

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF FEBRUARY 17, 2015

Item 2, Report No. 4, of the Finance, Administration and Audit Committee, which was adopted without amendment by the Council of the City of Vaughan on February 17, 2015.

**2 BUDGET AMENDMENT FOR FLEET SERVICES FOR EMERGENCY REPLACEMENT OF ICE
RESURFACER**

The Finance, Administration and Audit Committee recommends approval of the recommendation contained in the following report of the Commissioner of Strategic and Corporate Services and the Manager of Fleet Services, dated February 2, 2015:

Recommendation

The Commissioner of Strategic and Corporate Services and the Manager of Fleet Services, in consultation with the Director of Buildings and Facilities and the Director of Financial Planning and Analytics recommend:

1. That the 2014 Capital Budget be amended to add a capital project for the emergency purchase of a Zamboni in the amount of \$91,687.15 plus applicable taxes and administration recovery fees and be funded from the Vehicle Replacement reserve; and
2. That the inclusion of this matter on a Public Committee or Council agenda with respect to amending the capital budget identified as Budget Amendment for Fleet Services for Emergency Replacement of Ice Resurfacer is deemed sufficient notice pursuant to Section 2(1)(c) of By-Law 394-2002 as amended.

Contribution to Sustainability

The Ice-resurfacing machines are an integral part of winter activities within the City's recreational programs that promote a safe and healthy lifestyle. Ensuring these machines are in proper working order allows the City residents to participate and enjoy these activities with the assurance that the indoor air quality is safe and poses no threat to public health, safety or welfare.

Economic Impact

The value of the goods purchased under Section 10 "Emergency Purchases" of the City's Consolidated Purchasing Policy is \$91,687.15 CAD plus applicable taxes. As this is for the replacement of an existing ice resurfacer, the proposed funding source for this project is the Vehicle Replacement reserve. Below are the details on the total costs for the purchase of the ice resurfacer:

Equipment Purchase	\$91,687.15
HST @ 1.75%	1,613.69
3 % Administration Recovery	2,799.03
Total Requirements	\$96,099.87
Funding: Vehicle Replacement Reserve	\$96,099.87

Communications Plan

N/A

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF FEBRUARY 17, 2015

Item 2, Finance Report No. 4 – Page 2

Purpose

As per the requirements of the City's Consolidated Purchasing Policy, Section 10.3, this report is being presented to advise Council of the emergency purchase of goods and services during the hiatus period and advise of a budget amendment required for the purchase.

Background - Analysis and Options

The Building and Facilities Department operates and maintains 11 Ice Resurfacing machines at various Community Centres and outdoor rinks within the City. These facilities are constantly monitored by the York Region Health Department for indoor air quality due to emissions from Ice-Resurfacers. On November 4, 2014, the Maple Community Centre was tested and found to be above the acceptable limits for Carbon Dioxide and Nitrogen Oxides. The on-site Ice-resurfer, Unit #1070 was identified as the source of the elevated readings and was immediately taken out of service for repairs. The repairs to the machine were insufficient in improving the emissions to fall within operating limits. Unit #1070 would require significant engine repairs with no guarantee that the emissions would improve enough to make the unit feasible again.

Unit #1070 is a 1999 Ice-resurfer that has been in service for in excess of 15 years, accumulating 4000Hrs of operation, an equivalent to 320,000 km driven. This unit is a primary ice-resurfer that delivers front line service to the Maple Community Centre (MCC) and has incurred several major failures due to excessive hours, resulting in increased downtime and excessive repair costs. Considering the need to ensure high quality customer service standards are adhered to for MCC users, the age and relatively poor condition of the machine facilitated the necessity for an emergency purchase of an Ice-resurfacing machine.

Emergency single sourcing was recommended based on operation factors that include:

- The unit was required immediately due to excessive break downs and the unreliability of the existing unit. This creates the potential for a difficult situation and poor customer service levels to all MCC recreational ice users. It also creates the potential for a negative economic impact, in having to refund ice rental charges for games, practices and tournaments.
- The unit has a tight turning radius, which significantly increases maneuverability, and enabling the new unit to be used at all the City's facilities with no major structural modifications needed to be performed on the existing ice-pads.
- The unit utilizes a fuel efficient, low emission four cylinder engine.
- The unit utilizes a heavy duty hydrostatic drive-line. This allows for a single pedal acceleration and braking system, with a higher degree of control while operating on ice. The hydrostatic system also allows for the continual operation of the machine, at the required RPMs, enabling full power output to the horizontal and vertical augers at all times.

In consideration of the emergency purchase of one unit and the fact that five additional units have been identified for replacement in the years 2015-2018, a long term strategy to replace the aging fleet of ice-resurfacers will be forthcoming.

Relationship to Vaughan Vision 2020/Strategic Plan

The emergency purchase of goods and service meets the following Vaughan Vision 2020 Goals and Themes:

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF FEBRUARY 17, 2015

Item 2, Finance Report No. 4 – Page 3

Goal: Service Excellence
Theme: Promote Community Health, Safety and Wellness – by ensuring noxious fumes related to health and safety are minimized and ensuring access to ice time with minimal disruption to users

Goal: Organizational Excellence
Theme: Manage Corporate Assets – by completing the cost benefit analysis and risk management considerations for staff and users

Regional Implications

N/A

Conclusion

Given the potential impact to the Maple Community Centre ice users, the emergency procurement the 2014 Capital Budget be amended to add a capital project for the emergency purchase of a Zamboni in the amount of \$91,687.15 plus applicable taxes and administration recovery fees and be funded from the Vehicle Replacement reserve.

