



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: FEBRUARY 24, 2025

SUBJECT: **BID NO. 8145 TO ASPLUNDH CONSTRUCTION LLC, OF ANAHEIM, CALIFORNIA, FOR THE LIMESTONE DRIVE CABLE REPLACEMENT PROJECT, IN THE AMOUNT OF \$704,838.94 AND WORK ORDER NO. 2428298, INCLUDING A 10% OR \$70,483.89 CHANGE ORDER AUTHORITY, FOR A TOTAL CAPITAL EXPENDITURE OF \$931,000**

ISSUES:

Consider awarding Bid No. 8145 to Asplundh Construction LLC, of Anaheim, California, for the Limestone Drive Cable Replacement Project, in the amount of \$704,838.94, with a 10% change order authority in the amount of \$70,483.89; and approve the capital expenditure for Work Order No. 2428298 for a total capital expenditure of \$931,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. 8145 to Asplundh Construction LLC, of Anaheim, California, for the Limestone Drive Cable Replacement Project, in the amount of \$704,838.94;
2. Authorize change order authority, if needed, to the Asplundh Construction LLC Construction Contract in a not-to-exceed amount of 10% or \$70,483.89, for Bid No. 8145;
3. Approve Work Order No. 2428298 for the total capital expenditure of \$931,000 which includes all design, construction, construction support, contract administration, inspection, and construction change order authority for the Limestone Drive Cable Replacement Project; and
4. 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.

BACKGROUND:

Riverside Public Utilities (RPU) has experienced reliability issues for the past 20 years, due to the high failure rate of aged High Modulus Polyethylene cable (HMPE), Paper Insulated Lead covered cable (PILC), and Cable-In-Conduit (CIC) type infrastructure. HMPE insulated cable and CIC type infrastructure are responsible for 70% of RPU's system failures. The Electric System Master Plan (ESMP) recommends the planned replacement of obsolete HMPE, PILC, and CIC type

infrastructure to improve system capacity and reliability. The Limestone area is served by CIC type infrastructure.

Circuit 1506 has experienced four (4) outages in the past 2 years. All of these outages have been in the area of Limestone Drive and have been due to failed underground cable and equipment. As part of the ongoing Cable Replacement Program, and in coordination with the Public Works Department (PW) 2023/2024 Street Preservation Project, the Limestone Drive Cable Replacement Project is part of the series of routine cable replacement projects that will replace existing deteriorated underground substructures and cable with new underground electrical distribution facilities. This work will improve the electric service to customers, improving overall electric system reliability and safety. Coordination with PW is crucial due to the aggressive schedule of street repairs that could result in a moratorium for construction affecting RPU's underground construction projects.

DISCUSSION:

The scope of work includes the installation of approximately 4,900 feet of trench, 10,100 feet of conduit, 7,240 feet of underground primary cable, eight (8) underground transformers and related electrical distribution facilities. This project will eliminate the existing radial configuration by creating a loop at Gratton Street and Lincoln Avenue. It will also create a loop in a smaller area within the neighborhood, benefitting the customers in three (3) cul-de-sacs at Shorepine Court, Eastbrook Court and Mimosa Tree Court, that are currently served by a radial configuration. The existing radial configurations have caused lengthy outages during repairs as well.

The project will upgrade electrical distribution facilities south of Don Derr Park, north of Lincoln Avenue, east of Monroe Street and west of Adams Street, in the Presidential Park Neighborhood of the City. Intermittent electric service disruptions will be coordinated during construction and advanced outage notifications will be issued to minimize the impact to customers.



Aged Infrastructure: Cable-in-Conduit System



New trench and conduit installations

Bid No. 8145

On November 26, 2024, RPU Bid No.8145 for the Limestone Drive Cable Replacement Project, was posted on the City's Online Bid System. The bid's notification summary and bid actions are detailed in the following table:

Action	Number of Vendors
External Vendors Notified	500
City of Riverside Vendors Notified	498
Prospective Bidders Who Downloaded the RFB	59
Questions and Answers Released	13
Addenda Released	5

On December 5, 2024, RPU staff held a non-mandatory pre-bid meeting with seventeen (17) companies in attendance, and on December 23, 2024, thirteen (13) bidders submitted bids for the project. Purchasing evaluated the bids received for responsiveness and deemed two bidders non-responsive due to submittal of incomplete bid bond documents. Asplundh Construction LLC, of Anaheim, California was deemed to be the lowest, responsive, and responsible bidder. The bid was within the engineer's estimated amount of \$1,635,000.

