

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JANUARY 10, 2022

SUBJECT: PUBLIC WORKS BID NO. 7845, STREETLIGHT INSTALLATION COMPONENT, FOR FISCAL YEAR 2020/21 COMMUNITY DEVELOPMENT BLOCK GRANT WARD 2 STREET IMPROVEMENTS FOR DWIGHT AVENUE FROM LINDEN STREET TO MINNESOTA STREET PROJECT WITH IE GENERAL ENGINEERING, INC. IN THE AMOUNT OF \$92,931.30 AND WORK ORDER NO. 2121575 FOR A TOTAL CAPITAL EXPENDITURE OF \$142,000

ISSUES:

Consider the approval of the streetlight installation component of Public Works Bid No. 7845 for Fiscal Year 2020/21 Community Development Block Grant Ward 2 Street Improvements for Dwight Avenue from Linden Street to Minnesota Street Project with IE General Engineering, Inc. in the amount of \$92,931.30 and Work Order No. 2121575 for a total capital expenditure of \$142,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Approve the streetlight installation component of Public Works Bid No. 7845 for Fiscal Year 2020/21 Community Development Block Grant Ward 2 Street Improvements for Dwight Avenue from Linden Street to Minnesota Street Project with IE General Engineering, Inc., of Beaumont, California in the amount of \$92,931.30; and
2. Approve the capital expenditure for Work Order No. 2121575 in the amount of \$142,000 which includes all design, construction, construction support, contract administration, inspection, and construction change order authority costs for the streetlight installation component of the project.

BACKGROUND:

The Community Development Block Grant (CDBG), as a part of the United States Department of Housing and Urban Development (HUD), provides annual funding to local entitlement communities for a wide range of programs, such as infrastructure, affordable housing, and economic development.

On September 15, 2020, the City Council approved and appropriated the recommendations from the Community and Economic Development Department for CDBG funding for the Program Year 2020/21. Public Works (PW) contractor will soon be starting construction work for the CDBG Ward 2 Street Improvements for Dwight Avenue from Linden Street to Minnesota Street Project.

The project will promote active transportation such as walking, biking, and any alternate way of commute besides automobile, benefiting the area residents and students at the Longfellow Elementary School, and John W. North High School, along with Patterson Park visitors.

The overall project includes the installation of new sidewalk. Riverside Public Utilities (RPU) in collaboration with the Public Works Department is tasked to install new streetlight standards and associated underground facilities along Dwight Avenue, between Linden Street and Minnesota Street. The new streetlight system will improve lighting, reliability, and safety in the area as well as improve system operations. The streetlight upgrade is in alignment with the City-wide Streetlight LED Conversion Program, as well as supports the City's efforts to improve pedestrian safety throughout the City.

DISCUSSION:

RPU Portion of the Project Scope

RPU's scope of work for this project includes the installation of seven new concrete streetlight standards, approximately 650 feet of trench, 675 feet of conduit, 925 circuit feet of secondary cables, five pull-boxes, and associated street lighting equipment. The project also includes the replacement of two distribution poles and associated overhead facilities. Intermittent electric service disruptions will be coordinated during construction and advanced outage notifications will be issued to minimize the impact to customers. RPU's work will be completed as a component of the overall project and requires close coordination with Public Works to minimize disruption in the neighborhood, and to ensure the project is completed in the most efficient manner possible.

There is significant cost savings by coordinating the construction of new electric infrastructure and related facilities with the construction of the Public Works project in the following areas: engineering and design, construction and installation, street restoration, traffic management, construction inspection, and project administration and management. Had RPU treated the construction of the concrete streetlights and associated infrastructure as an independent project, RPU's overall cost would have been higher compared to the utility component cost of the Public Works project.

Public Works Bid No. 7845

On October 4, 2021, Bid No. 7845 for the 2020/21 CDBG Ward 2 Street Improvements was posted on PlanetBids to solicit the lowest responsive and responsible bidder to construct the project. On October 28, 2021 seven bids were received (Attachment 3). The lowest responsive bid was submitted by IE General Engineering, Inc. in the amount of \$423,095.65, which is 1.2% higher of the engineer's estimate.

