



Report to Council

Department: Community Services
Division: Fire and Rescue Services
Date: May 16, 2022
Prepared by: Richard Arnel, Fire Chief
Report Number: Fire and Rescue Services-2022-06
Subject: Result of Request for Tender – Supply and Delivery of New Single Axle Rear Mount Aerial Platform
Number of Pages: Six (6) Pages

Recommendation(s)

That Fire and Rescue Services-2022-06 entitled Result of Request for Tender – Supply and Delivery of New Single or Tandem Axle Rear Mount Aerial Platform prepared by Richard Arnel dated May 16, 2022, be received, and

That Council award the Request for Tender – Supply and Delivery of a New Tandem Axle Rear Mount Aerial Platform in the total amount of \$1,552,847.42 including non-refundable Harmonized Sales Tax to City View Specialty Vehicles; and

That Council approves the additional funding of \$52,847.42 including non-refundable Harmonized Sales Tax above the approved 2022 Capital Budget of \$1,500,000.00 for the Supply and Delivery of one New Tandem Axle Rear Mount Aerial Platform (project FD-22-0003) to be funded from the Town's Asset Management Reserve.

Purpose

In accordance with the Town Procurement By-Law Number 2129, Council approval is required for purchases more than \$120,000 and is also required for expenditures or requests for funding that fall outside of the approved budget.

Background and Discussion

In 2017 the Town of Essex contracted Pomax Consulting to develop a five-year Master Fire Plan for Essex Fire and Rescue Services. The Master Plan is an organized set of decisions and directions proposed by our consulting team, on how to plan the future of Essex Fire and Rescue Services.

The Master Plan in Promax's review indicated the Town of Essex can provide fire protection with one, rather than two, aerials and is predicated on the following information:

- The Town of Essex does not have a building higher than six stories.
- Modern low- and high-rise building design and firefighting tactics support interior firefighting, and rescue efforts rather than external aerial ladder operations.
- Aerial units provide effective water tower and vantage points during large fire events. However, the Town's experience of major events requiring the use of aerial apparatus is minimal and one aerial device would be sufficient during initial response. Additional aerial units can be obtained through the Essex County Mutual Aid Plan should there be a need to do so.
- Aerial units are expensive to purchase and to maintain. Both aerials now in use by the fire department were manufactured in 1998; one has been decommissioned and the other is beyond its operational life expectancy.
- Effective and safe operations of elevated devices require on-going and regular training thus reducing training time available to prepare for types of emergencies more likely to occur in the community.

- Elimination of one of the units will not jeopardize the firefighting effectiveness of Essex Fire and Rescue Services.

Fire Underwriters Survey (FUS) provide direction on performance, ability and overall acceptability of fire apparatus and has developed a standard acceptance of apparatus as the apparatus becomes less reliable with age and use.

Fire Underwriters Survey (F.U.S.) has reviewed experiences across Canada and in other countries and has developed a standard for acceptance of apparatus as the apparatus becomes less reliable with age and use. Fire Underwriters Survey have identified that firefighting apparatus should be retired from service at twenty years of age. Currently the 2 apparatus being replacing are 1998 Sutphen Platform Aerials, and the age of these units are 24 years old which surpasses the identified age of 20 years for fire apparatus. This grading provides underwriters with community specific data on public fire protection for fire insurance.

Pomax consultants also addressed firefighting apparatus age and estimated annual reserve fund contribution based on an expected vehicle replacement schedule of 15 years for each apparatus in the Master Fire Plan report.

A Request for Tender, following the guidelines as set out in the Town's Procurement By-Law Number 2129 was posted both on the Town's website and Merx, and closed on April 27, 2022, at 3:00:00 pm. The tender document was broken up into two Items, Item one was a Single Axle 80-100 Foot Rear Mounted Aerial Platform, and the Item two was a Tandem Axle 80-100 Foot Rear Mounted Aerial Platform.

The provision of trade-in was included in the tender document and there were no bids submitted for either vehicle. We would be placing one unit in surplus immediately and the second unit will continue service until new apparatus is delivered.

The Tenders were reviewed for arithmetic errors, completeness, legibility, revisions, and irregularities. There were no apparent unbalances prices in the schedule of Items and Prices. The results of the submitted tender prices are noted in the Table below:

Name of Tenderer	Total Tender Price including non-refundable Harmonized Sales tax (Single Axle 80-100 Foot Rear Mounted Aerial Platform)	Total Tender Price including non-refundable Harmonized Sales Tax (Tandem Axle 80-100 Foot Rear Mounted Aerial Platform)
Safetek Emergency Vehicles Ltd	No Bid	\$1,667,215.49
Commercial Truck Equipment Corp.	\$1,587,924.10	\$2,079,614.17
City View Speciality Vehicles (Option 1)	No Bid	\$1,552,847.42
City View Speciality Vehicles (Option 2)	No Bid	\$1,607,064.13

The Tender review process included a team made up of:

- Rick Arnel, Fire Chief, Fire and Rescue Services
- Jason Pillon, Deputy Fire Chief, Fire and Rescue Services
- Ed Lapain, District Chief Station 2, Gesto
- Jackson Tang, Assistant Manager, Business Services

After reviewing each tender as submitted, City View Specialty Vehicles addressed all areas of the scope of the project as identified in the tender and submitted the lowest price.

Financial Impact

The 2022 Capital Budget had an approved amount of \$1,500,000.00 (Project FD-22-0003) for the purchase of one New Tandem Axle Rear Mount Aerial Platform.

As the lowest tender price was above the approved capital budget for project FD-22-0003 additional funds in the amount of \$52,847.42 including non-refundable Harmonized Sales Tax are required to be transferred from Town's Asset Management Reserve to cover the shortage. Should a surplus be realized on the one unit being immediately disposed of this would be deposited into the Asset Management Reserve.

Consultations

Jackson Tang, Assistant Manager, Business Services

Jake Morassut, Director, Community Services

Kate Giurissevich, CPA, CA, Director, Corporate Services/Treasurer

Link to Strategic Priorities

- Manage, invest and plan for sustainable municipal infrastructure which meets current and future needs of the municipality and its citizens.
- Create a safe, friendly and inclusive community which encourages healthy, active living for people of all ages and abilities.
- Provide a fiscal stewardship and value for tax dollars to ensure long-term financial health to the municipality.
- Manage responsible and viable growth while preserving and enhancing the unique rural and small town character of the community.
- Improve the experiences of individuals, as both citizens and customers, in their interactions with the Town of Essex.
- Improve the Town's capacity to meet the ongoing and future service needs of its citizens while ensuring the corporation is resilient in the face of unanticipated changes or disruptions.

Report Approval Details

Document Title:	Result of Request for Tender - Supply and Delivery of New Rear Mount Aerial Platform - Fire and Rescue Services-2022-06.docx
Attachments:	
Final Approval Date:	May 6, 2022

This report and all of its attachments were approved and signed as outlined below:



Jake Morassut, Director, Community Services - May 6, 2022 - 12:01 PM



Doug Sweet, Chief Administrative Officer - May 6, 2022 - 12:07 PM