

CITY COUNCIL AGENDA TOPIC

Resolution authorizing the execution of an amendment to the Professional Services Agreement with Transpo Group USA, Inc. in an amount up to \$83,785.91, plus all applicable taxes, to continue providing project management services and engineering support for Bellevue's SMART grant project, Real-Time Signal Safety Intervention (RTSSI). The RTSSI project is funded through a federal grant from the USDOT which commenced in September 2024.

Chris Long, Assistant Director, 452-6013

Daniel Lai, Smart Mobility Manager, 452-6178

Kirk Neibert, Transportation Technology Partnership Manager, 229-6629

Transportation Department

EXECUTIVE SUMMARY

ACTION This Resolution authorizes the execution of an amendment to the Professional Services Agreement with Transpo Group USA, Inc. in the amount of \$83,785.91, plus all applicable taxes, to continue providing project management services and engineering support for Bellevue's SMART grant project, RTSSI.

RECOMMENDATION

Move to adopt Resolution No. 10569

BACKGROUND/ANALYSIS

In September 2024, the City of Bellevue was awarded a \$1.43M USDOT Strengthening Mobility and Revolutionizing Transportation (SMART) grant. Bellevue's SMART grant project is called Real-Time Traffic Signal Safety Intervention (RTSSI) and is aimed at piloting and prototyping advanced sensors that can detect pedestrians, cyclists, and other vulnerable road users to effectuate safety use cases at traffic signalized intersections.

To successfully deliver on the grant project, city staff needed additional consultant support to meet the accelerated project timeline for the grant (18 months). The Transportation Department released a Request for Proposals (RFP) and selected Transpo Group USA, Inc. as the engineering firm that would provide engineering support for the project.

This amendment distributes additional grant funding to Transpo Group and adds an additional scope of work, a Final Implementation Plan, which is due to the USDOT at the end of the grant performance period. Transpo Group will continue to support the city in evaluating the efficacy and accuracy of the RTSSI safety use cases and will conclude the project by documenting all project results in the Final Implementation Plan.

The results from this project and findings that will be documented in the Final Implementation Plan are also a precursor to a SMART Phase 2 grant submission, as it demonstrates readiness to scale the technology across Bellevue and to other cities.

POLICY & FISCAL IMPACTS

Policy Impact

This project is consistent with the **City's Comprehensive Plan**:

- **TR-18.** Ensure that the transportation network infrastructure in Bellevue provides mobility options for all modes and accommodates the mobility needs of everyone, including underserved populations.
- **TR-31.** Monitor and implement as appropriate, emerging technologies that are intended to improve mobility, safety, efficiency and people-moving capacity on existing and planned transportation network facilities.

Fiscal Impact

This action will obligate the City to an additional amount not to exceed \$83,785.91, plus all applicable taxes, with Transpo Group USA, Inc., to provide additional engineering support on the SMART grant project, for a total amended contract amount of \$433,347.31, plus all applicable taxes. Sufficient funding for this work is provided by the USDOT federal grant budgeted in the Smart Mobility Plan Implementation Program (CIP Plan No. PW-R-156).

Professional Services Agreement with Transpo Group USA, Inc.	
Original Contract - No. 2450349	\$349,561.40
Amendment No. 1 (Tonight's Action)	83,785.91
New Contract Total Amount	\$433,347.31

OPTIONS

1. Adopt the Resolution authorizing the execution of an amendment to the Professional Services Agreement with Transpo Group USA, Inc. in an amount up to \$83,785.91, plus all applicable taxes, to continue providing project management services and engineering support for Bellevue's SMART grant project, Real-Time Signal Safety Intervention (RTSSI). The RTSSI project is funded through a federal grant from the USDOT which commenced in September 2024.
2. Do not adopt the Resolution and provide alternative direction to staff.

ATTACHMENTS

- A. City of Bellevue SMART Grant Proposal
- B. CIP Project Description (PW-R-156)
- Proposed Resolution No. 10569

AVAILABLE IN COUNCIL LIBRARY

Professional Services Agreement (and Proposed Amendment)