



STREETLIGHT INSTALLATION COMPONENT OF PUBLIC WORKS BID NO. 7845 WARD 2 STREET IMPROVEMENTS FOR DWIGHT AVENUE

Energy Delivery

Board of Public Utilities
January 10, 2022

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BACKGROUND

1. Public Works (PW) Bid No. 7845 for street improvements for Dwight Avenue from Linden Street to Minnesota Street
2. Project consists of widening street segments to City Standards and the construction of new curb, gutter, cross gutters, sidewalk, driveways, wheelchair ramps, fence relocations, and pavement resurfacing
3. Riverside Public Utilities (RPU) in collaboration with the Public Works Department is tasked to relocate poles and install new streetlight standards and associated underground facilities
4. Aligns with Envision Riverside 2025 Strategic Plan and City-wide Streetlight LED Conversion Program

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PROJECT LOCATION

1. Dwight Avenue, between Minnesota Street and Linden Street
2. Electric service disruptions will be coordinated to minimize impact to customers



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RPU SCOPE OF WORK

1. Install the following:
 - a. 7 new concrete streetlight standards and related streetlight equipment
 - b. 675 feet of underground conduit
 - c. 925 circuit feet of secondary underground cable
 - d. 5 pull-boxes and other associated equipment
2. Replace 2 distribution poles and associated overhead facilities
3. 4 weeks to complete work



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BENEFITS

1. **Improves safety in the Neighborhood**
 - a. New sidewalks provide safer walkways for pedestrians and students
 - b. Improves street lighting in the area
2. **Improves lighting system reliability**
3. **Improves system operations and safety**



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BENEFITS (CONT.)

4. **Reduced disruptions to street traffic and customers** during construction due to project coordination between RPU and Public Works
5. **Construction management savings** due to single Department managing contract tasks:
 - a. Construction and installation
 - b. Street restoration
 - c. Traffic management
 - d. Project administration and management

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BID RESULTS

Public Works Bid No. 7845 was posted on the City's Online Bid System on October 4, 2021, and closed October 28, 2021

Rank	Vendors	Location	RPU Streetlight Installation	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
	➤ Engineer's Estimate		\$89,768.84	\$418,157.83



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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



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STRATEGIC PLAN ALIGNMENT

Strategic Priority No. 6 Infrastructure, Mobility and Connectivity

Goals 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.

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation

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RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve the streetlight installation component of Public Works Bid No. 7845 for Fiscal Year 2020/2021 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.

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