



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** OCTOBER 26, 2020

**ITEM NO:** 10

**SUBJECT: BID NO. RPU-7772 FOR RIVERSIDE ENERGY RESOURCE CENTER - HARVEY LYNN OVERHEAD LINE WORK WITH PAR ELECTRICAL CONTRACTORS INC., IN THE AMOUNT OF \$7,937,234 WITH CONTRACT CONTINGENCY OF 20%, OR \$1,587,447; WORK ORDER NO. 2105854 FOR A TOTAL CAPITAL EXPENDITURE OF \$10,737,000**

### **ISSUES:**

Consider the award of Bid No. RPU-7772 for construction of the 69kV Riverside Energy Resource Center - Harvey Lynn overhead line to PAR Electrical Contractors, Inc., of Rancho Cucamonga, California, in the amount of \$7,937,234 with a contract contingency of 20%, or \$1,587,447; and approve Work Order No. 2105854 for the total capital expenditure of \$10,737,000 for the purpose of tracking work related to the construction of overhead line as part of the Riverside Transmission Reliability Project Work Order No. 642975.

### **RECOMMENDATIONS:**

That the Board of Public Utilities:

1. Deem the Asplundh Construction, LLC bid for RPU-7772 as non-responsive bid;
2. Award Bid No. RPU-7772 for construction of the 69kV RERC to Harvey Lynn overhead line to PAR Electrical Contractors, Inc., of Rancho Cucamonga, California, in the amount of \$7,937,234;
3. Approve a contract contingency of 20%, or an additional \$1,587,447, for this project, and authorize staff to issue change orders to the construction contract in an amount not to exceed this amount; and
4. Approve Work Order No. 2105854 for the total capital expenditure of \$10,737,000 for the purpose of tracking work related to the construction of the 69kV RERC to Harvey Lynn overhead line as part of RTRP Work Order No. 642975.

**BACKGROUND:**

Riverside Transmission Reliability Project (RTRP) is a joint project with Southern California Edison (SCE) and will provide Riverside Public Utilities (RPU) with a critical second connection to the state electric transmission grid by connecting to the existing 230kV SCE Mira Loma – Vista line, to address long-term capacity and reliability needs of the City's electric utility system.

The RTRP Project includes construction of approximately nine (9) miles of double circuit 230kV transmission lines, installation of approximately 10 miles of 69kV sub-transmission lines within the City of Riverside, construction of two new substations – Wildlife (SCE) and Wilderness (RPU), improvements to five (5) existing RPU 69kV substations, reconfiguration of existing distribution lines and installation of new telecommunication lines.

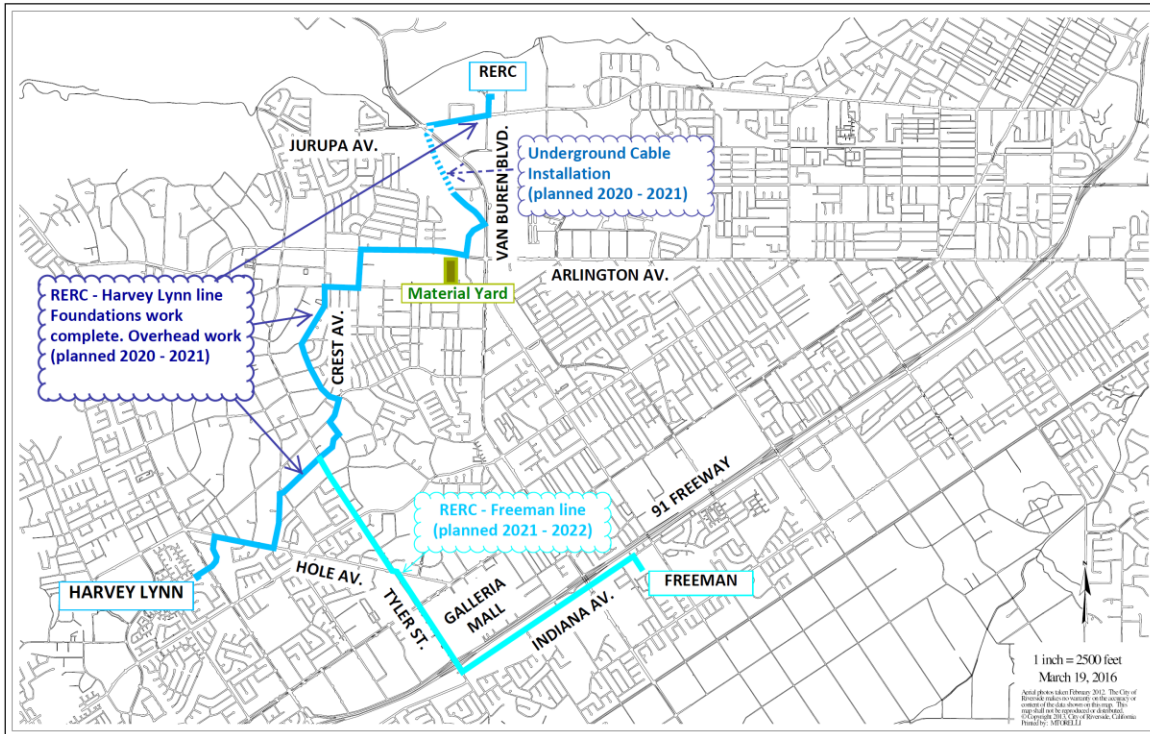
On February 5, 2013, the City Council certified the Final Environmental Impact Report (FEIR) for the entire Project, in accordance with California Environmental Quality Act (CEQA) requirements. A Notice of Determination was filed with the County of Riverside following the certification by the City Council. On March 12, 2020, SCE obtained California Public Utilities Commission (CPUC) approval of RTRP and was granted Certificate of Public Convenience and Necessity (CPCN).

