

**Date:** 2020-11-17

**Subject:** Replacement of On-board Cameras and Video Recorders on Brampton Transit Buses

**Secondary Title:** Request to Begin Procurement – For the Replacement of On-board Cameras and Video Recorders on Brampton Transit Buses

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**Report Number:** Brampton Transit-2020-422

**Recommendations:**

1. That the report titled; **Request to Begin Procurement - For the Replacement of On-board Cameras and Video Recorders on Brampton Transit Buses (EG.x/2020)**, to the Committee of Council meeting of December 2, 2020, be received; and
2. That the Purchasing Agent be authorized to begin procurement for the **Replacement of On-board Cameras and Video Recorders on Brampton Transit Buses.**

**Overview:**

- To obtain authorization to begin procurement for the Replacement of On-board Cameras and Video Recorders on Brampton Transit Buses for a Six (6) Year Period with the option to renew the Contract for Two (2) Additional Two (2) Year Periods.
- Existing on-board cameras and video recorders on Transit buses are at the end of their useful life, requiring replacement.
- Upgrades to include newer technologies such as digital cameras and new features and functions, such as tamper proof and higher quality of video to continue providing increased safety for our riders and operators.

- **This project is funded through the Investing in Canada Infrastructure Program (ICIP).**
- **Staff is requesting authorization to engage a qualified vendor to provide a turnkey solution to replace the existing on-board security equipment, fleet-wide.**
- **A competitive procurement process will be utilized to ensure that the supplier offering the highest valued solution will be contracted by the City.**

### **Background:**

The existing security cameras and Digital Video Recorders (DVR's) were originally installed on the bus fleet over 10 years ago, as part of the Smartbus Program. This equipment is reaching the end of its useful life.

The security cameras ensured the safety of our riders and operators. Video footage is required for many reasons including safety reviews, collisions and claim investigations. Additionally, video footage captured onboard buses is often relied upon to assist in active Police investigations.

### **Current Situation:**

DVRs over the past 18 months have started to fail and we have been replacing them on a fix-as-fail basis. This new project will replace cameras and DVRs on the entire bus fleet, which includes approximately 133 Brampton Rapid Transit (Züm) vehicles and approximately 327 Conventional route vehicles. Upgrades include newer technologies (digital cameras) and new features and functions (tamper proof, higher quality of video) to continue providing increased safety for our riders and operators.

### **Corporate Implications:**

The new security equipment on-board Transit buses will provide numerous benefits for the City of Brampton. Instances of lost or unavailable video footage currently experienced will be reduced. Having reliable equipment onboard buses will ensure that any traffic collisions or other incidents which may compromise the safety of riders and the public are captured and readily available as resources for impending claims or Police investigations. This will result in improved accuracy of claims being resolved, and greater accountability of any parties responsible.

Overall, the Transit Bus camera system upgrade will result in greater safety for Transit riders, Transit operators and the general public.

## **Purchasing Comments:**

A public Procurement Process will be conducted and the Bid submissions shall be evaluated in accordance with the published evaluation process within the bid document. Purchase approval shall be obtained in accordance with the Purchasing By-law.

All communication with Bidders involved in the procurement must occur formally, through the contact person identified in the Bid Document.

## **Financial Implications**

Funding for the replacement of Transit on-board camera's and digital video recorders (DVR's) is available from capital project #194610-001. This project was approved by City Council as part of the 2020 budget process and recently received final (Federal) approval for funding through the Investing in Canada Infrastructure Program (ICIP) in July 2020.

## **Term of Council Priorities:**

This report achieves the Strategic Plan of Move and Connect by keeping people moving efficiently by maintaining Transit's fleet of urban Transit buses in a state of good repair, ensuring seamless delivery of Transit services to the community.

## **Living the Mosaic – 2040 Vision**

This report directly aligns with the vision that Brampton will be a mosaic of safe, integrated transportation.

## **Conclusion:**

It is recommended by staff that Council authorize the Purchasing Agent to commence procurement, as described in this report.

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