



City Council Agenda Report
November 6, 2024

TO: Honorable City Council

FROM: Jesus M. Gomez, City Manager

BY: Glen W.C. Kau, P.E., Director of Public Services/City Engineer
Mario Mera, Engineering Division Manager
Run Chen, P.E., PMP, Principal Civil Engineer
Andrew Del Carpio, Assistant Engineer

SUBJECT: PROJECT NO. 7233 - APPROVAL OF CONSTRUCTION CONTRACT CHANGE ORDER FOR TRAFFIC SIGNAL IMPROVEMENTS ON FIRESTONE BOULEVARD FROM WEST CITY LIMITS TO ROSECRANS AVENUE [FEDERAL PROJECT NO. HSIPL-5347(043)] - ENGINEERS REPORT 24-18

Background:

On November 15, 2022, City Council awarded the construction contract to Select Electric Inc. in the amount of \$1,310,500 for Project No. 7233 - Traffic Signal Improvements on Firestone Boulevard from the West City Limits to Rosecrans Avenue. The project provides upgrades to traffic signal hardware, installation of new pedestrian countdown signal heads, and updates signal timing coordination at specific locations along the entire project corridor. The upgrades/improvements are expected to improve traffic flow, enhance safety with upgrades to traffic signal coordination and intersection pedestrian facilities.

Project No. 7233 has encountered several challenges that impacted the project completion schedule significantly. The total number of unexpected additional working days on this project is approximately 33 working days, including 11 rain days where inspections were required by the City to ensure compliance with requisite Best Management Practices (BMPs) during rain events. The contract time extensions are due to change order impacts caused by additional work approved by the City, unforeseen conditions, design discrepancies, and inclement weather. The unforeseen conditions and additional work have required the performance of additional construction activities.

Several change orders were administratively approved by City staff within the City Council-approved contingency of 15% of the original contract amount, which is \$196,575. However,

additional work has now resulted in exceeding the original contract contingency by \$85,265.75. The total cost of the additional work is \$128,418.21, and approval of Contract Change Order (CCO) No's 17 and 18 will increase the contract amount by \$85,266.00, bringing the total contract amount to \$1,592,341.00. The funding is necessary to cover costs of additional work approved by the City and unforeseen conditions as follows:

CCO 17 – Unforeseen Conditions: \$80,452.71

Scope: Change from direct boring to open trenching for fiber conduit crossing due to the depth of existing utilities at the intersection of Firestone Blvd and Pioneer Blvd.

CCO 18 – Design Discrepancy: \$47,965.25

Scope: Balancing change order on contract bid items 4 and 21 due to design discrepancy on actual field quantities, and additional cost to make the necessary terminations/cable patches at the hub cabinet at Firestone/Imperial Hwy.

Construction work is forecasted to achieve substantial completion in October 2024. This construction CCO is required to extend the construction contract period and authorize additional funding to cover unforeseen conditions, additional work, and delays. The requested funds will ensure the contractor has the necessary resources to complete the remaining work and finalize all closeout activities.

Fiscal Impact:

The current Fiscal Year 2024/25 project budget includes \$350,958.02 of Highway Safety Improvement Program (HSIP) grant funds. Additional funds requested for this construction CCO in the amount of \$85,266.00 will be from ^ fund.

With the proposed changes, the revised budget is as follows:

Original Construction Budget as approved at the November 15, 2022, City Council meeting was as follows:

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|----------------------------|-----------------|
| Construction Contract: | \$ 1,310,500.00 |
| 15% Contingency: | \$ 196,575.00 |
| Total Construction Budget: | \$ 1,507,075.00 |

Revised Construction Budget:

| | |
|---|-----------------|
| Construction Contract: | \$ 1,310,500.00 |
| CCO's 1 through 16 (previously approved within contingency) | \$ 153,422.79 |
| CCO's 17-18 (due to unforeseen conditions & design discrepancies) | \$ 128,417.96 |

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|---|---------------------|
| Revised Total Contract Amount Includes CCO's 01 through 18 | \$ 1,592,340.75 |
| Less Total of Construction Budget: | \$ 1,507,075.00 |
| Funds Needed to Complete the Project: | \$ 85,265.75 |

Citizens Advised:

N/A

Strategic Plan 2023 Implementation:

The recommended action will further the City's Strategic Plan Goal 2: Work in Partnership with Our Community to Achieve Safe and Livable Neighborhoods, Objective 1, Reinvest in existing and aging infrastructure.

Recommended Action:

Staff recommends City Council approve Amendment No. 2 to the agreement with Select Electric Inc. to continue the scope of work of Construction for Project No. 7233 in the amount of \$85,266.00, which will increase the agreement amount from \$1,310,500.00 to \$1,592,341.00; and authorize the City Manager to execute the amendment, on behalf of the City, in a form approved by the City Attorney.

Attachments:

N/A