393,000
Reimbursements:	\$300,000 CalOES Grant	
Anticipated Start Date:	October 2021	
Anticipated Duration:	6 Months	



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STRATEGIC PLAN ALIGNMENT

This item contributes to Strategic Priority No. 6 Infrastructure, Mobility and Connectivity and Goal No. 6.2 – Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

This item aligns with the Cross-Cutting Threads as follows:

1. **Community Trust** – RPU took the initiative to seek this grant opportunity which provides an economical way to enhance the reliability of its water system, demonstrating RPU's commitment to the customers it serves and building community trust.
2. **Equity** – RPU endeavors to provide safe and reliable water service to all its customers. Since RPU's water system is an interconnected network, investments made to individual parts of the system improve the reliability of the overall system, thereby providing an equitable benefit to all customers.
3. **Fiscal Responsibility** – This project is funded primarily with outside grant proceeds, thereby providing great value to RPU customers. The lowest price for the construction services was ensured through a competitive bidding process.
4. **Innovation** – This project employs innovative equipment which provides a seamless transition from grid electrical power to backup generator power, helping to ensure uninterrupted operation of this groundwater well.
5. **Sustainability & Resiliency** – This project will help ensure RPU can provide reliable water service to its customers during periods of electrical power outages.

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RECOMMENDATIONS

That the Board of Public Utilities:

1. Authorize the purchase of a backup generator and related equipment from Cummins, Inc., under the Sourcewell Cooperative Agreement No. 120617-CMM, in an amount of \$117,502;
2. Approve the capital expenditure for Work Order No. 2124793 in the amount of \$393,000 which includes all materials, design, construction, construction support, contract administration, inspection and construction change order authority costs for the Raub 6 Groundwater Well Backup Generator Installation Project;
3. Authorize the City Manager, or designee, to execute any documents necessary to effectuate this project, as well as the ability to make minor non-substantive changes in alignment with all purchasing policies; and
4. Recommend that the City Council, by at least five affirmative votes, authorize the Purchasing Manager, or designee, by at least five affirmative votes, to award a construction contract for the Raub 6 Groundwater Well site modifications to the lowest responsive and responsible bidder for RPU Bid No. 7867, in an amount of \$200,000, which includes construction contingency.

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