

Staff Report 2023-0210

Meeting Date: June 6, 2023

Subject: Request to Award a Single Source Contract for Various Fire and Emergency Services Equipment

Submitted By: Dave Pelayo, Deputy Fire Chief, Fire Prevention and Training, Fire and Emergency Services
Dan Rowland, Deputy Fire Chief, Operations, Fire and Emergency Services

RECOMMENDATION

That PPE Solutions be awarded a single-source contract for \$245,689.34 including non-recoverable HST for 80 sets of bunker gear; and

That Motorola Solutions Canada Inc. be awarded a single-source contract for \$84,152.63 including non-recoverable HST for 7 APX NEXT XE Single Band portable radios.

REPORT HIGHLIGHTS

- In accordance with the Town's Purchasing Bylaw, all single source contracts over \$50,000 require Council approval prior to award.
- 2023 single source replacement and standardization strategy for firefighting bunker gear replacement
- Single source contract to purchase smart portable radio providing for improved transmission coverage and firefighter safety

DISCUSSION

Bunker Gear and Personal Protective Equipment (PPE) Replacement

In accordance with legislative requirements and industry best practice Fire and Emergency Services has developed a Personal Protective Equipment (PPE) replacement strategy. This strategy is based on the Occupational Health and Safety Act (OSHA) and industry standards contained in National Fire Protection Association (NFPA) 1851 "Standard on Selection, Care and Maintenance of Protective Firefighting Ensembles for Structural Fire Fighting and Proximity Fire Fighting". NFPA 1851 states that the mandatory replacement age for bunker gear is 10 years from the date of manufacturer.

As the global economy and the manufacturing sector continues to recover from the pandemic, suppliers are still experiencing supply chain issues, this is especially true in niche markets such firefighting equipment. Over the past 2 years we have seen bunker gear delivery dates go from 16-18 weeks to 12 + months. And as our current bunker gear is set to start to expire in 2024, we cannot afford to experience supply chain or delivery delays.

In 2022 Fire and Emergency Service sourced and purchased bunker gear from an Ontario based manufacturer Starfield Loins, they have been able to deliver the necessary PPE

Staff Report 2023-0210

within an 18–22 week window. Ensuring manufacturing and delivery date security will assist us in complying with OSHA and all relevant NFPA standards.

This request is for a one-year bunker gear replacement contract and is funded as part of the 2023 budget. A new request for the 2024 bunker gear will be made as part of the 2024 budgetary process to supply each firefighter with bunker gear compliant with health and safety standards.

PPE Solutions, who is the distributor of Starfield Lion, has provided Caledon Fire and Emergency Services with quote for 2023. In 2023, Fire & Emergency Services requires 40 replacement sets plus an additional 40 sets for new firefighters.

Motorola Portable Radios

7 Motorola APX Next EX single Band smart firefighter portable radios are required for station 308. Radio reception in some parts of the Mono Mills fire district is poor to non-existent. This puts firefighter in danger as May Day calls may not be received by the Incident Commander of the Fire Dispatch center. The Motorola APX Next EX single Band smart firefighter portable radios can switch to cell phone coverage when 800 MHz reception is not available.

Justification

Starfield Lion is an Ontario based manufacturer of NFPA compliant firefighter bunker gear. As an Ontario based manufacturer, they can provide improved delivery dates over US based manufacturers. Starfield Lion bunker gear has been very well received by our firefighters as it surpasses industry standards by providing superior protection, greater dexterity, and comfort over our previous manufacturer. Moving towards one manufacturer will enable Fire & Emergency Services uniformity and standardization in bunker gear amongst all firefighters.

The Motorola portable radios requested are compatible with our existing portable radios and can be used in all other response areas of the Mono Mills station. As our communication system is proprietary to Motorola, no other vendor can provide portable radios that integrate with our radio system currently being used.

FINANCIAL IMPLICATIONS

The 2023 budget approved capital funding for the following Fire and Emergency Services projects:

23-067	Bunker Gear Replacement	\$132,000
23-071	New Motorola Portable Radios	\$80,000
23-103	Personal Protective Equipment	\$204,000

Future budget requests will be presented for Council approval for the 2024 and future year purchases of bunker gear replacement and new hires to be reviewed for the request for proposal through the Town's purchasing division. The anticipated total purchases to be awarded in 2023 are:

Bunker Gear Replacement

Year	# of Sets	2023 Pricing	Price Excluding HST	Non-Recoverable HST	Total
2023	40	\$3018.00	\$120,720.00	\$2,124.67	\$122,844.67

Personal Protective Equipment (New sets for hires)

Year	# of Sets	2023 Pricing	Price Excluding HST	Non-Recoverable HST	Total
2023	40	\$3018.00	\$120,720.00	\$2,124.67	\$122,844.67

New Motorola Portable Radios for station 308

Year	#of Radios	2023 Pricing	Price Excluding HST	Non-Recoverable HST	Total
2023	7	\$11,813.88	\$ 82,697.16	\$1,455.47	\$84,152.63

COUNCIL WORK PLAN

Not Applicable

ATTACHMENTS

Not Applicable