The bids are summarized in the table below:

Vendors	City Location	Bid Amount	Rank
Asplundh Construction LLC	Anaheim, CA	\$704,838.94	1
Outsource Utility Contractor, LLC	Torrance, CA	\$854,512.49	2
Hot Line Construction, Inc.	Brentwood, CA	\$1,169,087.76	3
Pro Energy Services Group LLC	Escondido, CA	\$1,198,734.21	Non-Responsive
Herman Weissker, Inc.	Riverside, CA	\$1,206,108.50	4
E.E. Electric, Inc.	Jurupa Valley, CA	\$1,219,414.65	5
J&M Contracting Corp.	La Verne, CA	\$1,225,495.60	Non-Responsive
Doty Bros. Equipment Company	Norwalk, CA	\$1,477,643.00	6
VCI Construction LLC	Upland, CA	\$1,487,998.67	7
Michels Pacific Energy, Inc.	San Jose, CA	\$1,732,500.52	8
Marjani Builders, Inc.	Mission Viejo, CA	\$1,797,996.00	9
PAR Western Line Contractors	Rancho Cucamonga, CA	\$1,999,752.00	10
HP Communications, Inc.	Corona, CA	\$2,020,232.59	11
➤ <i>Engineer's Estimate</i>		\$1,635,000.00	

Purchasing Resolution 24101, Section 508 Awards states, "Contracts procured through Formal Procurement shall be awarded by the Awarding Entity to the Lowest Responsive and Responsible Bidder."

The Purchasing Manager concurs that the recommended actions are in compliance with Purchasing Resolution No. 24101, Section 508.

The project/fiscal breakdown is as follows:

Project and Fiscal Breakdown				
Work Type	Performed By:	Amount (\$):		% of Total:
Design and Inspection	RPU Engineering and Operations	\$61,523.17		6.6%
Electrical Work	RPU Field Forces	Labor	\$59,539.60	10.1%
		Equipment	\$7,736.40	
		Materials	\$26,878.00	
Civil Construction (Contract)	Asplundh Construction LLC	\$704,838.94		75.7%
Contingency – 10% (Contract)		\$70,483.89		7.6%
Work Order Total:		\$931,000		100%
Anticipated Start Date:		February 2025		
Anticipated Duration:		3 Months		

STRATEGIC PLAN ALIGNMENT:

This item contributes to **Strategic Priority No. 6 Infrastructure, Mobility and Connectivity** and **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.

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

1. **Community Trust** – The installation of new and improved conduits and cable that comply with current standards will improve safety and reliability of the electric system, which helps build community trust and results in the greater public good.
2. **Equity** – The cable replacement project has been established based on engineering planning and operational criteria, with equitable distribution of services to ensure every member of the community has equal access to share the benefits of community progress.
3. **Fiscal Responsibility** – The replacement of obsolete cable and related equipment will improve system reliability. This proactive approach will be more efficient and will reduce overall operational costs. The lowest price for the construction services and thereby the best value for RPU's customers was ensured through a competitive bidding process.
4. **Innovation** – RPU is committed to identifying creative solutions to meet the needs of our community members, effectively and efficiently by providing innovative infrastructure improvements. A collaborative and innovative approach was used to replace the electric facilities in such a way to minimize potential disruptions to our customers in the future.
5. **Sustainability & Resiliency** – RPU is preparing for the goals set by the City to achieve carbon neutrality by 2040 and to ensure that new system upgrades provide grid operators the ability to monitor and respond to system disturbances in a more safe and timely

manner. The construction materials specified for this project are considered best practices in the industry and are expected to last well into the future.

FISCAL IMPACT:

The total fiscal impact for Work Order No. 2428298 is \$931,000, including the \$704,838.94 construction contract with a 10% change order authority. Sufficient funds are available in Public Utilities Electric Capital Account No. 6130100-470635.

Prepared by:	Daniel Honeyfield, Utilities Assistant General Manager/Energy Delivery
Approved by:	David A. Garcia, Utilities General Manager
Certifies availability of funds:	Kristie Thomas, Finance Director/Assistant Chief Financial Officer
Approved by:	Rafael Guzman, Assistant City Manager
Approved as to form:	Jack Liu, Interim City Attorney

Attachments:

1. Project Site Map
2. Bid Award Recommendation
3. Presentation