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**TO:** CHAIR AND MEMBERS  
FINANCIAL MANAGEMENT COMMITTEE

**DATE:** 2015 April 16

**FROM:** DIRECTOR ENGINEERING

**FILE:** 32000-05

**SUBJECT:** 2015 ENGINEERING EQUIPMENT BYLAW FUNDING REQUEST

**PURPOSE:** To request funding approval for Engineering equipment and new vehicles.

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**RECOMMENDATIONS:**

1. **THAT** the Financial Management Committee recommend Council approve the capital expenditure of \$2.4666 Million for various capital improvements, as outlined in this report.
2. **THAT** the Finance Management Committee recommend Council to authorize staff to bring down a bylaw in the amount of \$2.790 Million (inclusive of GST) to finance the capital equipment as outlined in this report.

**REPORT**

The 2015 – 2019 Provisional Financial Plan provides funding for various multi-year capital improvements. In order to proceed in a timely manner with the contracts for design and construction, funding approval is requested for the below listed projects.

**1.0 Solid Waste Containers (ENY.0009) \$100,000**

Replacement of 3, 4 and 6 cubic yard steel garbage containers to minimize the repair costs at the Still Creek Welding Shop. Many containers have exceeded the useful life.

**2.0 Water Construction Trailer (ENY.0010) \$100,000**

Funding to procure work trailer for the Water Construction Crew. The crew reports directly to multiple worksites throughout the year. Trailer will function as mobile office, lunchroom and facility for storing and drying coveralls and rain clothes.

**3.0 Leak Detection Equipment (Waterworks) (ENY.0013) \$35,000**

Funding to procure water leak detection equipment that will minimize leakage, determine underground water leaks and provide other benefits, including:

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- Extended life of pumping facilities
- Improved operational efficiency
- Lower water system operational costs
- Reduced potential for contamination
- Reduce potential property damage and water system liability
- Reduce water outage events

**4.0 Refuse/Recycling Containers (ENY.0013) \$75,000**

To add and replace streetscape garbage/recycling containers throughout the city.

**5.0 Recycling Glass Containers (ENY.0012) \$326,370**

With the implementation of MMBC we are required to separate glass from other recyclables. Residential has been done. This will complete the transition by doing all of the multifamily units. Toters have to be switched out and relabelled as well as posters and educational materials changed.

**6.0 Mobile Vehicle Lifts/ Hoists (4) (ENY.0013) \$80,000**

The purchase of these hoists is to increase the lifting capacity of the Garage at the Laurel Street site and/or Still Creek Works Yard if required. As these are portable it will be easy to use in any open space for repairs and maintenance of vehicles. There are currently only four hoists for lifting vehicles in the Garage.

**7.0 10' Snow Plows (ENY.0013) \$80,000**

This is to replace four (4) 10 ft Tenco snow plows which are not compatible with the plows or frames currently being used in the fleet for snow removal. These plows use two different sized blades and have exceeded their useful life. The new plows will standardize the snow removal fleet.

**8.0 New Vehicles Engineering Fleet (ENZ.0033/ENZ.0034) \$170,000-**

**Forklift (5000 Lbs) Still Creek Works Yard (ENZ.0034) \$40,000**

The forklift is intended for use by the Still Creek Welding shop for container repairs and the Signs & Markings division for the unloading of materials and supplies as there is no forklift at the Still Creek Works Yard

**2 Ton 4X2 Flatdeck (ENZ.0033) \$55,000**

The 2 Ton 4X2 Flatdeck will be used for the collection of used mattresses from residences by the Solid Waste division as an expanded service.

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**Emergency Hose Reel Pump System**

**(ENZ.0034) \$75,000**

The Emergency Hose Reel Pump System will provide a quick set up system for bypassing sewer blockages in emergency situations. It will also be used for dewatering projects and pump station emergencies.

**9.0 Replacement Vehicles over \$250K**

**\$1,700,000**

**2 Recycle Trucks (6002/6003)**

**(ENZ.0030) \$520,000**

To be ordered fall of 2015. Required due to maintenance costs and end of useful life.

**2 Automated Refuse Trucks (3015&3016)**

**(ENZ.0031) \$770,000**

To be ordered fall of 2015. Required due to maintenance costs and end of useful life.

**Sewer Combo Truck (1014)**

**(ENZ.0027) \$140,000**

Already approved by Council with a PO issued to Vimar Equipment. There is a carry forward amount from 2014 of \$350K to be used in conjunction with this request in order to acquire this vehicle.

**Tandem Axle Dump truck (1085)**

**(ENZ.0029) \$270,000.**

Required to replace vehicle at end of useful life.

It is recommended that the Financial Management Committee recommend Council approve the capital expenditure of \$2.666 Million for various capital improvements, as outlined in this report and authorize staff to bring down a bylaw in the amount of \$2.790 Million (inclusive of GST) to finance the capital equipment as outlined in this report.

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

FV/ac

Copied to: City Manager  
Director Finance  
City Solicitor