

# City of Mississauga Corporate Report



Date: August 12, 2025  To: Chair and Members of General Committee	Originator's files:
From: Geoff Wright, P.Eng, MBA, City Manager and Chief Administrative Officer	Meeting date: September 3, 2025

## Subject

**Fire and Emergency Services 2025 Apparatus Procurement**

## Recommendation

1. That the funding in the amount of \$10,291,000 be pre-authorized ahead of the 2026 budget approval to facilitate the 2025 procurement commitment of several fire apparatus in a previously approved 5-year procurement contract by competitive procurement as outlined in the Corporate Report dated August 12, 2025, entitled "Fire and Emergency Services 2025 Apparatus Procurement" from the City Manager and Chief Administrative Officer.
2. That all necessary by-laws be enacted.

## Executive Summary

- Mississauga Fire and Emergency Services (MFES) completed a 5-year competitive procurement for fire apparatus in 2023.
- Apparatus build times have substantially increased, currently ranging from 32 to 52 months. The tender included fixed pricing for the first three years with a 5% year over year price increase thereafter.
- As part of MFES' apparatus lifecycle procurement plan, between 2026 and 2027, MFES is expected to replace five apparatus, three of which will exceed the planned 15-year useful life by the expected delivery date, and two are new apparatus required to facilitate new fire station opening.
- MFES is seeking pre-authorization of funds in the amount of \$10,291,000 to purchase fire apparatus in 2025, with deliveries in future years.
- The total cost avoidance will be \$2,034,000 which comprises of \$828,000 savings due to avoiding year over year price increases and another \$1,206,000 by simplifying the complexity of the units.
- The Truck Design and Advisory Committee reviewed and simplified MFES apparatus specifications which reduced lead times by up to 20 months.
- There is no impact on the MFES overall 10-year capital budget.

## Background

### Apparatus Procurement

Mississauga Fire and Emergency Services (MFES) has completed a five-year competitive procurement for fire apparatus. MFES is committed to implementing a rigorous lifecycle replacement strategy for its fire fleet. Timely replacement of apparatus is a cornerstone of this approach. With current build times for new units significantly extended, proactive planning is essential to ensure continuity of service at the lowest possible cost.

Apparatus build times have substantially increased, currently ranging from 32 to 52 months. The tender includes fixed pricing for the first three years, 2023-2025. A year over year price escalation of 5% applies beyond the fixed term.

The MFES Truck Design and Advisory Committee conducted a comprehensive review of the MFES's apparatus specification. The objective was to identify opportunities to simplify the specification in a way that would both reduce cost and shorten lead times without impacting performance or reliability. This initiative successfully reduced the build time for pumpers from 52 months to 32 months, and for aerials from 50 months to 40 months. In addition, this effort resulted in a cost savings of \$1,206,000.

### MFES Apparatus Replacement Schedule

As part of the two-year apparatus lifecycle procurement plan, between 2026 and 2027, MFES plans to replace three apparatus, each of which will have exceeded the planned 15-year useful life by the expected delivery date. Two additional pumpers are planned to support the opening of new Fire Stations 127 (Lorne Park) and 128 (Lakeview) in 2028. The chart below details the apparatus due for replacement:

Unit Description	Planned Replacement Year	
	2026	2027
2010 Pumper	x	
New Pumper		x
New Pumper	x	
2009 Aerial	x	
2009 Aerial		x

## Comments

The extended manufacturing and delivery timelines for fire apparatus requires early planning. By securing funds in 2025 in advance of the 2026 budget process, MFES can ensure the timely replacement of aging equipment, maintain operational readiness, equip new stations, and enhance public safety.

The pre-authorization of funds in 2025 will provide the following benefits:

**Effective Lifecycle Management:** The current fleet of fire apparatus is aging, leading to increased maintenance costs and potential operational inefficiencies. By authorizing funds in advance, MFES can ensure that new, reliable apparatus will be available when needed, reducing downtime and increasing operational preparedness.

**Budget Optimization:** Authorizing funds in advance provides financial predictability and stability. This proactive approach enables MFES to effectively manage budgetary constraints and allocate resources efficiently over the planning period. Delaying the pre-authorization of funds could lead to budgetary challenges in the future, potentially impacting service quality and safety.

**Fiscal Responsibility:** By committing to the purchase now, MFES can secure current prices and avoid price increases due to inflation or changes in market conditions.

## Financial Impact

MFES seeks to pre-authorize funding of \$10,291,000 ahead of 2026 budget approval to facilitate the purchase of emergency apparatus.

- By placing all identified orders in 2025, the City will avoid approximately \$828,000 in year over year price escalation.
- Through the work of the Truck Design and Advisory Committee, \$1,206,000 in additional savings were realized by simplifying apparatus specification.
- This results in a total cost avoidance of approximately \$2,034,000.

Although deliveries are not expected until 2028, early commitment is necessary to securing pricing and production capacity. There is no impact on the overall 10-year capital budget.

## Conclusion

Authorizing funds in advance for fire apparatus procurement is a proactive strategy that aligns with the operational needs of Mississauga Fire and Emergency Services. By securing funds now for delivery in 2028, MFES will enhance its operational capabilities, strengthen public safety, and demonstrate responsible financial planning. This approach will ensure that MFES remains well-equipped to respond effectively to emergencies and fulfill its mission of protecting the community.



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