



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
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SUBJECT: PROJECT NO. 7232 – APPROVAL OF CONSTRUCTION CONTRACT CHANGE ORDER FOR TRAFFIC SIGNAL IMPROVEMENTS ON ALONDRA BOULEVARD FROM HOME DEPOT TO SHOEMAKER AVENUE [FEDERAL PROJECT NO. HSIPL-5347(042)] – ENGINEERS REPORT 24-17

Background:

On December 6, 2022, City Council awarded the construction contract to Select Electric Inc. in the amount of \$1,595,850.00 for Traffic Signal Improvements on Alondra Boulevard between the Home Depot Signal and Shoemaker Avenue; Project No. 7232. The project provides upgrades to traffic signal hardware, installation of new pedestrian countdown signal heads, install American with Disabilities Act (ADA) compliant curb ramps, and updates signal timing coordination at specific locations along the entire project corridor. The upgrades/improvements are expected to improve traffic flow, enhance safety through upgrades to traffic signal coordination and intersection pedestrian facilities.

Project No. 7232 has encountered several challenges that impacted the project completion schedule significantly. The total number of unexpected additional working days on this project is approximately 62 working days, including 12 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, inclement weather, and delay impacts caused by utility company, Southern California Edison (SCE). 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 25% of the original contract amount, which is \$398,962.50. However, additional unforeseen work has now resulted in exceeding the original contract contingency by \$224,051.90. The total cost of the additional work is \$299,573.57, and approval of Contract Change Order No's. (CCO) 24-25-26-27-28-29-30-31 and 32 will increase the contract amount by \$224,051.90, bringing the total contract amount to \$2,218,864.40. This additional funding is necessary to cover the cost of unforeseen conditions, design discrepancies, and delays caused by SCE as follows;

- CCO 24 – Design Discrepancy: \$101,029.67
Scope: Install additional 2" DLC conduit at the intersection of Alondra Blvd & Studebaker Road, as per RFI 54 response and Field Directive #02.
- CCO 25 – Unforeseen conditions: \$622.74
Scope: Installation of luminaire arms separately from Poles A & C at Alondra Boulevard & Studebaker Road due to overhead SCE high voltage lines interference with the original designed arm height.
- CCO 26 – Unforeseen conditions: \$844.89
Scope: Relocate and pour a new cabinet foundation at 18" above grade at Alondra Boulevard & Studebaker Road, per RFI 51 response.
- CCO 27 – Design Discrepancy: \$9,143.51
Scope: Troubleshoot DLC loops at the intersections of Alondra Boulevard and Studebaker Road & Alondra Boulevard and Pioneer Boulevard due to mismatched field wiring and construction plans.
- CCO 28 – Design Discrepancy: \$12,029.64
Scope: Install additional CAT 6 cables up poles and into radios, terminating inside cabinets at various intersections along Alondra Blvd.
- CCO 29 – Unforeseen conditions: \$12,814.99
Scope: Additional trenching and PCC restoration work at the intersection of Alondra Boulevard & Pioneer Boulevard as part of CCO 12 scope.
- CCO 30 – Design Discrepancy: \$79,076.62
Scope: Additional scope of work due to SCE project plan changes released after the time of the bid advertisement.
- CCO 31 – Unforeseen conditions: \$6,171.51
Scope: Break up sidewalk, re-route conduits, and restore the area due to the relocation of Pole A foundation at Alondra Boulevard & Studebaker Road.
- CCO 32 – Design Discrepancy: \$77,840.00

Scope: Balancing change order on contract bid items 6, 11, and 29 due to design discrepancy on actual field quantities.

Construction work is forecasted to achieve substantial completion in October 2024. This construction contract change order 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 remaining budget for the current Fiscal Year 2024/25 budget for the project is \$70,633.41 of Highway Safety Improvement Program (HSIP) funds, \$41,622.92 of Measure R funds, and \$968,258 of Measure M funds for a total of \$1,080,514.33. The additional funds required for this construction contract change order are in the amount of \$224,051.90 and will come from Highway Safety Improvement Program (HSIP) funds.

With the changes proposed, the revised budgets are as follows:

Original Construction Budget as approved on December 6, 2022 City Council meeting to award construction contract was as follows:

Construction contract:	\$1,595,850.00
25% Contingency:	\$398,962.50
Design Construction Support	\$34,675.00
Total Construction Budget:	\$2,029,487.50

Revised Construction Budget:

Construction contract:	\$1,595,850.00
CCO's 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23 (Previously approved within contingency)	\$323,440.83
CCO's 24-25-26-27-28-29-30-31-32 (Change Orders due to unforeseen conditions and design discrepancies)	\$299,573.57
Revised Total Contract Amount Including CCO's 01-32	\$2,218,864.40
Minus: Construction contract + 25% Contingency:	\$1,994,812.50
Funds Needed to Complete the Project	\$224,051.90

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 an Amendment No. 2 to the agreement with Select Electric Inc. to continue the scope of work of Construction for Project No. 7232 in an amount of \$224,051.90 of Highway Safety Improvement Program (HSIP) funds, which will increase the agreement amount from \$1,595,850 to \$2,218,864.40; and authorize the City Manager to execute the amendment on behalf of the City, in a form approved by the City Attorney.

Attachments:

Campaign Contribution Form