

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE:	Motion to Authorize the City Manager to Execute a Contract for Professional Services with Evergreen Traffic Engineering for Aurora Transit and Signal Timing Services in an Amount Not to Exceed \$89,262
DEPARTMENT:	Public Works
PRESENTED BY:	Tricia Juhnke, City Engineer
ACTION:	<input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Discussion <input type="checkbox"/> Public Hearing

PROBLEM/ISSUE STATEMENT:

Staff is requesting Council to authorize the City Manager to execute a contract with Evergreen Traffic Engineering to develop new signal coordination plans and Transit Signal Priority (TSP) settings for 14 signals on Aurora Avenue. To select Evergreen Traffic Engineering, a Request for Qualifications (RFQ 8400) was issued and three (3) proposals were received. After a staff panel review of the proposals, Evergreen Traffic Engineering was selected as the firm most qualified to meet the City's needs.

RESOURCE/FINANCIAL IMPACT:

Funding for the engineering services comes from King County as part of an agreement with the City to update signal timing and equipment on Aurora Avenue N from N 152nd Street to N 205th Street.

RECOMMENDATION

Staff recommends that Council move to authorize the City Manager to execute a contract for professional services with Evergreen Traffic Engineering in an amount not to exceed \$89,262.

Approved By: City Manager **DT** City Attorney **JA-T**

BACKGROUND

This project is made possible through an agreement between King County and the City of Shoreline for the design and construction of the Aurora Avenue Project in Shoreline. Along with the installation of a fiber optic communication system, signal cabinet upgrades, business access and transit (BAT) lanes, and new transit stop shelters, the County will pay the City to update the equipment and traffic signal timing plans between N 152nd Street and N 205th Street.

The new signal timing plans will also update the Transit Signal Priority (TSP) settings for the King County RapidRide E-Line running on Aurora Avenue. TSP is a tool that will help make transit service more reliable while updated signal timing will ensure equitable delays for all modes of transportation at signalized intersections.

To ensure the effectiveness of signal timing and TSP, four components are needed: accurate vehicle detection, reliable communications, priority control strategies, and a central system to collect data. Utilizing Evergreen Traffic Engineering's extensive field experience in signal timing and signal equipment enables City staff and King County Metro staff to be confident on the success this project.

DISCUSSION

To select a consultant to provide these services, a Request for Qualifications (RFQ 8400) was issued and three (3) proposals were received. After a staff panel review of the proposals, Evergreen Traffic Engineering was selected as the firm most qualified to meet the City's needs.

Not awarding this contract to Evergreen Traffic Engineering would result in the utilization of in-house staff in order to fulfill the City's signal retiming commitments with King County. This would result in the loss of awarded grant funding and would delay other priority traffic projects, such as work on the Neighborhood Traffic Safety Program (NTSP). Additionally, it may not be possible to complete the Transit Signal Priority and signal retiming work within the agreed to time frame. Based on this alternative option, staff recommends utilizing an external consultant to provide professional traffic engineering services.

COUNCIL GOAL(S) ADDRESSED

This project addresses City Council Goal #2: Improve Shoreline's utility, transportation and environmental infrastructure.

RESOURCE/FINANCIAL IMPACT

Funding for the signal timing services comes from King County as an agreement with the City of Shoreline to upgrade equipment and signal timing to improve transit reliability on Aurora Avenue N from N 152nd Street to N 205th Street.

RECOMMENDATION

Staff recommends that Council move to authorize the City Manager to execute a contract for professional services with Evergreen Traffic Engineering in an amount not to exceed \$89,262.