Attachments

N/A

Report prepared by:

Scott S. Glew
Manager, Fleet Management Services

BUDGET AMENDMENT FOR FLEET SERVICES FOR EMERGENCY REPLACEMENT OF ICE RESURFACER**Recommendation**

The Commissioner of Strategic and Corporate Services and the Manager of Fleet Services, in consultation with the Director of Buildings and Facilities and the Director of Financial Planning and Analytics recommend:

1. That the 2014 Capital Budget be amended to add a capital project for the emergency purchase of a Zamboni in the amount of \$91,687.15 plus applicable taxes and administration recovery fees and be funded from the Vehicle Replacement reserve; and
2. That the inclusion of this matter on a Public Committee or Council agenda with respect to amending the capital budget identified as Budget Amendment for Fleet Services for Emergency Replacement of Ice Resurfacer is deemed sufficient notice pursuant to Section 2(1)(c) of By-Law 394-2002 as amended.

Contribution to Sustainability

The Ice-resurfacing machines are an integral part of winter activities within the City's recreational programs that promote a safe and healthy lifestyle. Ensuring these machines are in proper working order allows the City residents to participate and enjoy these activities with the assurance that the indoor air quality is safe and poses no threat to public health, safety or welfare.

Economic Impact

The value of the goods purchased under Section 10 "Emergency Purchases" of the City's Consolidated Purchasing Policy is \$91,687.15 CAD plus applicable taxes. As this is for the replacement of an existing ice resurfacer, the proposed funding source for this project is the Vehicle Replacement reserve. Below are the details on the total costs for the purchase of the ice resurfacer:

Equipment Purchase	\$91,687.15
HST @ 1.75%	1,613.69
3 % Administration Recovery	2,799.03
Total Requirements	\$96,099.87

Funding: Vehicle Replacement Reserve	\$96,099.87
--------------------------------------	-------------

Communications Plan

N/A

Purpose

As per the requirements of the City's Consolidated Purchasing Policy, Section 10.3, this report is being presented to advise Council of the emergency purchase of goods and services during the hiatus period and advise of a budget amendment required for the purchase.

Background - Analysis and Options

The Building and Facilities Department operates and maintains 11 Ice Resurfacing machines at various Community Centres and outdoor rinks within the City. These facilities are constantly monitored by the York Region Health Department for indoor air quality due to emissions from Ice-Resurfacers. On November 4, 2014, the Maple Community Centre was tested and found to be above the acceptable limits for Carbon Dioxide and Nitrogen Oxides. The on-site Ice-resurfacer, Unit #1070 was identified as the source of the elevated readings and was immediately taken out of service for repairs. The repairs to the machine were insufficient in improving the emissions to fall within operating limits. Unit #1070 would require significant engine repairs with no guarantee that the emissions would improve enough to make the unit feasible again.

Unit #1070 is a 1999 Ice-resurfacer that has been in service for in excess of 15 years, accumulating 4000Hrs of operation, an equivalent to 320,000 km driven. This unit is a primary ice-resurfacer that delivers front line service to the Maple Community Centre (MCC) and has incurred several major failures due to excessive hours, resulting in increased downtime and excessive repair costs. Considering the need to ensure high quality customer service standards are adhered to for MCC users, the age and relatively poor condition of the machine facilitated the necessity for an emergency purchase of an Ice-resurfacing machine.

Emergency single sourcing was recommended based on operation factors that include:

- The unit was required immediately due to excessive break downs and the unreliability of the existing unit. This creates the potential for a difficult situation and poor customer service levels to all MCC recreational ice users. It also creates the potential for a negative economic impact, in having to refund ice rental charges for games, practices and tournaments.
- The unit has a tight turning radius, which significantly increases maneuverability, and enabling the new unit to be used at all the City's facilities with no major structural modifications needed to be performed on the existing ice-pads.
- The unit utilizes a fuel efficient, low emission four cylinder engine.
- The unit utilizes a heavy duty hydrostatic drive-line. This allows for a single pedal acceleration and braking system, with a higher degree of control while operating on ice. The hydrostatic system also allows for the continual operation of the machine, at the required RPMs, enabling full power output to the horizontal and vertical augers at all times.

In consideration of the emergency purchase of one unit and the fact that five additional units have been identified for replacement in the years 2015-2018, a long term strategy to replace the aging fleet of ice-resurfacers will be forthcoming.

Relationship to Vaughan Vision 2020/Strategic Plan

The emergency purchase of goods and service meets the following Vaughan Vision 2020 Goals and Themes:

Goal:	Service Excellence
Theme:	Promote Community Health, Safety and Wellness – by ensuring noxious fumes related to health and safety are minimized and ensuring access to ice time with minimal disruption to users

Goal: Organizational Excellence
Theme: Manage Corporate Assets – by completing the cost benefit analysis and risk management considerations for staff and users

Regional Implications

N/A

Conclusion

Given the potential impact to the Maple Community Centre ice users, the emergency procurement the 2014 Capital Budget be amended to add a capital project for the emergency purchase of a Zamboni in the amount of \$91,687.15 plus applicable taxes and administration recovery fees and be funded from the Vehicle Replacement reserve.

Attachments

N/A

Report prepared by:

Scott S. Glew
Manager, Fleet Management Services

Respectfully submitted,

Joseph Pittari, MSc.
Commissioner of Strategic and Corporate Services

Scott S. Glew
Manager, Fleet Management Services