

BID NO. 8079 – SERVICE AGREEMENT WITH INLAND ELECTRIC INC. OF RIVERSIDE, CALIFORNIA, FOR THE THREE (3) RADIO SITES STANDBY GENERATOR REPLACEMENT PROJECT

Energy Delivery

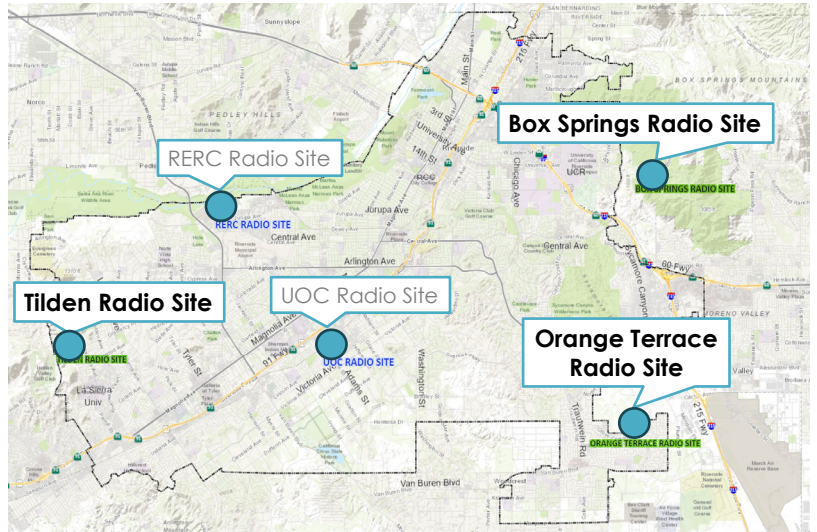
Board of Public Utilities
November 18, 2024

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BACKGROUND & PROJECT LOCATION

1. Five communications radio sites within City
2. Dedicated standby generators to be upgraded at:
 - a. Box Springs - Box Springs Mountains
 - b. Tilden- La Sierra Area
 - c. Orange Terrace - Orangecrest area



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BACKGROUND (CONT.)

1. Radio Sites

- a. Critical infrastructure providing reliable communication between field operations, control centers, and emergency response teams
- b. Maintain uninterrupted communication vital for grid stability and timely response

2. Standby Generators

- a. Provide a dependable power source to critical communication systems during power outages
- b. Have a typical service cycle of approximately 20 years
- c. Current generators were installed in 2001, exceeding their design life



Existing Generator at Orange Terrace Radio Site



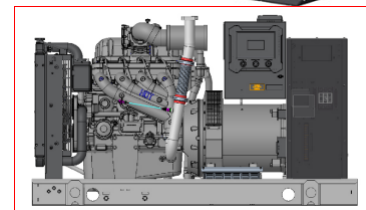
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SCOPE OF WORK

1. **Box Springs Radio Site** - Replace the existing 45 kW generator with a 45 kW generator
2. **Tilden Radio Site** – Replace the existing 20 kW generator with a new 22 kW generator
3. **Orange Terrace Radio Site** – Replace existing 20 kW generator with a new Generac 22 kW generator
4. Replace the automatic transfer switches (ATS), fuel regulators, and wiring at each radio site
5. Contractor to install, test, and commission all three generators and provide temporary backup power during construction



New 45 KW Generator

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BID RESULTS

Inland Electric Inc. was determined to be the lowest responsive and responsible bidder

Vendors	City Location	Bid Amount	Rank
Inland Electric Inc	Riverside, CA	\$213,997.00	1
Metrocell Construction Inc.	Ontario, CA	\$286,248.00	2
Pramira, Inc.	Brea, CA	\$324,020.06	3
Sharp Industries LLC	Riverside, CA	\$358,700.00	4
M. Brey, Inc.	Beaumont, CA	\$500,804.44	5
MC Electric	Chino, CA	\$606,070.00	6
Mel Smith Electric	Stanton, CA	\$668,000.00	7
➤ <i>Engineer's Estimate</i>		<i>\$152,000,000</i>	



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PROJECT AND FISCAL BREAKDOWN

Project and Fiscal Breakdown			
Work Type	Performed By:	Amount (\$)	Percentage
Project management and Engineering	RPU Engineering	\$12,000	4%
Installation, Testing, and Commissioning	Contractor	\$213,997	79%
Site Access and Inspection	RPU Operations Group	\$23,6030	9%
Contingency (10%)		\$21,000	8%
Work Order Total:			\$271,000
Anticipated Start Date:			February 2025
Anticipated Duration:			5 Months



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STRATEGIC PLAN ALIGNMENT



Strategic Priority 6 – Infrastructure, Mobility and Connectivity

Goal 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.

Cross-Cutting Threads



Community Trust



Equity



Fiscal Responsibility



Innovation



Sustainability & Resiliency



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RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve a Service Agreement with Inland Electric Inc. of Riverside, California, to Bid No. 8079 for the three(3) Radio Sites Standby Generator Replacement Project, in the amount of \$213,997;
2. Approve the capital expenditure for Work Order No. 2311805 in the amount of \$271,000 for the three(3) Radio Sites Standby Generator Replacement Project; and
3. Authorize the City Manager, or designee, to execute any documents necessary to effectuate the procurement described herein, as well as the ability to make minor non-substantive changes in alignment with all purchasing policies.



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