



**Report**  
**Staff Report**  
The Corporation of the City of Brampton  
**6/19/2024**

**Date:** 2024-06-26

**Subject:** **Request to Begin Procurement for Supply and Delivery of Two (2) Fully Electric Fire Trucks**

**Contact:** Dwayne Chaisson, Division Chief, Apparatus and Maintenance, Brampton Fire and Emergency Services

**Report number:** Brampton Fire and Emergency Services-2024-553

**RECOMMENDATIONS:**

1. That the report from Dwayne Chaisson, Division Chief, Apparatus and Maintenance, Brampton Fire and Emergency Services to the Committee of Council Meeting of June 19, 2024, re: **Request to Begin Procurement for Supply and Delivery of Two (2) Fully Electric Fire Trucks**, be received; and
2. That the Purchasing Agent be authorized to commence the Procurement for two (2) fully electric fire trucks.

**OVERVIEW:**

- **The purpose of this report is to obtain Council authorization to commence procurement for the supply and delivery of two (2) fully electric fire trucks for the City of Brampton.**
- **Funding for this initiative is available within the Fire and Emergency Services approved Capital Budget.**

**BACKGROUND:**

Fire and Emergency Services currently uses their fire apparatus for 12 years as a primary service apparatus before placing them into the secondary service fleet for another five years where they are used when primary service apparatus are not available due to maintenance or repair.

The 2024 Capital Budget included the purchase of two (2) fully electric fire trucks to replace two fire apparatus that must be moved from the primary service fleet to the secondary service fleet with the Fire and Emergency Services department as they have reached the 12-year life-cycle threshold.

In support of a "Green City" as identified in the Term of Council Priorities, coupled with the sustainability focus in the 2021-2025 Fire Master Plan, an alternative to the traditional internal combustion engine continues to be sought for replacement fire apparatus.

Fire and Emergency Services acquired two (2) fully electric fire trucks in 2024 and expects delivery of one (1) additional fully electric fire truck in early 2025.

### **CURRENT SITUATION:**

Fire and Emergency Services is ready to begin procuring the supply and delivery of two (2) fully electric fire apparatus for the City of Brampton.

With a projected 2-year build time for new electric fire apparatus, Fire and Emergency Services must promptly move forward with this procurement to avoid negatively impacting the overall fleet lifecycle management plan.

Fire and Emergency Services intends to seek proposals from various fire apparatus manufacturers that currently provide fully electric fire trucks to the Canadian market to obtain a product that best serves Brampton's specific needs.

### **CORPORATE IMPLICATIONS:**

#### **Financial Implications:**

Funding for this initiative is available within the Fire and Emergency Services approved Capital Budget.

#### **Purchasing Implications**

A public Procurement Process will be conducted, and the submissions shall be evaluated in accordance with the published evaluation process within the bid document. Purchase approval shall be obtained in accordance with the Purchasing By-law.

All communication with bidders involved in the procurement must occur formally, through the contact person identified in the RFP Document.

### **STRATEGIC FOCUS AREA:**

This report has been prepared in full consideration of our strategic focus by showing leadership in health and well-being, government and leadership, and environmental

resilience and sustainability by replacing conventional fire apparatus with fully electric fire apparatus used for mitigating emergencies.

- **Environmental Resilience & Sustainability:** Focusing on nurturing and protecting our environment for a sustainable future.
- **Health & Well-being:** Focusing on citizens' belonging, health, wellness, and safety.
- **Government & Leadership:** Focusing on service excellence with equity, innovation, efficiency, effectiveness, accountability, and transparency.

## CONCLUSION:

It is recommended that the Purchasing Agent be authorized to commence the procurement of one (2) fully electric devices as described in this report.

Authored by:

Reviewed by:

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