



**CABLE REPLACEMENT PROJECT
BID 8074 AWARD TO EDISON POWER
CONSTRUCTORS, INC. FOR \$806,632.31, 10%
CHANGE ORDER, AND WORK ORDER 2318306
FOR A TOTAL OF \$3,000,000**

Energy Delivery

Board of Public Utilities
December 9, 2024

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BACKGROUND

1. HMPE Cable Replacement Program formally established in 2010
2. Paper Insulated Lead Covered (PILC) Cable - Planned replacement under the cable replacement program and the Electric System Five-Year plan
3. Planned replacement of obsolete PILC type cable will improve system capacity and reliability
4. PILC
 - a. Deemed hazardous
 - b. Needs to be proper disposal
 - c. Outdated cable type for which we do not have the resources to work on

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DISCUSSION

1. Improve electric services to customers in the Downtown and La Sierra neighborhoods
2. Facilitate future 4kV to 12kV conversion in the Downtown area
3. Improve reliability
 - a. Circuit 1281, currently on the list of worst performing circuits
 - b. Three (3) of the nine (9) circuit getaways in the project are priority due to performance issues



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PROJECT LOCATION

1. Project area - Downtown

Along Ramona Drive, Magnolia Avenue, Twelfth Street, Lime Street and Ninth Street to Riverside Substation

2. Electric Service Disruptions coordinated to minimize impact to customers



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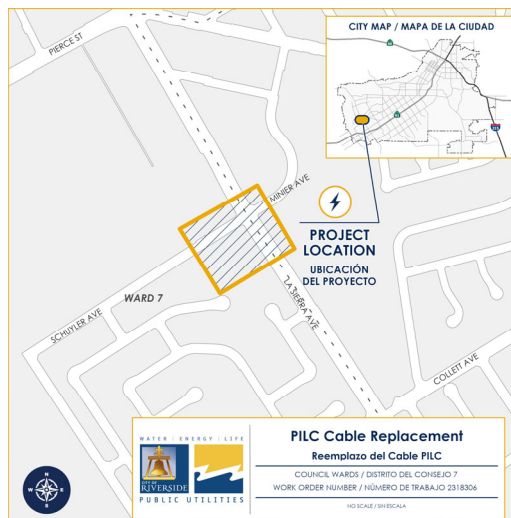
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PROJECT LOCATION (CONT)

1. Project area – La Sierra

Around Harvey Lynn Substation, along Schuyler Avenue and La Sierra Avenue; another area includes a small portion located inside La Colina Substation

2. Electric Service Disruptions will be coordinated to minimize impact to customers



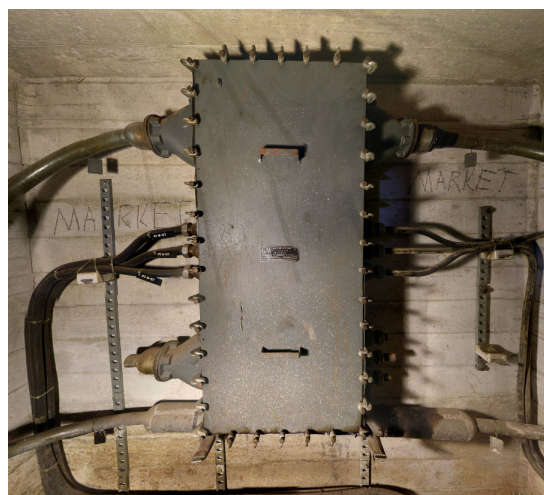
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SCOPE OF WORK

Work includes:

- Removal of ten (10) link boxes
- Replacement of approx. 16,340 circuit feet of PILC cable, and related electrical distribution facilities
- 12-15 weeks to complete the scope of work



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BENEFITS

1. Improves system operations and response time to outages
2. Increases electric system reliability and safety
3. Improves electric services and power quality to customers
4. Reduced number of outages as a result of new infrastructure and life of material



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BID RESULTS

1. August 28, 2024: Bid No. 8074 posted on PlanetBids
2. September 10, 2024: RPU hosted a non-mandatory pre-bid meeting -12 companies in attendance
3. October 3, 2024: Bid No. 8074 closed and four (4) bids were received

Notification Action	Number of Vendors
External Vendors Notified	500
City of Riverside Vendors Notified	399
Prospective Bidders Who Downloaded the RFB	67
Questions and Answers Released	12
Addenda Submitted	3



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BID RESULTS

Vendors	City Location	Bid Amount	Rank
Edison Power Constructors, Inc.	Mesa, AZ	\$806,632.31	1st
Outsource Utility Contractor, LLC	Torrance, CA	\$903,261.72	2 nd
E.E. Electric, Inc.	Jurupa Valley, CA	\$2,035,878.65	3 rd
HW Power, Inc.	Norwalk, CA	\$2,665,272.25	4 th
<i>Engineer's Estimate</i>		\$3,600,000.00	



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PROJECT BREAKDOWN

Project and Fiscal Breakdown					
Work Type	Performed By:			Amount (\$)	% of Total:
Design and Inspection	RPU Engineering and Operations			\$110,270.46	3.7%
Electrical Work	RPU Field Forces	Labor	\$1,399,268.40	\$2,002,434.00	66.7%
		Equipment	\$2,214,977.89		
		Materials	\$388,187.71		
Civil Construction (Contract)	Edison Power Constructors, Inc.			\$806,632.31	26.9%
Contingency – 10% (Contract)	Edison Power Constructors, Inc.			\$80,663.23	2.7%
Work Order Total:				\$3,000,000.00	100%
Anticipated Start Date:					January 2025
Anticipated Duration:					12-15 weeks



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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. Award RPU Bid No. 8074 to Edison Power Constructors, Inc. of Mesa, Arizona, for the Paper Insulated Lead Covered Cable Replacement Project, in the amount of \$806,632.31;
2. Approve Work Order No. 2318306 for the total capital expenditure of \$3,000,000 which includes all design, construction, construction support, contract administration, inspection, and construction change order authority of 10% in the amount of \$80,663.23 for the Paper Insulated Lead Covered Cable Replacement Project; and
3. Authorize the City Manager, or designee, to execute any documents necessary to effectuate the project described herein, as well as the ability to make minor non-substantive changes in alignment with all purchasing policies.

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