
Program to Advance Connectivity and Automation in the Transportation System

Recommendation

That the Standing Policy Committee on Finance recommend to City Council that His Worship the Mayor and the City Clerk be authorized to execute and deliver the Contribution Agreement for the Capacity Building Project approved for funding under the Program to Advance Connectivity and Automation in the Transportation System.

Topic and Purpose

The purpose of this report is to receive City Council approval for the execution and delivery of the Contribution Agreement for the Capacity Building Project funding under the Program to Advance Connectivity and Automation in the Transportation System (ACATS).

Report Highlights

1. The Administration applied for two projects under the ACATS program.
2. Funding was approved under the ACATS program for the City of Saskatoon's (City) Capacity Building Project.

Strategic Goal

This report supports the long-term strategy of leveraging technology and emerging trends to reach the City's goals, serve citizens and connect meaningfully with stakeholders under the Strategic Goal of Continuous Improvement.

Background

On September 28, 2017, Transport Canada announced the first Calls for Proposals under the ACATS program. The ACATS program was created to support jurisdictions and stakeholders in the safe and timely integration of powerful information technologies, smart infrastructure, and new sources of data facilitating the expansion of connectivity and automation in Canada's transportation system.

Report

Application to ACATS Program

On November 29, 2017, the Administration applied for two projects under the ACATS program. The first project was for Connected and Autonomous Vehicle (CAV) Infrastructure Upgrades in the northwest quadrant of Saskatoon. This proposed project was to ensure the City's traffic signal control technology is capable of supporting planning and preparation for potential CAV trials and deployment. The scope of work included the acquisition and installation of equipment and software to prepare for communication needs of future CAV technologies. Unfortunately, the City did not receive approval for this project.

Funding Approval

The second project the Administration applied for and will receive funding for was the ACATS Capacity Building Project. The approved ACATS Capacity Building Project supports learning opportunities to develop highly qualified personnel in the areas of connectivity, automation, and cybersecurity. City staff will attend conferences and webinars on services, infrastructure, policies and law surrounding CAVs, as well as traffic signal certification. It is estimated the project will cost an average of \$6,250 per year for the next four years. A Contribution Agreement between Transport Canada and the City will be required for the ACATS Capacity Building Project.

Options to the Recommendation

City Council can choose not to endorse the execution and delivery of the Contribution Agreement. The Administration does not recommend this option as the City would lose funding for the Capacity Building Project.

Financial Implications

The ACATS program will fund 100% of eligible expenditures for the ACATS Capacity Building Project up to a total of \$25,000 over a four-year period.

Other Considerations/Implications

There are no policy, environmental, privacy, or CPTED implications or considerations, and neither public and/or stakeholder involvement nor a communication plan is required.

Due Date for Follow-up and/or Project Completion

The ACATS Capacity Building Project must be completed by March 31, 2022.

Public Notice

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

Report Approval

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