

Municipality of Lakeshore – Report to Council

Community Health and Safety

Fire Services



To: Mayor & Members of Council
From: Don Williamson, Fire Chief
Date: October 19, 2023
Subject: 2024 Fire Department Defibrillator Lifecycle Replacement

Recommendation

Approve the lifecycle replacement of 5 fire department defibrillators and associated equipment funded through the County of Essex annual grant program and direct the Clerk to read By-law 97-2023 during the Consideration of By-laws, all as presented at the November 21, 2023 Council meeting.

Background

Lakeshore Fire Department has formally been assisting regional Emergency Medical Services (EMS) services since the late 1990s when the original Medical Tiered Response Agreement (MTRA) began. One key piece of equipment in that program is the defibrillator. Lakeshore Fire Department has five (5) front line defibrillators, one on the lead vehicle in each fire station. The defibrillators and associated equipment are purchased through an annual grant provided by the County of Essex through Essex-Windsor EMS. That program provides each participating municipality with \$1000 per defibrillator per year or in Lakeshore's case \$5000 each year. That annual grant fund is put into fire department reserves and accumulated to cover future lifecycle replacement costs.

The County of Essex determines the lifecycle frequency (typically 5 years) of their defibrillator equipment (which is a more complicated version of the fire department defib). Their new replacement product selection (based on user needs, paramedic feedback, and pricing) is not compatible with the make and model we currently use.

Comments

Each defibrillator manufacturer has their own unique set of chest pads/electrodes and connecting leads, training simulators, and carrying cases. The key piece here is the ability to unplug chest pad/electrodes from the fire department defib and plug them directly into the EMS defib so life saving measures have minimal interruption. If two different makes of defibs are used, fire department chest pads/electrodes must be

removed from the customer so EMS chest pads with proper connecting leads for their defib can be attached.

The proposed 2024 Q1 timeframe lifecycle replacement equipment for Lakeshore Fire Department includes:

Quantity	Description	
5	Defibrillators	\$15,500
5	Defib Carry Cases	\$1,000
16	Electrodes	\$1,000
2	Training Simulators	\$2,000
5	Defib Trade In	-\$1,000
		\$18,500

Note: Pricing does not include taxes

Others Consulted

Essex Windsor EMS

ZOLL Medical Canada

Financial Impacts

The lifecycle funding for this project will be sourced from the Fire Fleet & Equipment Reserves where the County of Essex annual grant funding resides. Over the past 5-year period Lakeshore has received \$25,000 in grant funding that will be used towards this purchase.

Report Approval Details

Document Title:	2024 Fire Department Defibrillator Lifecycle Replacement.docx
Attachments:	
Final Approval Date:	Nov 15, 2023

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

Prepared by Don Williamson

Submitted by Frank Jeney

Approved by Justin Rousseau and Truper McBride