The table below list the most recent Board approved to date of major 69kV sub-transmission system scope of work and associated components:

<b>Item Description</b>	<b>Board Meeting Date</b>	<b>Project Component Status</b>
RTRP Approval and Work Order No. 642975	01/20/06	Ongoing
Board Approved Bid No. RPU-7659 Installation of conduit and structures 69kV RERC to Harvey Lynn Underground line segment	06/24/19	Complete
Board Approved Bid No. RPU-7680 Construction of 69kV Material Yard	08/26/19	Complete
Board Approved Bid No. RPU-7711 Drilled Pier Foundation work for steel poles RERC to Harvey Lynn 69kV line	11/25/19	Complete
Board Authorized an increase in funds for Work Order No. 642975 69kV Scope of Work – RERC to Harvey Lynn & RERC to Freeman \$42,605,521 to \$71,605,521	11/25/19	Ongoing
Board Authorized an increase of \$144,910,000 in funds for Work Order No. 642975 for a total work order amount of \$216,515,521 and recommended City Council to approve a supplemental appropriation of \$125,000,000 for RTRP.	08/24/2020	City Council agenda item for November 10, 2020

In July 2020, RPU completed the installation of 37 drilled pier foundations for the 69kV Riverside Energy Resource Center (RERC) to Harvey Lynn overhead line. The construction of the 69kV sub-transmission overhead line work between RERC and Harvey Lynn Substation is planned for current Fiscal Year 2020/21, followed by construction of the RERC to Freeman overhead line in Fiscal Year 2021/22.

The completion of the 37 drilled pier foundations is a major accomplishment for the next phase of construction. The foundations will allow for installation of new steel poles and associated component, including but not limited to insulators, conduit risers, and stringing of new wires.



69kV overhead sub-transmission lines: RERC to Harvey Lynn and RERC to Freeman substation

This bid award relates to the RPU scope of work to construct the 69kV sub-transmission overhead line between RERC and Harvey Lynn to improve electric reliability of City’s internal transmission system to immediately expand the transmission capability of RERC generation power supplies as well as accommodate transmission future power supplies from the SCE portion of the RTP. The scope includes the construction of 5.3 line-miles of 69 kV overhead facilities between the RERC and Harvey-Lynn substations within the City, as part of RTP. The project will include installing wood and steel poles, string overhead conductors, transferring third party attachments and removing abandoned lines and equipment along RTP route. The Contractor will be responsible for providing equipment, labor, services and miscellaneous materials, to complete the installation.

A section of 69kV underground cable installation near Jurupa Avenue and Van Buren Boulevard as part of the overall line construction is anticipated to return to the Board for consideration at a later time and under a separate contract.

Intermittent electric service disruptions will be coordinated during construction and advanced outage notifications will be issued to minimize the impact on customers.



