

## **COMMUNICATION 133069**

Received From: Ross Rankin, Project and Property Manager  
Addressed To: Committee of the Whole  
Date: August 9, 2022  
Topic: Ice Resurfacer Replacement

### **SUMMARY**

The purpose of this report is to request authority to enter into a purchasing contract with Zamboni Company Limited (Zamboni) through Local Authority Services (LAS) for the supply of one Zamboni Model 552ACLI, Lithium Ion Electric Ice Resurface Machine and Zamboni Level-Ice Laser System. LAS Contract #120320-FZC. There is an additional cost to complete the charger connection.

The Town utilized and is taking advantage of the pricing obtained from Local Authority Services (LAS) in the procurement of this Zamboni ice resurface machine. LAS was created in 1992 by the Association of Municipalities of Ontario. LAS is incorporated as a not-for-profit organization under the laws of Canada and is mandated to work with Ontario municipalities, as well as organizations from the broader public sector, to help realize lower costs, higher revenues, and enhanced staff capacity, through co-operative procurement efforts and innovative training, programs, and services. The bid price received through LAS is \$148,480.50,000 plus HST. Arena projects receive a 100% HST rebate, so the cost to the Town for the Zamboni unit, Level-Ice Laser System and installation of the charger connection will be \$175,730.50.

<b>VENDOR</b>	<b>BUDGET</b>	<b>BID PRICE</b>
Zamboni Company Limited – Zamboni component	\$120,000.00	\$148,480.50
Zamboni Company Limited – Level-Ice Laser System	\$0	\$24,500.00
J.A. Patterson Electric – Installation of charger connection	\$0	\$2,750.00
Total Cost	\$120,000.00	\$175,730.50

### **BACKGROUND**

The Town of Carleton Place is a member of Partners for Climate Protection (PCP) Program and is committed to achieving the milestones set out in the PCP five milestones. In addition, the Town is an active member of the Lanark County Climate Action Committee, and we, along with the County have begun making decisions to address Climate change. Some of the initiatives the Town has specifically taken are the purchase of hybrid vehicles for the Building Department, electric vehicles for the Fire Department / By-law Department and three the installation of three (3) vehicle charging stations (Fire Hall, Arena and Library).

Eliminating gas and other emissions like propane are some of the easiest and most beneficial ways we can eliminate GHGs and address climate change from a corporate perspective.

Staff completed a review and investigation on the Zambonis available to replace the Propane model that was purchased in 2009 and trade in (\$9,000) the 1998 ice resurface machine which is currently the spare.

The Zamboni options available are the Model 526 Propane which is the like for like replacement of the 2009 Model 525. The cost to purchase is \$88,950.60. The cost of ownership over 10 years, including fuel, maintenance and repairs, is \$229,747.

The Model 552ACLI is the electric replacement. The cost to purchase is \$148,480.50. The cost of ownership over 10 years, including electricity, maintenance and repairs is \$172,078.

Staff is recommending the purchase of the Level-Ice Laser System as it will reduce staff time on the ice, making this staff time available for other work. Based on 38 weeks of ice and 4 hours a week maintenance x 2 ice surfaces at a rate of \$30/hr (labour estimate), the annual labour savings is \$9,120 annually. Over 10 years, the total labour savings on the ice would be \$91,200 versus the initial cost of the unit at \$24,500.

## **COMMENTS**

The total budgeted amount for the new Zamboni is \$175,730.50 or \$55,730.50 over the 2022 budget of \$120,000.00. The Zamboni Model 552ACLI machine cost of ownership, over 10 years, is \$57,669 less than its comparable Propane ice resurface machine. It also reduces Green House Gases (GHG) by 8.13 tonnes per year.

Staff visited the Nepean Sportsplex in Ottawa to view and ask questions on the Zamboni Model 552ACLI. The City of Ottawa was test driving it and then purchased in November 2021.

Our Team followed up with a phone conversations with the City of Stratford and the University of Guelph. Both operate twin pad arenas, purchased the Ice-leveller and have operated the 552ACLI ice resurfacers.

The City of Ottawa, the City of Stratford and University of Guelph indicated that they had minor software issues when they arrived but the issue was immediately corrected.

In discussions with Zamboni, the expected delivery time upon award is less than 400 days.

Options available to the Town at this point are:

Option 1 – purchase the electric Zamboni ice resurfacers

Option 2 – purchase a like-for-like propane resurfacers

## **FINANCIAL IMPLICATIONS**

As noted above, there is a 400-day lead time before the new Zamboni will be received. Should council decide to proceed with award of this tender, the machine can be ordered and if a deposit is required, it can be paid from the reserves which were set aside to pay for the purchase in the 2022 budget. Any remaining balance of the purchase cost can then be paid once the machine is delivered. This will provide an opportunity for the Town to budget the additional funds in the 2023 budget. However, pulling the additional funds from the Administration reserves is always an option rather than having to budget extra from taxation in 2023.

## **STAFF RECOMMENDATION**

THAT Council approves proceeding with Option 1 - the purchase of a new Zamboni Model 552ACLI ice resurface machine, with Level-Ice Laser System and trade in of the 1988 Zamboni Model 525 along with the installation of the charger station at a total cost of \$175,730.50; and

THAT the budget deviation of \$55,730.50 be included in the 2023 budget.

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