



The Corporation of the City of Cornwall
Regular Meeting of Council
Report

Department: Financial Services
Division: Purchasing
Report Number: 2020-310-Financial Services
Prepared By: Nicole Robertson, Supervisor
Meeting Date: July 13, 2020
Subject: Transit Fare Collection System Upgrade

Purpose

To obtain Council approval to award a contract for the upgrade to the Cornwall Transit Fare Collection System.

Recommendation

That Council approve a non-competitive procurement for the upgrades to the Cornwall Transit Fare Collection System for a total of \$669,130 without HST (net cost to Corporation - \$680,906.70) plus installation to Garival Incorporation.

Financial Implications

The Corporation has budgeted \$650,000 in the 2020 Capital Budget for Phase 1 of the upgrades to fare collection system and \$650,000 in 2021 for Phase 2.

The cost of Phase 1 of the project will be funded through the Investing in Canada Infrastructure Program (ICIP), as follows:

Funding Source	Portion	Funding amount
Federal Government	50.00%	\$340,453.35
Province of Ontario	33.33%	\$226,946.20
City of Cornwall	16.67%	\$113,507.15
Total Cost		\$680,906.70



The City of Cornwall portion will be financed, with borrowing costs (principal and interest) funded by the tax base.

Strategic Priority Implications

An upgraded fare collection system supports the Corporation's strategic plan pillars by promoting easier transportation options for a skilled labour force, allowing citizens flexible housing in neighbourhoods of their choice, and is a tool in environmental sustainability.

Background / Discussion

Garival Incorporated is the sole Canadian distributor of Genfare Collection Systems presently used by Cornwall Transit. Cornwall Transit's present farebox system is approximately 20 years old and was refurbished 10 years ago. The present fareboxes will be obsolete within 5 years and replacement parts will become an issue. The project will include renewing/upgrading parts of the farebox collection system that will no longer be supported in the future. Most importantly the new fare collection infrastructure will incorporate new technologies to support evolving fare models and address the new post COVID-19 reality. The goal of this project is to install fareboxes and supporting infrastructure that have the ability to receive pennies, if necessary, or to use a smart phone, and all other fare payment options that passengers may wish to use. The project includes purchase and installation of 16- 36" high Canadian Odyssey fareboxes for conventional buses and 10 shorter 31" high Canadian Odyssey fareboxes for Handi-Transit buses.

Some elements already in place that do not need to be upgraded are the garage data systems, vaults, and the probe units.

The proposed elements to be upgraded are coin, tokens, and bills validation, Quick Response (QR) barcode reading capabilities, QR barcode transfers, smart card reading/encoding capabilities that can be enabled in the second phase and Integrated Ethernet interface.

The proposed farebox will be entirely compatible with the existing vaults, back-end systems and can be interfaced with existing technologies in the bus such as the Automatic Vehicle Location (AVL) system, destination signs, and voice annunciation system. This will allow drivers to use the farebox keypad to sign-in to all above mentioned systems in a single entry.

The upgrade system project will be supported by the current software maintenance and support agreement. A timely on-site installation will be



coordinated and will include new COVID-19 sanitary measures. A full warranty package will be established that includes replacement parts and labour.

Accessibility Impact

Fare options will be standard throughout both the conventional and Handi-Transit systems. This will continue to allow fare parity for persons with disabilities that will allow easy flexible fare payment options.

Document Title:	Non-Competitive - Cornwall Transit Fare Collection System Upgrade - 2020-310-Financial Services.docx
Attachments:	
Final Approval Date:	Jul 7, 2020

This report and all of its attachments were approved and signed as outlined below:

Bill de Wit - Jul 6, 2020 - 12:28 PM

Tracey Bailey - Jul 7, 2020 - 7:28 AM

Maureen Adams - Jul 7, 2020 - 2:54 PM