



Report
Staff Report
The Corporation of the City of Brampton
3/19/2025

Date: 2025-02-20

Subject: **Request to Begin Procurement for Supply and Delivery of Fire Apparatus**

Contact: Nick Ruller, Fire Chief, Brampton Fire & Emergency Services
Dwayne Chaisson, Division Chief, Apparatus & Maintenance,
Brampton Fire & Emergency Services

Report number: Community Services-2025-183

RECOMMENDATIONS:

1. That the report from Nick Ruller, Fire Chief, Brampton Fire & Emergency Services to the Committee of Council Meeting of March 19, 2025, re: **Request to Begin Procurement for the Supply and Delivery of Fire Apparatus**, be received; and
2. That the Purchasing Agent be authorized to initiate the procurement process for the supply and delivery of:
 - Two aerial devices with idle reduction technology;
 - Two pumper fire apparatus with idle reduction technology;
 - Two rescue squad fire apparatus with idle reduction technology; and
 - One hazmat unit with idle reduction technology.

OVERVIEW:

- **This report seeks Council's authorization to begin procurement for the supply and delivery of fire apparatus, that includes aerial devices, pumpers, rescue squads and a hazmat unit, all equipped with idle reduction technology.**
- **Funding for this initiative was approved in the 2024 and 2025 Capital Budgets.**

BACKGROUND:

The Brampton Fire & Emergency Services (BFES) 2024 and 2025 capital budgets include the addition of one growth vehicle and the replacement of six fire apparatus, each featuring idle reduction technology.

As detailed in the BFES Fire Master Plan (FMP), fire apparatus serve as primary response units for 12 years before being transitioned to the secondary service fleet for an additional five years. These secondary units are used when primary apparatus require maintenance or repairs.

In alignment with the City's strategic focus on Environmental Resilience & Sustainability (2024 Corporate Strategic Plan) and the objectives of the 2021-2025 FMP, BFES is committed to exploring alternatives to traditional internal combustion engine fire apparatus. The 2025 replacement vehicles will incorporate idle reduction technology, reducing engine idle time by utilizing battery-powered unit to perform critical functions, thus minimizing reliance on the diesel engine.

CURRENT SITUATION:

Brampton Fire and Emergency Services is prepared to commence procurement for:

- Two aerial devices;
- Two pumper fire apparatus;
- Two rescue squad fire apparatus; and
- One hazmat unit with idle reduction technology.

Given the three-to-four-year production timeline for new apparatus, prompt procurement is essential to sustaining the fleet lifecycle management plan.

BFES will seek proposals from fire apparatus manufacturers offering vehicles with idle reduction technology for the Canadian market. The goal is to acquire equipment that best aligns with Brampton's operational requirements.

CORPORATE IMPLICATIONS:

Financial Implications:

The BFES 2024 and 2025 capital budgets include one growth vehicle and six fire apparatus replacement vehicles with idle reduction technology fire trucks.

Sufficient funding is available for these initiative under the following capital projects:

- 242300 – Growth Vehicles;
- 242310 – Vehicle Replacement;
- 252300 – Growth Vehicles; and
- 252310 – Vehicle Replacement.

Other Implications:**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:

Brampton Fire & Emergency Services provides progressive, sustainable, and environmentally responsible services. This report supports the following strategic focus areas:

- **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:

To maintain optimal service delivery and ensure operational readiness, it is recommended that the Purchasing Agent be authorized to begin the procurement process for the fire apparatus outlined in this report.

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