While the RPU Electric Utility streetlight component of the bid was not the lowest, it provides the best overall cost for the City due to coordination efficiency when compared to constructing the projects independently.

All Bids are summarized in the table below:

Rank	Vendors	Location	RPU Streetlight Installation	Total Bid Amount
1	IE General Engineering Inc.	Beaumont, CA	\$92,931.30	\$423,095.65
2	LC Paving & Sealing, Inc.	Escondido, CA	\$104,394.06	\$438,534.70
3	Hardy & Harper, Inc.	Santa Ana, CA	\$87,196.00	\$447,000.00
4	All American Asphalt	Corona, CA	\$86,937.00	\$447,191.00
5	Sequel Contractors, Inc.	Santa Fe Springs, CA	\$105,260.75	\$459,534.75
6	EBS General Engineering, Inc.	Corona, CA	\$89,415.00	\$461,856.00
Bid Withdrawn	Onyx Paving Company, Inc.	Anaheim, CA	\$92,694.00	\$379,648.85
➤ <i>Engineer's Estimate</i>			\$89,768.84	\$418,157.83

Public Works will seek approval from the City Council on January 18, 2022 to award Public Works Bid No. 7845 to the lowest responsive and responsible bidder to IE General Engineering, Inc., of Beaumont, California, for the overall project.

The project fiscal breakdown of the RPU Streetlight Installation component of the Project is as follows:

Project and Fiscal Breakdown		
Work Type	Performed By:	Amount (\$)
Project Management and Engineering	RPU Engineering Staff	\$11,916.65
Electrical Work	RPU Field Forces	\$27,858.92
Civil Contract Construction	IE General Engineering, Inc.	\$92,931.30
Civil Contingency (10% contract)		\$9,293.13
Work Order Total:		\$142,000
Anticipated Start Date:		February 2022
Anticipated Duration:		4 weeks

The costs for this expenditure are funded by the Electric Rate Schedules LS-1 and LS-2, under which the owner of the streetlights (including the City of Riverside) compensates RPU for the operation and maintenance of streetlights.

The Purchasing Manager concurs that the recommendation to award is in compliance with Purchasing Resolution 23256.

STRATEGIC PLAN ALIGNMENT:

This item contributes to Strategic Priority No. 6 *Infrastructure, Mobility and Connectivity* and the following goals:

Goal 6.1 – Provide, expand, and ensure equitable access to sustainable modes of transportation that connect people to opportunities such as employment, education, healthcare, and community amenities.

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.

Goal 6.3 – Identify and pursue new and unique funding opportunities to develop, operate, maintain, and renew infrastructure and programs that meet the community's needs.

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

1. Community Trust – The installation of sidewalks as well as the lighting improvements will improve safety in the project area and result in greater public good.
2. Equity – Providing sidewalks and improved streetlighting in the neighborhood where these services are not already provided supports an equitable distribution of services to ensure every member of the community has access to share in the benefits of community progress.
3. Fiscal Responsibility – This item represents fiscal responsibility through the selection of the lowest project bid and close coordination that will occur between RPU and Public Works provide optimal project efficiency and by effectively utilizing grant funding for the Public Works portion of the project.
4. Innovation – RPU and Public Works are committed to identifying creative solutions to effectively and efficiently meet the needs of our community members by providing innovative infrastructure improvements and upgrading street lighting to energy efficient LED technology.
5. Sustainability & Resiliency – RPU is meeting the community's changing needs and preparing for the goals set by the City to achieve carbon neutrality by 2040 and to ensure a wide variety of transportation options for the community.

FISCAL IMPACT:

The total fiscal impact is \$142,000. Sufficient funds are available in Public Utilities Electric Capital Account No. 6130000-470637.

Prepared by:	Daniel E. Garcia, Utilities Deputy General Manager
Approved by:	Todd M. Corbin, Utilities General Manager
Approved by:	Kris Martinez, Assistant City Manager
Approved as to form:	Phaedra A. Norton, City Attorney

Concurs with:	Gilbert Hernandez, Public Works Director
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Certifies availability of funds:	Edward Enriquez, Chief Financial Officer/City Treasurer
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Attachments:

1. Project Site Map
2. Public Works Bid No. 7845 Award Recommendation
3. Presentation