

Municipality of Port Hope

Capital Projects

Project	2011 SCBA Replacement		
Department	Fire Services		
Version	04 Approved by Council	Year	2022

Description

Project Description

Replacement of aging self contained breathing apparatus for fire services.

Project Justification

Current SCBA's are outdated and starting to fail. Dependent on repairs needed, parts are no longer available from both the service providers and the manufacturer. This equipment is vital to fire services to allow staff to continue to perform their duties in hazardous atmospheres. SCBA's are a required piece of our respiratory program as per Section 21 Guidance Notes and departmental standard operating guidelines.

Cameco ERT and Port Hope Fire and Emergency Services maintains a service agreement where we provide emergency response to their facilities. Cameco ERT and PHFES make every attempt to maintain like equipment for seamless operations during an emergency. This tactic is highly recommended both from staff as well as Cameco ERT management. Like equipment benefits include the ability to interconnect equipment in life saving events, makes training staff easier, and staff from both services are familiar with equipment in the event sharing is required in a large scale event. Maintaining equipment will also allow Port Hope to benefit from Cameco ERT assisting with annual Fit Testing of respiratory masks, minor repair on SCBA and technological upgrades crucial to Cameco emergency response procedures.

Cameco ERT is proceeding with their own SCBA replacement in 2022. Approval of this project allows both entities to proceed with bulk purchasing savings, as well a maintain like equipment.

Purchasing new SCBA's will bring equipment up to current firefighting and respiratory standards. Additional costs will be saved on a go forward basis as new design has implemented rechargeable battery components whereas previous design was standard battery operation. Present SCBA was manufactured in 2008. If not replaced in 2022, replacement in 2023 will be mandatory as many cylinders will no longer be permitted to be filled due to expiration dates. Purchasing in 2022 provides contingency planning in case of delayed delivery based on market supply and demand. Given that SCBA is respiratory protection, it is recommended to proceed in 2022 as future needs during pandemic are unknown when it comes to PPE and respiratory protection requirements.

Budget

	Total	Prior Years	2022	2023	2024	2025	2026
Expenditures	560,000		560,000				
Funding							
Tax Levy							
Contrib fr Tax Levy	560,000		560,000				
	560,000		560,000				
Funding Total	560,000		560,000				

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Project	2011 SCBA Replacement		
Department	Fire Services		
Version	04 Approved by Council	Year	2022

Attributes		
Attribute	Value	Comment
Attributes		
Department	Fire Services	
Project Type	Replacement	
Replacement Type	Replacement - Similar	
Tax Levy Allocation		
Physical Boundary Location		
Identified in any Council Approved Plan?	No	
Identify Council Approved Plan(s)		
Project Status		
Asset Management Plan (AMP)		
Existing Asset ID #	655 to 664	
Replacement Value Identified in AMP (\$)	650000	
Replacement Year Identified in AMP	2023	
Estimated Useful Life (in years)	15 years	
Future Annual Impact on AMP (Cost per year)		
Date		
Start Date	4-Jan-2022	
Completion Date	31-Oct-2022	
To be Completed by Finance		
Approval Status	Approved by Council	
GL Account Number		

Municipality of Port Hope

Capital Projects

Project	2014 Pager Upgrade		
Department	Fire Services		
Version	04 Approved by Council	Year	2022

Description

Project Description

Digital portable radios

Project Justification

This project is the upgrading of department analog pagers to digital portable radio's that have a paging feature. Northumberland County Fire departments including Port Hope have switched over all radios to digital over the last few years.

This project is tied to a larger County wide project which includes the decommissioning of a current radio tower site and relocation to a new site. Demolition is pending over the next year which requires all fire departments to upgrade radio and paging equipment. As part of the overarching County project and transition to digital radios, staff presently cannot hear vital updates while on route to the fire station, thus the reasoning for this request.

With the digital radio's, staff will be able receive the page out call information and listen to the updates as well as can relay information if they come across a scene. On scene safety will be increased as every member on scene will have a radio and be able to hear and speak. Moving forward with the digital system staff will have better coverage throughout Northumberland County. Presently, pager range does not expand much beyond the municipal limits.

Over 75% of the pagers currently in use at Port Hope Fire are obsolete and parts are not available for repairs. These digital portable radios are cheaper than the currently purchased Minitor VI pagers. There are currently 6 of the radios identified for this project in service with senior officers as a test pilot and have had positive feedback.

Budget

	Total	Prior Years	2022	2023	2024	2025	2026
Expenditures	38,000		38,000				
Funding							
Tax Levy							
Contrib fr Tax Levy	38,000		38,000				
	38,000		38,000				
Funding Total	38,000		38,000				

Municipality of Port Hope

Capital Projects

Project	2014 Pager Upgrade		
Department	Fire Services		
Version	04 Approved by Council	Year	2022

Attributes		
Attribute	Value	Comment
Attributes		
Department	Fire Services	
Project Type	Replacement	
Replacement Type	Replacement - Upgrade	
Tax Levy Allocation	Common	
Physical Boundary Location		
Identified in any Council Approved Plan?	No	
Identify Council Approved Plan(s)		
Project Status		
Asset Management Plan (AMP)		
Existing Asset ID #		
Replacement Value Identified in AMP (\$)		
Replacement Year Identified in AMP		
Estimated Useful Life (in years)	10	
Future Annual Impact on AMP (Cost per year)		
Date		
Start Date	3-Jan-2022	
Completion Date	30-Nov-2022	
To be Completed by Finance		
Approval Status	Approved by Council	
GL Account Number		

Municipality of Port Hope

Capital Projects

Project	2015 Fire Station 2		
Department	Fire Services		
Version	04 Approved by Council	Year	2022

Description

Project Description

Replace Fire Station 2 - Welcome

Project Justification

Due to space limitations and general health and safety issues, fire station 2 is in need of expansion and replacement. This project is a continuation from project # 2002 which was cancelled in 2021. This project was cancelled when it was determined that station 2 is situated in a flood plain as identified by GRCA and our municipal planning department. The project was placed on hold in order to complete a master fire plan, which includes a station location study.

Funding is to cover the costs of potential environmental assessments, architectural drawings and space allocation assessments prior to land acquisition and construction.

This project would not be initiated until after the master fire plan completed and Council has reviewed recommendations and approved the site location for station 2.

Budget

	Total	Prior Years	2022	2023	2024	2025	2026
Expenditures	150,000		150,000				
Funding							
Tax Levy							
Contrib fr Tax Levy	82,080		82,080				
	82,080		82,080				
D/C							
Contrib fr Fire D/C	67,920		67,920				
	67,920		67,920				
Funding Total	150,000		150,000				

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Capital Projects

Project	2015 Fire Station 2		
Department	Fire Services		
Version	04 Approved by Council	Year	2022

Attributes		
Attribute	Value	Comment
Attributes		
Department	Fire Services	
Project Type	Replacement	
Replacement Type	Replacement - Similar	
Tax Levy Allocation	Common	
Physical Boundary Location	Rural Port Hope	
Identified in any Council Approved Plan?	No	
Identify Council Approved Plan(s)		
Project Status		
Asset Management Plan (AMP)		
Existing Asset ID #	8205	
Replacement Value Identified in AMP (\$)	800000	
Replacement Year Identified in AMP	2029	
Estimated Useful Life (in years)		
Future Annual Impact on AMP (Cost per year)		
Date		
Start Date	1-Apr-2022	
Completion Date	31-Dec-2023	
To be Completed by Finance		
Approval Status	Approved by Council	
GL Account Number		