



SUBJECT: Single Source Report – Two-way Radios

TO: Environment, Infrastructure & Community Services Cttee.

FROM: Roads, Parks and Forestry Department

Report Number: RPF-21-22

Wards Affected: N/A

File Numbers: 202-01

Date to Committee: July 7, 2022

Date to Council: July 12, 2022

Recommendation:

Approve the single source purchase of two-way radios from Motorola Solutions, including in-cab vehicle radios and handheld two-way radios on an ongoing basis, with a 2022 upset purchase price of \$400,000 (including net HST); and

Approve the standardization of Motorola Solutions for two-way radios to align with Halton Regional Police Services (HRPS) radio system standard until a competitive procurement process is required by HRPS.

PURPOSE:

In order to comply with Procurement By-law 04-2022, Section 22.1, Council approval is required for non-competitive procurement with a value greater than \$100,000. The purpose of this report is to seek approval to proceed with a single source purchase and standardization of two-way radios from Motorola Solutions to align the City's communications devices with Halton Regional Police Service's (HRPS) radio communication system.

Vision to Focus Alignment:

- Deliver customer centric services with a focus on efficiency and technology transformation

Background and Discussion:

In 2011, the City of Burlington took part in a cooperative Request for Tender (RFT) with the Region of Halton, Town of Milton and Town of Oakville to replace the City's two-way radios. The term of this RFT has since expired.

As the RFT has expired, the City requires new two-way radios to replace handheld and in-cab vehicle radios utilized by RPF, Transit, Fire and Parking Enforcement, which have reached the end of their service life and require replacement. The estimated number of radios requiring replacement are 150 in-cab vehicle radios and 30 handheld radios.

This single source request is to both authorize acquisition of new radios and align our radio system standard to the Motorola Solutions P25 radio system, as utilized by HRPS, which offers enhanced safety features and a robust support network. Some of the enhanced safety features will also support the City's working alone best practices. In addition, procuring Motorola Solutions radio's will ensure our communications system can integrate with HRPS's back-end radio systems to ensure interoperable communications during emergencies.

Strategy/process

Staff consulted with Fire, Transit, Parking Enforcement to determine radio requirements within the City for day to day use and for emergency use. It was determined that a radio system that can communicate within the City, as well as with Halton Regional Police Services on encrypted channels, and has multiple variations for different applications would be the most suitable solution.

Staff also consulted with the Town of Oakville, Town of Milton, and Region of Halton to determine what radio systems are being used in the region and when other Municipalities will need to procure new radios. The Municipalities agreed that a cooperative Request for Tender (RFT) would be the best approach for the purposes of standardization and expressed interest in partnering with the City of Burlington for this RFT, which will be planned to align with Halton Regional Police Service's needs and current contract expiry.

Options Considered

Awarding a Request for Tender to an alternative vendor will increase the risk of incompatibility of the City's radio system with HRPS's radio system. The City would also need to increase the length of the current support contract if our radios became no longer compatible with HRPS's radio system. Additionally, the City would need to consider compatibility and network coverage with potential alternative vendors to ensure service levels can be met.

Financial Matters:

This purchase will support ongoing operations within RPF and will allow other departments within the City to procure two-way radios using this standardization and contract. The total spend for two-way radio replacements in 2022 and 2023 will be an upset limit of \$800,000 (including net HST), pending 2023 budget approval.

Total Financial Impact

Council approval of \$400,000 for the replacement of two-way radios was granted in 2022 in Capital Order VR0128. An additional \$400,000 (including net HST) will be budgeted in 2023 bringing the total replacement cost of 2-way radios to an upset limit of \$800,000 (including net HST) over the next two years.

Source of Funding

The source of funding for the 2-way radio replacements is VR0128.

Other Resource Impacts

Not applicable.

Conclusion:

RPF Fleet Services and Business Services, in consultation with Procurement Services recommend that Council approve the single source the award to Motorola Solutions for two-way radio replacements.

Respectfully submitted,

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Manager of Fleet Services
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Report Approval:

All reports are reviewed and/or approved by Department Director, the Chief Financial Officer and the Executive Director of Legal Services & Corporation Counsel.