

# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** JANUARY 8, 2018

**ITEM NO:** 5

**SUBJECT:** STREETLIGHT INSTALLATION FOR THE PUBLIC WORKS WELLS-ARLANZA  
SIDEWALK IMPROVEMENTS PROJECT – APPROVE WORK ORDER NO. 1725687  
FOR \$460,000

**ISSUE:**

Approve the capital expenditure of \$460,000 for Work Order No. 1725687 for the Electric Utility's share of the City of Riverside Public Works Wells-Arlanza Sidewalk Improvements Project.

**RECOMMENDATION:**

That the Board of Public Utilities approve the estimated capital expenditure of \$460,000 for Work Order No. 1725687 for the Electric Utility's share (streetlight installation) of the City of Riverside Public Works Wells-Arlanza Sidewalk Improvements Project.

**BACKGROUND:**

The Public Works Wells-Arlanza Sidewalk Improvement Project is part of a Federal Grant from the Active Transportation Program and it is administered by Caltrans. Grants from the Active Transportation Program provide funding for eligible infrastructure projects. The Active Transportation Program Cycle I, allocated funds in the amount of \$1,464,470 for this project. Additional sources of funding include local matching, along with RPU's share of the cost for the project. The project will promote active transportation such as walking, biking, and any alternate way of commute besides automobile. It will benefit the area residents and students of the Wells-Arlanza community. Public Work's scope of work includes removing existing rolled curb and replacing it with City standard curb and gutter, reconstruction of driveway approaches and curb ramps to conform to American with Disabilities Act (ADA) requirements, removal of existing trees and landscaping in order to clear space for the new sidewalk improvements.

The scope of work also includes the installation of 23 new concrete streetlight standards, 6,200 trench feet, 6,500 feet of conduit, 24 pull-boxes, 7,400 circuit feet secondary cables, and related street lighting equipment. The work also includes the removal of 21 secondary poles with mast arm lighting, and the relocation of a service pole. Intermittent electric service disruptions will be coordinated during construction and advanced outage notifications will be issued to minimize the impact to customers.

The project will replace existing aging infrastructure with a new streetlight system, including underground conduits, streetlight wires, and concrete streetlight pole standards. The new streetlight system will improve lighting in the area, increase system operations, reliability and safety. The work will upgrade streetlight facilities from High Pressure Sodium (HPS) to Light Emitting Diode (LED) and complement the city's overall effort to improve sustainability. The streetlight upgrade is in alignment with the City-wide Streetlight LED Conversion Program.

**DISCUSSION:**

Public Works Bid No. 7469 was posted on October 3, 2017 on the City's Online Bid System. Bids were opened on November 2, 2017. Seven vendors submitted bids for the work. Public Works staff evaluated the bids and deemed C.S. Legacy Construction Inc., Pomona, California to be the lowest responsive and responsible bidder. The City Council will consider awarding a construction contract to the lowest responsive and responsible bidder at their regular meeting on Tuesday, January 16, 2018.

The electric portion of the bid was within the engineer's estimated amount of \$544,242. The seven bids received, and the respective electric amounts are summarized in the table below:

Vendors	Location	RPU Electric Amount Total	Public Works Bid Amount Total
1. C.S. Legacy Construction Inc.	Pomona, CA	\$390,273.00	\$1,578,520.00
3. Hillcrest Contracting, Inc.	Corona, CA	\$350,168.85	\$1,722,102.35
4. S&H Civilworks	Colton, CA	\$342,238.00	\$1,796,469.00
6. All American Asphalt	Corona, CA	\$322,581.35	\$1,900,253.85
2. Golden Gate Steel, Inc. DBA Golden Gate Construction	Buena Park, CA	\$554,385.37	\$1,718,243.00
5. Leonida Builders Inc.	Santa Clarita, CA	\$552,323.00	\$1,900,128.00
7. Gentry General Engineering, Inc.	Rancho Cucamonga, CA	\$389,631.91	\$2,095,000.00
➤ Engineer's Estimate		\$544,242	\$1,821,347

Riverside Public Utilities (RPU) engineering staff performed the design to eliminate any negative visual impacts to the project and surrounding area, with sensitivity to the existing neighborhood, and within City Planning guidelines for the designated area of the project.

The project breakdown is proposed as follows:

Project Breakdown	
Engineering Performed By:	RPU engineering staff
Civil Construction Performed By:	C.S. Legacy Construction Inc. (Public Works contract)
Electrical Work Performed By:	RPU field forces
Anticipated Start Date:	February 01, 2018
Anticipated Duration:	10 weeks
Coordination Required With:	RPU Field Superintendent, PW Inspector
Reimbursements:	None

The breakdown for the total capital expenditure is as follows:

Description	Amount (\$)	% of Total
Design, Construction Management, Inspection, Contingency	\$56,634.00	12%
Construction Contract (City Council to Approve)	\$390,273.00	85%
Electric Construction	\$13,093.00	3%
<b>Total</b>	<b>\$460,000.00</b>	<b>100%</b>

**FISCAL IMPACT:**

The total fiscal impact is \$460,000. Sufficient funds are available in Public Utilities Major Streetlight Project Capital Account No. 6130000-470637.

Prepared by: George R. Hanson, Utilities Assistant General Manager/Energy Delivery  
Approved by: Girish Balachandran, Utilities General Manager  
Approved by: John A. Russo, City Manager  
Approved as to form: Gary G. Geuss, City Attorney

Certifies availability  
of funds: Laura Chavez-Nomura, Utilities Assistant General Manager/Finance

Project Site Map

