



## Staff Report

July 18, 2022 Council Workshop Meeting

Citywide Traffic Signal Controller Upgrades Contract Update

Presenter: James Carothers, Engineering Manager

Time Estimate: 5 Minutes

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**BACKGROUND:** The Cities of Battle Ground, Camas and Washougal have received a WSDOT administered federal grant for traffic signal controller upgrades. The purpose of this project is to increase the efficiency of traffic signals citywide and to integrate them into the Clark County Central Traffic System. Integrating with the County system will allow for adjustment of signal timing, performance monitoring and troubleshooting to be performed by the County remotely. Based on the attached interagency reimbursable agreement executed in 2021, the City of Battle Ground is the lead agency and is responsible for awarding bids for construction. The project bids were opened in June 2022 and are deemed to be reasonable by Camas staff. It is anticipated that the City of Battleground will award the contract to the low bidder on July 18, 2022. For Council's reference, the bid tabulation spreadsheet is attached. The Camas portion of the bids are Schedules 2A and 2B.

**SUMMARY:** The project was initially bid in March 2021 and exceeded estimated construction costs by more than 60 percent. The project was then revised to reduce construction costs and was rebid. Revisions included purchasing traffic signal equipment directly from the supplier instead of having the contractor supply it and charge a markup. The project will include costs that are not part of the contractors bid. The Camas costs are shown in the table below and were determined using quotations received earlier this year. Final costs may vary and will not be finalized until the bid is awarded to the contractor.

Contractor's bid (low bid)	\$161,953
10% Contingency	\$16,000
Clark County Construction Support	\$7,000
Traffic Signal Equipment (City purchased)	\$83,000
Software Licensing	\$11,000
Remaining Consultant Fees	\$18,000
<b>Total Estimated Project Cost</b>	<b>\$297,000 +/-</b>

## **EQUITY CONSIDERATIONS:**

What are the desired results and outcomes for this agenda item?

To inform Council that the project will be awarded by City of Battleground.

What's the data? What does the data tell us?

Not applicable.

How have communities been engaged? Are there opportunities to expand engagement?

Not applicable.

Who will benefit from, or be burdened by this agenda item?

All motorists will benefit from shorter wait times at traffic signals and added system reliability. No parties are expected to be burdened.

What are the strategies to mitigate any unintended consequences?

Coordination with Clark County will ensure that the correct models of equipment are ordered and that the County standard equipment quality control process is followed.

Does this agenda item have a differential impact on underserved populations, people living with disabilities, and/or communities of color? Please provide available data to illustrate this impact.

No

Will this agenda item improve ADA accessibilities for people with disabilities?

It will have no effect on ADA accessibility.

What potential hurdles exist in implementing this proposal (include both operational and political)?

No operational or political hurdles have been identified.

How will you ensure accountabilities, communicate, and evaluate results?

Through coordination with Clark County and the Cities of Battleground and Washougal.

How does this item support a comprehensive plan goal, policy or other adopted resolution?

Street Policy T-1.2: Support street efficiency improvements.

**BUDGET IMPACT:** The 2022 adopted Budget allocates \$307,000 for this project, exceeding the total estimated project cost. The Camas portion of the federal construction grant is \$120,000. The remaining budget to support the project will come from the street fund.

**RECOMMENDATION:** This item is informational only. As Battle Ground is the lead agency there are no further actions required by Council.