



# **Pumper 1 Business Case.docx**

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**Pumper 1**

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**2025 Budget**

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# Pumper 1 Replacement

## **Executive Summary**

This business case recommends the issuance of an RFP to facilitate the purchase of a new frontline pumper to replace current frontline pumper 1. Although not scheduled for replacement until 2027, significant savings may be realized if we are able to secure a stock truck currently in production vs a traditional build to order purchase.

## **Business Need**

Pumper 1 replacement is based on the Fire Underwriters Survey service schedule which for small and rural communities is 20 years of front-line service. The apparatus can then remain in service as 2<sup>nd</sup> line duty for 5 years followed by an additional 5 years in reserve status. Fire insurance grades of the community may be adversely impacted by not replacing frontline units at the specified guidance intervals. This could result in increased rates to property owners.

Pumper 1 has spent some time out of service in recent years, primarily waiting for parts. It has a unique chassis that utilizes parts that are not stocked locally.

## **Options or Solutions Analysis**

Option # 1: Purchase a build to order truck to be delivered in 2027. This would maximize the amount of in-service time by the existing unit but increase the cost of replacement. Proposals for a 2027 delivery will be very difficult to obtain within the current market.

Option #2: Purchase a truck using the Canoe Procurement program where tenders have been issued and contracts negotiated on our behalf. Committee members identified that this option restricts proposals to only those manufacturers participating in the program.

Option #3: Issue an RFP for a pumper listing the minimum required specifications along with flexible delivery schedule allowing all manufacturers an opportunity to submit proposals for consideration.

## **Financial and/or Non-Financial Benefits**

Significant savings achieved by purchasing now. New emissions standards are passed and take effect on vehicles for 2027. The technology has not been proven in the field and may be unreliable and costly to maintain, similar to the emission regeneration phase. The frontline pumper purchase could be debentured up to a 10year period to

reduce the taxation burden in a single year. Early replacement will extend the timeline in between the next frontline pumper purchase. (Pumper 4 in 2030)

**Risk Analysis**

Option # 3 provides the greatest flexibility and potential to attract proposals from a wider range of manufacturers to locate a pumper with features that satisfy the needs of the fire department.

**Recommendation**

That committee recommends that council include the deposit for the purchase of a fire department pumper in the 2025 budget and direct staff to bring a recommendation to the February council meeting.

**Implementation Plan**

Issue an RFP in Q1, 2025.

Bring a recommendation to the February Council meeting for the award of a new frontline pumper.

**Acceptance Sign-off**

**Lead Department: Administration**

**Prepared By:** Brian Moore, Fire Chief

**Date:** 01/08/2025

**Signature:** 

**Approved By:** Jessica Crawford, Treasurer

**Date:** January 9, 2025

**Signature:** 

**Approved By:** Sean Nicholson, CAO

**Date:** January 9, 2025

Signature: 