

**FINANCIAL MANAGEMENT COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: 2021 FEBRUARY ENGINEERING CAPITAL VEHICLE AND EQUIPMENT  
PURCHASE BYLAW FUNDING REQUEST**

**RECOMMENDATION:**

1. THAT Council authorize the City Solicitor to bring forward a Capital Reserve Fund Bylaw in the amount of \$4,642,600 and the use of Sanitary Sewer Capital Funds in the amount of \$122,000 to finance Engineering capital vehicle and equipment purchases, as outlined in the report.

**REPORT**

The Financial Management Committee, at its meeting held on 2021 February 17, received and adopted the attached report seeking Council authorization for the use of a Capital Reserve Fund Bylaw and Sanitary Sewer Capital Funds to finance 2021-2025 Engineering capital vehicle and equipment purchases. The Bylaw appears elsewhere on the Council agenda.

Respectfully submitted,

Mayor M. Hurley  
Chair

Councillor S. Dhaliwal  
Vice Chair

Copied to:	City Manager Director Engineering Director Corporate Services Director Finance City Solicitor Manager, Public Works
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**TO:** CHAIR AND MEMBERS FINANCIAL MANAGEMENT COMMITTEE      **DATE:** 2021 February 03

**FROM:** DIRECTOR ENGINEERING      **FILE:** 32000-05

**SUBJECT:** **2021 FEBRUARY ENGINEERING CAPITAL VEHICLE & EQUIPMENT PURCHASE BYLAW FUNDING REQUEST**

**PURPOSE:** To request a Capital Reserve Fund Bylaw to finance 2021-2025 Engineering capital vehicle and equipment purchases.

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**RECOMMENDATION:**

1. **THAT** the Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserves Fund Bylaw in the amount of \$4,642,600 and the use of Sanitary Sewer Capital Funds in the amount of \$122,000 to finance Engineering capital vehicle and equipment purchases, as outlined in this report.

**REPORT****INTRODUCTION**

The 2021 – 2025 Provisional Financial Plan will provide funding for various multi-year capital improvement projects. Upon approval of this funding request by Council, these expenditures will be included in the 2021 – 2025 Financial Plan (Engineering Section). In order to proceed with the award of contracts for procurement, funding approval is requested for the vehicle and equipment purchases listed below. This report is to seek Council approval of fund allocation for Engineering vehicle and equipment purchases in advance of Council adoption of the 2021 - 2025 financial plan.

**POLICY SECTION**

The following project is aligned with the City of Burnaby's Corporate Strategic Plan by supporting the following goals and sub-goals of the Plan.

**Goal**

- A Safe Community
  - Transportation safety –  
Make City streets, pathways, trails and sidewalks safer.

To: Chair and Members Financial Management Committee  
 From: Director Engineering  
 Re: 2021 FEBRUARY ENGINEERING CAPITAL  
 VEHICLE AND EQUIPMENT PURCHASE BYLAW  
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- A Dynamic Community
  - City Facilities and infrastructure –  
Build and maintain infrastructure that meets the needs of our growing community.
  
- A Thriving Organization
  - Reliable services, technology and information –  
Protect the integrity and security of City information, services and assets.

### 1.0 Vehicles

Early funding approval is requested for the procurement of new vehicles identified as necessary to meet operational needs. This approval will allow for the timely tendering of the purchase of various vehicles to facilitate the lead times required on ordering and receiving these items.

Mask	Description	Estimated 2021 Amount	Estimated 2022 Amount	Total
ENZ.0071	1 Ton Flat Deck – for Solid Waste & Recycling, mattress, appliance and large item collection. It will also be used for snow clearing and winter operations, as required.	\$61,600	-	\$61,600
ENZ.0071	5 Mini Pickups – for Welding, Garage, Water, Fleet & Equipment Services and Electrical Services to transport employees, materials and equipment and to assist with operations.	\$225,000	-	\$225,000
ENZ.0071	1 Three Quarter Ton Pickup – for Fleet & Equipment Services to provide a courtesy vehicle to employees who have a vehicle in for servicing. This will reduce the cost of leasing a replacement for a short duration and to avoid employee downtime.	\$60,000	-	\$60,000
ENZ.0071	1 Ton Van – for Sewer Division to transport employees to work sites to meet operational requirements due to increased workload from development and capital projects while maintaining existing	\$90,000	-	\$90,000