Typical 69kV overhead sub-transmission line work

**DISCUSSION:**

Bid No. RPU-7772 for the construction of the 69kV RERC to Harvey Lynn overhead line was posted on the City’s Online Bid System on July 16, 2020, and closed August 30, 2020. Four (4) vendors submitted bids for the project. Staff evaluated the bids and deemed PAR Electrical Contractors, Inc. to be the lowest responsive and responsible bidder. Asplundh Construction, LLC was deemed non-responsive due to not meeting the bid requirements of operating continuously for a minimum of five (5) years, within the past five (5) years under the same legally registered name, and for submitting an unbalanced bid. Either basis is sufficient to deem a bidder non-responsive.

Asplundh Construction, LLC does not meet the City’s experience requirements. Asplundh Construction, LLC registered its business name was registered with the California Secretary of State on April 3, 2017. The company was previously known as Asplundh Construction, Corp. The bid specifications require the following:

“2-1.7 Bidder will be required to demonstrate the following experience:

A Bid shall be rejected as non-responsive if the Bid fails to document that Bidder meets the essential requirements for qualification. As part of the Bidder’s Proposal Bidder Qualifications and Experience submitted with the Bid, each Bidder must establish that:

2-1.7.1.1 Contractor’s License and Firm History. Bidder must hold a valid and current Class A California Contractors license and must have operated continuously for a minimum of five (5) years of experience, within the past 5 years under the same legally registered business name, that provide services of similar type and scope as described in Section 2-1.1, Scope of Project. A company shall not have filed for bankruptcy under that business name over the past five (5) years.”

The pricing submitted by Asplundh Construction, LLC through the City’s PlanetBids online portal on August 31, 2020 was considered an unbalanced bid due to the Unit Price of \$1.00 being entered for Lines 86 – 113.

The bid from PAR Electrical Contractors, Inc. was within the engineer’s estimated amount of \$8,450,000.

The bid results for Bid No. RPU-7772 are summarized in the table below:

Vendors	City Location	Bid Amount	Rank
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<b>PAR Electrical Contractors, Inc.</b>	<b>Rancho Cucamonga, CA</b>	<b>\$7,937,234.31</b>	<b>1</b>
Edison Power Constructors, Inc.	Mesa, AZ	\$8,203,891.19	2
Wilson Construction Co.	Canby, OR	\$9,703,623.66	3
Asplundh Construction LLC.*	Anaheim, CA	\$6,984,072.00	Non-Respons

> *Engineer's Estimate*

*\$8,450,000*

The project/fiscal breakdown is as follows:

<b>Project and Fiscal Breakdown</b>		
<b>Work Type</b>	<b>Performed By:</b>	<b>Amount (\$)</b>
Engineering	Power Engineers, Inc.	\$887,500
Project Management	RPU Energy Delivery Engineering & Project	\$40,000
	Power Engineers, Inc.	\$84,000
Construction contract	PAR Electrical Contractors, Inc.	\$7,937,234
Contingency - 20% of Construction Contract		\$1,587,447
Miscellaneous Materials		\$200,000
<b>Work Order Total:</b>		<b>\$10,736,181</b>
<b>Anticipated Start Date:</b>		<b>November 2020</b>
<b>Anticipated Duration:</b>		<b>10-12 Months</b>

A 20% contract contingency is necessary for expected night work hours due to line outage restrictions during daytime hours to minimize disruption to customers in the area. Coordination with other development projects in the area will be required to ensure timely project construction schedules are met and avoid delays to development in the area.

The Purchasing Manager concurs that the recommended actions are in compliance with Purchasing Resolution No. 23256.

### **FISCAL IMPACT:**

The total fiscal impact is \$10,737,000. Sufficient funds are available in Public Utilities Electrical Capital Account No. 6130000-470685 (RTRP non-reimbursable) for RTRP Work Order No. 642975.

Prepared by: George R. Hanson, Utilities Assistant General Manager/Energy Delivery  
 Approved by: Todd M. Corbin, Utilities General Manager  
 Approved by: Al Zelinka, FAICP, City Manager

Approved as to form: Gary G. Geuss, City Attorney

Certifies availability  
of funds: Edward Enriquez, Chief Financial Officer/City Treasurer

Attachments:

1. Project Site Map
2. Award Recommendation (Bid No. RPU – 7772)
3. Presentation