

NO: R216

COUNCIL DATE: October 23, 2017

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **October 3, 2017**

FROM: **Fire Chief**

FILE: **1280-01**

SUBJECT: **Purchase of Fire Service Equipment**

RECOMMENDATION

The Fire Department recommends that Council:

1. Award contract 1220-040-2016-060 to Safetek Emergency Vehicles Ltd. to provide five (5) Pumper Fire Apparatus as reflected in this report at a cost of \$4,590,320.00, including GST, levies and performance bond;
2. Set the expenditure authorization limit for Contract 1220-040-2016-060 at \$4,800,000.00, including contingencies and GST; and
3. Authorize the Fire Chief to execute Contract 1220-040-2016-060.

INTENT

The purpose of this report is to seek Council approval for staff to purchase 5 new fire trucks as identified within this report.

DISCUSSION

As part of the Fire Department Capital Replacement and Additions Plan, the Fire Department has identified five (5) Pumper Fire Apparatus ("Pumper Trucks") which are due for replacement. The five (5) new Pumper Trucks will replace five (5) units which were purchased between 1997 and 1999. The current units are at the end of their useful life and have been fully depreciated.

The new Pumper Trucks will be equipped with new anti-idling technology that allows fire crews to maintain operations of powered equipment and vehicle lighting systems while the main engine is off. When proper conditions are met, the main truck engine will shut down and a smaller generator will start up and operate the electrical/HVAC demands of the truck. The generator will consume one quarter of the amount of fuel of the large truck engine reducing the carbon footprint, emissions and fuel costs.

The new Pumper Trucks are capable of providing immediate intervention at incidents requiring medical/and or a fire ground-related emergencies. The Pumper Trucks will be designed for a full complement of ground ladders, 2,200 litre water tanks, 7,000 litre per minute fire pumps, 122 metres of 65 mm hose, 244 metres of 100 mm hose, four pre-connect attack lines, and a remote

controlled deck gun with 4,500 litre per minute discharge. In addition, the apparatus has a 110 litre Class A foam concentrate system, as well as scene lighting tower and medical equipment.

If approved by Council, the vehicles will be delivered in 2018 and 2019.

QUOTATION RESULTS

In accordance with the Purchasing and Expenditure Authorization Bylaw, the RFQ was posted on the BC Bid and City of Surrey websites. The following suppliers submitted quotes:

Supplier	Tendered Amount Including Taxes and Levies	Performance Bond	Corrected Amount, less Performance Bond
Safetek Emergency Vehicles Ltd.	\$4,590,320.00	Includes 50% performance bond	\$ 4,564,420.00
Fort Gary Fire Trucks Ltd	\$ 4,636,598.40	No performance bond included	No change
Associated Fire	\$ 4,790,934.65	No performance bond included	No change
Rocky Mountain Phoenix Inc	\$ 4,771,015.20	No performance bond included	No change
WFR Wholesale Fire & Rescue Ltd.	\$ 5,258,120.00	No performance bond included	No change

EVALUATION

An evaluation team involving staff from the Engineering Department, Fire Department, and the Finance & Technology Department reviewed the quotations for accuracy and completeness.

The quotation from Safetek Emergency Vehicles Ltd. was the lowest conforming bid. The City's previous experience with Safetek Emergency Vehicles Ltd. has been satisfactory and the product quality has met the City's requirements. It is recommended that Safetek Emergency Vehicles Ltd. be awarded contract 1220-040-2016-060.

SUSTAINABILITY CONSIDERATIONS

This purchase supports the objectives of the City's Sustainability Charter. In particular, the purchase of 5 Pumper Trucks relates to the Sustainability Charter themes of Economic Prosperity and Livelihood, and Infrastructure. Specifically, this purchase supports the following Desired Outcomes:

- Innovation DO14: Surrey is the region's innovation hub, focusing on health and clean technologies, creating significant local and regional economic impacts;
- Energy and Climate DO7: Per capita emissions are low, and align with global, national and provincial GHG reduction targets;
- Energy and Climate SD5: Work collaboratively with diverse stakeholders to lower greenhouse gases and to improve air quality; and
- All Infrastructure SD1: Proactively manage community assets to maintain them over the long-term in a state of good repair;
- Public Safety DO2: Police and fire services provide timely and reliable responses across the city.

The purchase of these fire apparatus, with new anti-idling technology will further assist the City in meeting its Corporate Emissions reduction target of 20% below the baseline standards by 2020.

FUNDING

Funding for the apparatus is available from the 2016, 2017, 2018 Fire Department Capital Replacement Program.

CONCLUSION

Based on the above discussion, it is recommended that Council:

- Award contract 1220-040-2016-060 to Safetek Emergency Vehicles Ltd. to provide five (5) Pumper Fire Apparatus as reflected in this report at a cost of \$4,590,320.00, including GST, levies and performance bond;
- Set the expenditure authorization limit for Contract 1220-040-2016-060 at \$4,800,000.00, including contingencies and GST; and
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Len Garis
Fire Chief