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<b>Mask</b>	<b>Description</b>	<b>Estimated 2021 Amount</b>	<b>Estimated 2022 Amount</b>	<b>Total</b>
	infrastructure. This will eliminate the current vehicle lease.			
ENZ.0072	1 Collection Vehicle – for Multi-family, Industrial, Commercial, and Institutional (MFICI) recycling and Solid Waste & Recycling residential operations.	\$375,000	-	\$375,000
ENZ.0080	4 Collection Vehicles – for Multi-family, Industrial, Commercial, and Institutional (MFICI) recycling and Solid Waste & Recycling residential operations.	-	\$1,320,000	\$1,320,000
ENZ.0078	1 Forklift – for Fleet & Equipment Services operational requirements to lift and transport materials and equipment associated with garage and welding operations.	-	\$65,000	\$65,000
ENZ.0078	1 Roller – for Roads & Drainage asphalt paving to be rotated by the two primary paving crews and ensure availability during downtime of other units and to assist when three rollers may be required for increased workload.	-	\$58,000	\$58,000
ENZ.0078	2 Two Ton Vans - for Water and Sewer Divisions to transport employees to work sites to meet operational requirements due to increased workload from development (growth) and capital projects while maintaining existing infrastructure.	-	\$470,000	\$470,000
ENZ.0079	3 Packers – for Solid Waste & Recycling, residential and green waste operations and shared use to support many programs (light commercial, MFICI garbage and green waste, bulky item service, etc.)	-	\$1,250,000	\$1,250,000
	<b>Total Vehicles</b>	<b>\$811,600</b>	<b>\$3,163,000</b>	<b>\$3,974,600</b>

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## 2.0 Equipment

Early funding is also being requested for equipment items that either have longer lead times, or to meet operational needs that occur earlier in the year.

Mask	Description	Estimated 2021 Amount	Funding Source
ENY.0016	New Compactors for Mixed Containers	\$100,000	Capital
ENY.0029	Trailers - Fleet	\$60,000	Capital
ENY.0022	Steel Solid Waste Containers	\$150,000	Capital
ENY.0025	Trenchless UV Light Mainline Point Repair System	\$105,000	Sewer
ENY.0025	Trailers	\$17,000	Sewer
ENY.0028	Pressure Reducing Valve Pump Station Motors	\$30,000	Capital
ENY.0027	Robotic Total Station	\$48,000	Capital
ENY.0029	Trailer	\$15,000	Capital
ENY.0027	Still Creek Works Yard Security Cameras and Server	\$40,000	Capital
ENY.0027	Still Creek Works Yard Security Gates	\$15,000	Capital
ENY.0027	Streetscape Waste Receptacles	\$60,000	Capital
ENY.0027	Waste Container Monitoring	\$100,000	Capital
ENY.0027	Waste Container Contamination Identification	\$50,000	Capital
	<b>Total Equipment</b>	<b>\$790,000</b>	

These expenditures will be included in the 2021 – 2025 Provisional Financial Plan and sufficient Capital Reserve Funds are available to finance the capital vehicle and equipment purchases outlined in this report.

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**RECOMMENDATION**

It is recommended that the Financial Management Committee recommend Council authorize the City Solicitor to bring forward a Capital Reserves Fund Bylaw in the amount of \$4,642,600 and the use of Sanitary Sewer Capital Funds in the amount of \$122,000 to finance Engineering capital vehicle and equipment purchases, as outlined in this report.



Leon A. Gous, P.Eng., MBA  
DIRECTOR ENGINEERING

AA/RS/ac

Copied to: City Manager  
Director Finance  
City Solicitor  
Manager, Public Works