

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: FEBRUARY 12, 2018

ITEM NO: 5

**SUBJECT: STREETLIGHT INSTALLATION FOR THE PUBLIC WORKS NORTE VISTA
SIDEWALK IMPROVEMENTS PROJECT – APPROVE WORK ORDER NO. 1722321
FOR \$888,000**

ISSUE:

Approve the capital expenditure of \$888,000 for Work Order No. 1722321 for the Electric Utility's share of the City of Riverside Public Works Norte Vista Sidewalk Improvements Project.

RECOMMENDATION:

That the Board of Public Utilities approve the estimated capital expenditure of \$888,000 for Work Order No. 1722321 for the Electric Utility's share of the City of Riverside Public Works Norte Vista Sidewalk Improvements Project for streetlight installation.

BACKGROUND:

The Public Works Norte Vista 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 \$1,822,000 for this project. Grant funds in the amount of \$500,000 have been allocated from the Mobile Source Air Pollution Reduction Review Committee (MSRC) as part of the Clean Transportation Funding. MSRC's goal is to support Cities and Counties in their effort to implement clean air and complete streets projects. 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 Norte Vista High School and surrounding area, including Gaylord Street, Jones Avenue, Chadbourne Avenue, and Bushnell Avenue. Public Works' scope of work includes removing conflicting trees, landscaping, irrigation and relocating existing fences, mailboxes and water meters. Additionally, they will be constructing curb, gutter, sidewalk, driveway approaches and curb ramps to conform to Americans with Disabilities Act (ADA).

The scope of work also includes the installation of 42 new concrete streetlight standards, 15,300 trench feet, 16,000 feet of conduit, 44 pull-boxes, 17,400 circuit feet secondary cables, and related street lighting equipment. The work also includes the replacement of 16 poles, removal of mast arm lights, and transfer of electrical facilities. 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. 7457 was posted on October 26, 2017 on the City's Online Bid System. Bids were opened on December 8, 2017. Eight vendors submitted bids for the work. Public Works staff evaluated the bids and deemed USS CAL Builders Inc., of Stanton, California as 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, February 13, 2018.

The Electric Utility's portion of the bid was within the engineer's estimated amount of \$1,118,538. The eight 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. USS CAL Builders, Inc.	Stanton, CA	\$478,454.40	\$3,304,094.40
2. Sully-Miller	Brea, CA	\$487,337.20	\$3,989,116.00
3. Hillcrest Contracting, Inc.	Corona, CA	\$484,227.84	\$4,161,488.86
4. All American Asphalt	Corona, CA	\$678,698.00	\$4,269,045.00
5. EBS General Engineering, Inc.	Corona, CA	\$609,032.00	\$4,299,900.00
6. S&H Civilworks	Colton, CA	\$697,548.00	\$4,349,156.50
7. CT&T Concrete Paving, Inc.	Diamond Bar, CA	\$516,156.00	\$4,668,719.45
8. Los Angeles Engineering, Inc.	Covina, CA	\$538,103.60	\$4,690,460.10
➤ <i>Engineer's Estimate</i>		\$1,118,538	\$4,706,406

Riverside Public Utilities 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:	USS CAL Builders Inc.
Electrical Work Performed By:	RPU field forces
Anticipated Start Date:	March 1, 2018
Anticipated Duration:	12 weeks
Coordination Required With:	RPU Field Superintendent, PW Inspector
Reimbursements:	None

The breakdown for the total capital expenditure is as follows:

Description	Amount (\$)
Design, Construction Management, Inspection, Contingency	\$74,002.60
Construction Contract (City Council to Approve)	\$478,454.40
Electric Construction	\$335,543.00
Total	\$888,000.00

The Public Works Director concurs with the recommendations of this report.

FISCAL IMPACT:

The total fiscal impact is \$888,000. 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: Todd Jorgenson, Utilities Interim 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

Attachment: Presentation

Project Site Map

