



BID NO. RPU-7894 FOR THE CANYON CREST CABLE REPLACEMENT AREA 5 PROJECT

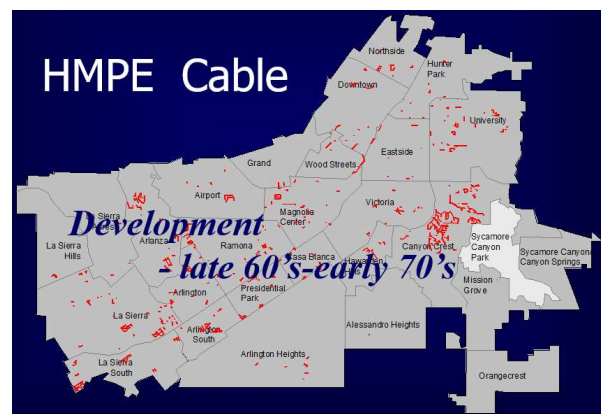
Riverside Public Utilities – Energy Delivery

Board of Public Utilities
May 9, 2022

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BACKGROUND

1. High Molecular Polyethylene (HMPE) Cable Replacement Program formally established in 2010
2. Proactive replacement of aged HMPE insulated Cable and Cable-In-Conduit (CIC) Systems
3. HMPE and CIC account for 8% of total cable, and responsible for 70% of failures
4. Replacement prioritized by risk and events



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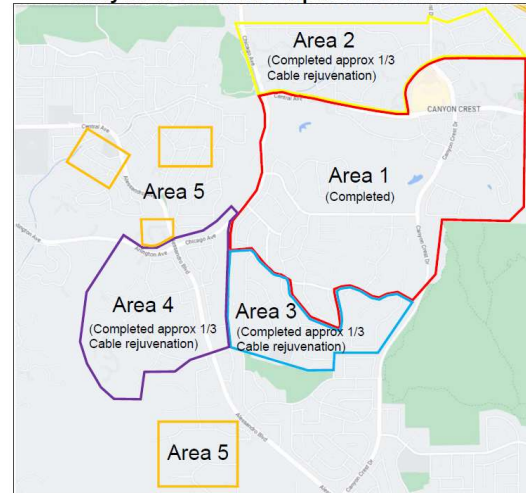
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BACKGROUND (CONT.)

1. Canyon Crest neighborhoods designated high priority area
2. Highest concentration of aged HMPE in CIC cable systems
3. Divided into five areas to minimize service disruption
4. Outlined in Electric System Master Plan
5. On June 28, 2021, the Board approved Canyon Crest Cable Replacement Area 1F



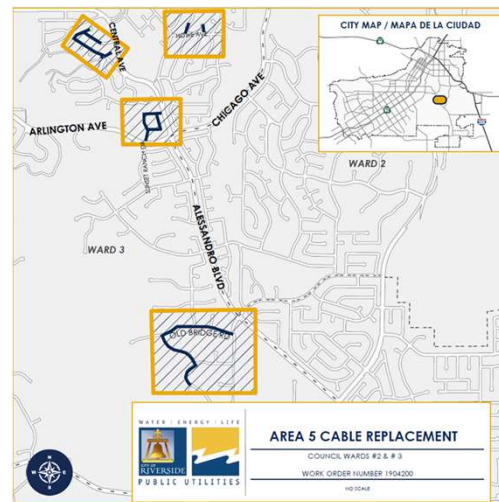
Canyon Crest Cable Replacement Areas



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PROJECT LOCATION

1. Canyon Crest Area 5, neighborhoods adjacent to Central Avenue and Alessandro Boulevard, south of the Gage Canal, north of Via Vista Drive
2. The project will upgrade facilities to approximately 230 customers
3. Electric service disruptions will be coordinated to minimize impact to customers



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SCOPE OF WORK

1. Replace and upgrade conduits and cable, transformers and other related facilities
2. Install 9,845 trench feet of conduit
3. Install 11,450 circuit feet of single phase primary underground cable
4. 18 weeks to complete work



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BENEFITS

1. Reduce project cost by a factor of two (2) with planned replacement compared to reactive replacement
2. Improves system operations and response time to outages
3. Increases electric system reliability and safety
4. Improves electric services and power quality to customers



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BID RESULTS

VENDORS	CITY LOCATION	BID AMOUNT	RANK
Hot Line Construction, Inc.	Brentwood, CA	\$1,479,986.00	1st
Asplundh Construction LLC	Buena Park, CA	\$1,899,593.04	2 nd
Servitek Electric, Inc.	Walnut, CA	\$1,952,767.00	3 rd
VCI Construction LLC	Upland, CA	\$1,985,000.00	Non-responsive
Elecnor Belco Electric, Inc.	Chino, CA	\$2,067,291.00	Non-responsive
Stronghold Engineering, Inc.	Perris, CA	\$2,428,312.00	Non-responsive
Arizona Pipeline Company	Corona, CA	\$2,468,515.89	Non-responsive
PAR Electrical Contractors, Inc.	Rancho Cucamonga, CA	\$0.00	Non-responsive
<i>Engineer's Estimate</i>		<i>\$2,207,000.00</i>	



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SCOPE OF WORK

Project and Fiscal Breakdown

Work Type	Performed By:	Amount (\$)
Design	RPU Engineering	\$172,156
Construction Management and Inspection	RPU Engineering and Operations	\$92,700
Electrical Work	RPU Field Forces	\$222,159
Civil Construction:	Hot Line Construction, Inc.	\$1,479,986
Civil Construction Contingency – Contract (10%)		\$147,999
Work Order Total:		\$2,115,000
Anticipated Start Date:		June 2022
Anticipated Duration:		5-6 Months



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STRATEGIC PLAN ALIGNMENT



Strategic Priority No. 6 Infrastructure, Mobility and Connectivity

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.

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



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RECOMMENDATIONS

That the Board of Public Utilities:

1. Award Bid No. RPU-7894 to Hot Line Construction, Inc. of Brentwood, California, in the amount of \$1,479,986 for the Canyon Crest Cable Replacement Area 5 Project;
2. Approve the capital expenditure for Work Order No. 1904200 in the amount of \$2,115,000 which includes all design, construction, construction support, contract administration, inspection, and construction change order authority costs for the Canyon Crest Cable Replacement Area 5 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 and non-substantive changes in alignment with all purchasing policies.



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