

Clause 4 in Report No. 2 of Committee of the Whole was adopted, without amendment, by the Council of The Regional Municipality of York at its meeting held on February 18, 2016.

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Cooperative Purchasing Contract for Red Light Camera System

Committee of the Whole recommends adoption of the following recommendations contained in the report dated January 21, 2016 from the Commissioner of Transportation Services:

1. Recommendations

It is recommended that:

1. Council authorize entering into a contract with Traffipax LLC for the supply and installation of 20 new red light cameras as well as the ongoing operation and maintenance of the overall expanded system which includes 20 existing cameras and 20 new cameras.
2. The term of the contract be for a period of five years, commencing January 1, 2017, subject to budget approval, for an estimated total of \$5,500,000, excluding taxes, pursuant to the co-operative purchasing provisions of the Purchasing Bylaw.
3. The Commissioner of Transportation Services be authorized to exercise an option to renew the contract for an additional five years, commencing January 1, 2022, to operate the red light camera system, subject to budget approval, for an estimated total of \$4,000,000, excluding taxes.
4. The Commissioner of Transportation Services be authorized to execute the contract, subject to review by Legal as to form and content.

2. Purpose

The purpose of this report is to seek Council approved authority to enter into a contract with Traffipax LLC, pursuant to the co-operative purchasing provisions in Section 12 of the Purchasing Bylaw No. 2014-53, to supply and install 20 new red light cameras and to operate and maintain the expanded red light camera system of a total of 40 cameras.

3. Background

Red light cameras have proven to be successful in reducing right angle collisions

Since fall of 2013, red light cameras have been operational at 20 intersections on Regional roads. As of August 2015, right angle collisions at these intersections were reduced by 60 per cent (from 134 collisions down to 51 collisions) over the first 18 months of operation. Experience in other jurisdictions suggests that, over time, a right angle collision reduction of 25 to 30 per cent is more likely. A 25 to 30 per cent reduction is still significant and meets the safety objectives of the program. In the fall of 2016, updated reporting on right angle collisions will be provided to Council in the Annual Traffic Safety report in the fall of 2016.

Existing operating and maintenance contract for the red light camera system will expire at the end of 2016

The installation of 20 red light cameras was completed in early 2014. As a requirement to establish the Red Light Camera Program, the Region entered into contracts with the Province, City of Toronto and the red light camera contractor, Traffipax LLC, for the supply, installation, operation and maintenance of the red light camera system. The existing red light camera operation and maintenance contract will expire on December 31, 2016.

Council approved the expansion of the red light camera system to improve safety on the Regional road network

As part of the Traffic Safety Status Report 2015, presented to Council in June, 2015, Council approved the expansion of the Red Light Camera Program to add 20 new red light cameras at additional locations throughout the Region.

Staff have been working with the City of Toronto and other municipalities to select a red light camera contractor

Staff have been working with the City of Toronto, and other municipalities participating in the Red Light Camera Program, on a Request for Proposal (RFP) to select a red light camera system contractor. The new contract needs to be in place in early 2016 to ensure sufficient time to have new red light camera locations operational at the start of 2017. The new contract will include the installation of 20 new red light cameras in the Region and the operation and maintenance of the expanded system of a total of 40 red light cameras.

4. Analysis and Options

A preferred contractor has been identified under a cooperative purchasing arrangement

The Region, along with other municipalities that operate red light cameras, participated in the City of Toronto's Request for Proposal No. 9148-15-5000 for "The Supply, Installation, Operation, and Maintenance of Red Light Camera Systems within the City of Toronto and Other Municipalities within Ontario." The RFP was released by the City of Toronto in April 2015.

The Proposal Evaluation Committee, consisting of representatives from participating municipalities including the Region, evaluated the proposals received and selected Traffipax LLC as the preferred contractor. Traffipax LLC is the same contractor that operates the Region's existing red light camera system.

The City of Toronto has received authorization from their Council to enter into a contract with Traffipax LLC

The City of Toronto's Council authorized their staff to enter into a contract with Traffipax LLC in October 2015. Traffipax LLC was the highest overall scoring proponent meeting the requirements of the RFP for the supply, installation, operation, maintenance and future removal of the red light camera system for the period of five years, commencing January 1, 2017, with an option to renew for an additional five years.

Cooperative Purchasing Contract for Red Light Camera System

To be cost-effective, the Red Light Camera Program is delivered by one contractor for all participating municipalities in Ontario

Given the large costs associated with the operation of the system, a shared Red Light Camera Program among all participating municipalities is the only cost-effective operational model. As a result, all participating municipalities in Ontario must retain the same contractor for the supply, installation, operation, and maintenance of the red light camera system. Each participating municipality is responsible for entering into a separate contract.

Link to key Council-approved plans

This report links to the following Council-approved plans and policies:

2015 to 2019 Strategic Plan

- Expanding the red light camera system is a key element of the Region's Traffic Safety Program and aligns with the priority area to support community health and well-being.

5. Financial Implications

The contractor costs include the supply and installation of 20 new red light cameras as well as operation, maintenance and decommissioning of the overall red light camera system, a total of 40 locations, for a five-year period commencing in 2017. This includes an option to extend for an additional five-year period to 2026. The total estimated cost for the contract, from 2017 to 2021, is \$5,500,000 and, from 2022 to 2026, is \$4,000,000, excluding taxes.

Additional costs associated with the Red Light Camera Program include Ministry of Transportation Access to Vehicle Ownership costs and City of Toronto Joint Processing Centre shared costs. These annual operating costs are included in the outlook years of the 2016 approved budget.

6. Local Municipal Impact

Red light cameras are most beneficial along busy arterial roads under the Region's jurisdiction. Currently, no local municipalities in the Region participate in the program. However, local municipalities benefit from the driver behaviour changes influenced by the Region's Red Light Camera Program.

7. Conclusion

Red light cameras have proven to be successful in reducing collisions in the Region. Council approved the expansion of the red light camera system in June 2015 to improve safety on the Regional road network. Existing operating and maintenance contract for the red light camera system will expire at the end of 2016.

Staff have been working with the City of Toronto and other municipalities who participate in the Red Light Camera Program to select a new red light camera contractor. A preferred contractor has been identified under a cooperative purchasing arrangement led by the City of Toronto. The City of Toronto received authorization from their Council to enter into a contract with the preferred contractor, Traffpax LLC, in October of 2015. To be cost-effective, the Red Light Camera Program is delivered by one contractor for all participating municipalities in Ontario.

It is recommended that Council authorize the Commissioner of Transportation Services to execute a contract with Traffipax LLC to install, operate and maintain the red light camera system in the Region for a period of five years commencing in 2017. It is also recommended that Council authorize the Commissioner of Transportation Services to exercise the option to renew the contract for an additional five years, subject to budget approval.

For more information on this report, please contact Brian Titherington, Director, Roads and Traffic Operations, Transportation Services at ext. 75901.

The Senior Management Group has reviewed this report.

January 21, 2016

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