



City of Port Moody

Report/Recommendation to Council

Date: July 2, 2021
Submitted by: Engineering and Operations Department – Solid Waste, Fleet, and Shared Services Division
Subject: Expedited Front Mount Plow Replacement Request

Purpose

To seek early approval to expedite the replacement of one front mount plow for a Parks fleet asset: PK064AP – 2008 Arctic 9' Steel Front Mount Snow-Plow, ahead of the previously identified replacement timeline of 2024 due to the existing unit approaching end of forecasted life and no longer being supported by any local vendors for parts or repairs.

Recommended Resolution(s)

THAT \$12,000 be approved from the Equipment Replacement reserve to fund the purchase of one front mounted plow including the required up-fitting to the existing truck chassis as recommended in the report dated July 2, 2021 from the Engineering and Operations Department – Solid Waste, Fleet, and Shared Services Division regarding Expedited Front Mount Plow Replacement Request.

Background

The existing unit, PK064AP – 2008 Arctic 9' front mount steel plow, is scheduled for replacement in 2024, but, due to its current condition, age, and limited parts availability, Fleet Services requires early approval to proceed with the purchase of a replacement plow as soon as possible prior to the 2021/22 winter season.

Discussion

Staff are currently developing a draft 2022 – 2026 budget for Council consideration. During this process, the Fleet Services Division works closely with Financial Planning to ensure that vehicles and equipment are either replaced or extended based on their use, planned useful life, departmental needs, and overall condition of the asset. Additionally, on an annual basis, staff conduct extensive research to ensure that the replacement values on the replacement schedule reflect current actual replacement costs. Market fluctuations due to changes in the value of the Canadian dollar versus the American dollar greatly influence this process as most equipment and vehicle chassis are built and assembled in the US or overseas. This annual revision is a key component of the budget planning process.

Over the last five years, Fleet Services has been standardizing all medium duty fleet front mounted snow plows to Western Pro Plus plows, which are interchangeable between all medium duty units except for this unit. Standardizing fleet vehicles and equipment has made the City's fleet more versatile and easier to maintain by sourcing parts from the local vendor network.

PK064AP – 2008 Arctic 9' front mount steel plow

The existing Arctic front-mounted plow is a legacy piece that was originally purchased for use with a parent asset, the PK043 - 2008 Dodge Dump truck. As part of the 2022 budget planning process in May 2021, Fleet Services identified PK064AP as a candidate for early replacement prior to the upcoming winter season. Based on the plow's current condition and limited parts availability, it is not advisable to continue extending the life of this unit.

In 2016, PK043 was replaced, however, PK064AP was not replaced at the same time due to its good overall condition. Fleet services was able to extend the plow's useful life for five additional years. The unit has now reached a point where it can no longer be considered reliable due to its age and worn condition. Additionally, the unit no longer has any local vendor support for parts and maintenance, with the closest vendor located in Prince George, BC. The lack of local support presents a significant risk for service delivery due to not having a similar spare plow and to limited parts availability.

The planned replacement date for PK064AP is 2024, Fleet Services recommends replacing the snow plow at the cost of \$12,000 prior to the upcoming winter season to ensure reliable service delivery for the City's residents. The budget includes both the purchase and installation of the unit.

Other Option(s)

To continue to use existing plow, repair as required, and plan to replace the unit when the truck that it is matched with is replaced in 2024, this report may be received for information.

Financial Implications

Financial implications are outlined in the Discussion section of the report. Sufficient funds have been set aside in the Equipment Replacement Reserve for this replacement.

Communications and Civic Engagement Initiatives

No communications or civic engagement is required at this time.

Council Strategic Plan Objectives

Receiving additional funding and early approval to purchase one Western Snow plow meets Councils Strategic Plan objectives of delivering exceptional service, continued city health, and economic prosperity.

This initiative is consistent with the City's *Vehicle and Equipment Policy (11-2130-2021-01)* by Maintaining Equipment to Ensure Safety and Reliability; Replacing Vehicles and Equipment at the Right Time.

Report Author

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Manager of Solid Waste, Fleet, and Shared Services

Report Approval Details

Document Title:	Expedited Front Mount Plow Replacement Request.docx
Attachments:	
Final Approval Date:	Jul 12, 2021

This report and all of its attachments were approved and signed as outlined below:

Jeff Moi, General Manager of Engineering and Operations - Jul 5, 2021 - 10:01 AM

Dorothy Shermer, Corporate Officer - Jul 6, 2021 - 11:48 AM

Natasha Vander Wal for Rosemary Lodge, Manager of Communications and Engagement - Jul 7, 2021 - 12:19 PM

Paul Rockwood, General Manager of Finance and Technology - Jul 7, 2021 - 12:42 PM

Tim Savoie, City Manager - Jul 12, 2021 - 10:43 AM