

HALIFAX

P.O. Box 1749
Halifax, Nova Scotia
B3J 3A5 Canada

Item No. 11.1.5
Halifax Regional Council
April 6, 2021

TO: Mayor Savage and Members of Halifax Regional Council

SUBMITTED BY:

Original Signed by 

Jacques Dubé, Chief Administrative Officer

DATE: March 12, 2021

SUBJECT: Award – 20-144 One (1) Mid Mount, 100' Aerial Tower Apparatus

ORIGIN

January 12, 2021, Advanced Capital Tender approval of the 2021/2022 Capital Budget – CE200002 Fire Fleet Replacement.

LEGISLATIVE AUTHORITY

The Municipality may spend money for municipal purposes in accordance with section 79A of the HRM Charter. The recommended contract award complies with all of the pre-requisites for awarding contracts as set out in section 26 of Administrative Order 2020-004-ADM, the *Procurement Administrative Order*.

Section 28 of the *Procurement Administrative Order*, provides that Halifax Regional Council may approve contract awards of any amount.

RECOMMENDATION

It is recommended that the Halifax Regional Council award Tender 20-144 for the purchase of one (1) new mid mount, 100' aerial apparatus to Mic Mac Fire for \$ 1,918,559 (net HST included) with funding from Project Account No. CE200002 - Fire Fleet Replacement, as outlined in the Financial Implications section of this report.

BACKGROUND

Halifax Regional Fire & Emergency (HRFE) uses their fleet of vehicles to provide emergency support to the residents of Halifax. These units are required to respond to a variety of fire related emergency calls throughout the Halifax service area and to support HRFE during their day to day operation.

An aerial apparatus is a specialized vehicle which provides fire personnel with a mobile elevation platform required to perform; rescue operations, conduct ventilation and direct high-volume water streams. Aerial platforms are critical when extinguishing fires or performing rescues in structures higher than 5 stories or in large commercial, manufacturing or care facilities. HRFE currently deploys dedicated aerial platforms from Station#3 (West Street, Halifax) and Station#12 (Highfield Park, Dartmouth).

HRFE currently maintains four 100-foot aerial devices:

- 2002 American Lafrance – 110-foot aerial ladder (Unit 02-305L) – 19 years old
- 2009 E-One Bronto - 100-foot aerial platform - (Unit 09-498) – 12 years old
- 2014 Pierce – 100-foot aerial platform (Unit 14-557P) – 7 years old
- 2020 Pierce – 100-foot aerial platform (Unit 20-618P) – currently being readied for service

The American Lafrance Ladder (02-305L) has reached end of service life and is currently being used as a spare aerial. The E-One Bronto (unit 09-498) is assigned to Station#12 but replacement aerial parts for this unit can only be sourced from Finland, which often pose delivery delays due to shipping and the clearing of customs.

The mid mount ladder specification, which this tender was written for, is a standardised design by Fire & Emergency Services. HRFE has determined that the mid mount is the most effective aerial ladder when providing service to the citizens of the HRM. This new unit is the same model purchased in the last fiscal year and will align with our existing fleet of aerial platforms. The standardization of these highly specialized units will provide ongoing efficiencies in preventative maintenance, sourcing replacement parts, repairs and operator training. Due to the specialized nature of aerial platforms, there were limited responses from suppliers

This new unit will be used to replace one of these older units and update our fleet of aerials

DISCUSSION

RFQ 20-144 for the purchase of one (1) new 100' aerial apparatus, was posted to the Province of Nova Scotia's Procurement website on February 11, 2021 and closed on March 3, 2021. One (1) bid was received from the following vendor:

Company Name	Price	Net HST	Total (Net HST)
*Mic Mac Fire	\$ 1,839,709	\$ 78,850	\$ 1,918,559

***Recommended Bidder**

As per the terms of quotation 20-144, Mic Mac Fire will be supplying one (1) 2021 Pierce Arrow XT Midmount 100' aerial unit. Delivery of the new equipment is 235 days from date of final award.

Any vehicle scheduled for replacement is first stripped of all salvageable equipment that HRM may be able to reuse and sold at auction. Revenue received from the sale of these units are placed into the Fleet Vehicles & Equipment Reserve Q531.

FINANCIAL IMPLICATIONS

Corporate Fleet recommends the award of this RFQ to Mic Mac Fire based on the qualified bid price of \$1,839,709 plus net HST of \$78,850 for a total of \$ 1,918,559.

Funding is available in Project No. CE200002 - Fire Fleet Replacement for a total of \$ 1,918,159 (net HST included). The budget availability has been confirmed by Finance.

Budget Summary:	Project Account No.	CE200002 - Fire Fleet Replacement
	Cumulative Unspent Budget	\$ 2,128,567
	Less: RFQ 20-144*	<u>\$ 1,918,559</u>
	Balance	\$ 210,008

*This project was estimated as part of the Advanced Capital Tender approval of the 2021/2022 Capital Budget at \$ 1,850,000.

The balance of funds will be used for replacement of other Fire fleet assets.

RISK CONSIDERATION

There are no significant risks associated with the recommendations in this Report. The risks consideration rate is low.

COMMUNITY ENGAGEMENT

Not applicable at time of solicitation

ENVIRONMENTAL IMPLICATIONS

There are no significant environmental implications associated with the recommendation. The purchase of these units should lessen our environmental impact due to being new model years with updated technology.

ALTERNATIVES

Regional Council could choose not to approve the recommended purchase of one (1) apparatus unit. Due to the age and unreliability of the current vehicles, this action could result on loss of service due to mechanical failure.

This course of action is not recommended.

ATTACHMENTS

None

A copy of this report can be obtained online at halifax.ca or by contacting the Office of the Municipal Clerk at 902.490.4210.

Report Prepared by: John MacKinnon, Quality Analyst, Corporate Fleet, 902.490.4412

Report Approved by: Original Signed
Scott Sears, Manager, Corporate Fleet, 902.490.6604

Report Approved by: Original Signed
Jerry Blackwood, Executive Director, Corporate & Customer Services, 902.490.4630

Report Approved by: Original Signed
Kenneth Stuebing, Fire Chief - Fire & Emergency Service, 902.490.4239

Procurement Review: Original Signed
Jane Pryor, Manager, Procurement, 902.490.4200
