



## INFORMATION REPORT

<b>TO:</b>	Chair and Members Emergency and Community Services Committee
<b>COMMITTEE DATE:</b>	June 19, 2020
<b>SUBJECT/REPORT NO:</b>	Self-Contained Breathing Apparatus Parts (SCBA) Parts Shortage (HSC20025) (City Wide)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Shawn DeJager (905) 546-2424 Ext. 3378
<b>SUBMITTED BY:</b>	David Cunliffe Chief, Hamilton Fire Department Healthy and Safe Communities Department
<b>SIGNATURE:</b>	

### COUNCIL DIRECTION

Not Applicable

### INFORMATION

A critical piece of Personal Protective Equipment (PPE) that the Hamilton Fire Department (HFD) uses is Self-Contained Breathing Apparatus (SCBA). This piece of PPE consists of SCBA Paks, Air Cylinders and Face Pieces that provide oxygen and face protection allowing firefighters to enter and work within hazardous, oxygen deprived, contained environments and perform firefighting and rescue functions.

The last major changeout of PPE occurred approximately 15 years ago. HFD and Procurement staff are currently drafting a new competitive procurement document for the supply of new SCBA to be presented to Council through the 2021 Capital Budget process to ensure adequate and timely replacement. However, in order to continue HFD's operations until a new procurement is funded and awarded, staff must maintain the current equipment SCBA through the use of replacement parts.

On October 24, 2016, staff submitted Report CES16044 in accordance with Procurement Policy #14 requesting Council's approval to standardize the equipment to ensure consistency of compatible replacement equipment and parts. Council approved

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OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

**SUBJECT: Fire Apparatus Conference/Trade Show Showcase (HSC20025) (City Wide) - Page 2 of 2**

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the report and equipment was standardized to SCOTT Aviation 3M as the manufacturer through to December 31, 2021. As the existing SCBA equipment ages there is progressively greater likelihood of damage/equipment failure due to wear and tear and thus essential for HFD's operations that a consistent and secured supply of SCBA parts is maintained at all times. To achieve this, HFD and Procurement staff issued a Request for Tenders, C5-11-17 for the supply and delivery of replacement parts to keep the SCBA program in continuous service. The contract was awarded to M&L Supply Fire & Safety (M&L) and is in its final term which is set to expire August 31, 2021.

Unfortunately, the availability of this generation of SCBA replacement parts has become increasingly difficult to obtain and the registered dealer, M&L has not been able to provide the necessary parts due to a number of issues out of both M&L and HFD's control, such as:

- COVID-19 has impacted global supply chains for PPE including SCBA parts and continues to impact any item that requires importation into Canada;
- The current SCBA Paks are 15 years old and the original manufacturer, 3M Scott Fire and Safety, no longer produce this generation of Pak and associated parts;
- The significant worldwide demand for PPE due to COVID-19, coupled with the age of the SCBA Paks has caused other Fire services in North America who also rely on this generation of SCBA to further drive up demand for these replacement parts causing other retailers for these parts to refuse selling their stock to any other service outside of their own current client base.

HFD has worked with M&L and the City's Procurement Section to secure part sources in North America however, to date this exercise has produced limited results and usable parts inventory is quickly depleting. Considering this and in consultation with the Procurement Section, HFD has received General Manager's approval to proceed with a Policy 11 – Non-Competitive Procurement to enable discussions with both SCOTT Aviation 3M and M&L to supply short term rental/lease SCBA Paks (currently not covered under Contract C5-11-17). This rental/lease opportunity will allow HFD to use new SCBA Paks for specific training functions and repurpose its older SCBA Paks and strip them of reusable parts for use in other older SCBA Paks.

This solution is intended to obtain the necessary parts to remain operational until the award of the new procurement contract as part of the 2021 Capital Budget process. HFD intends to report back to Committee in August 2020 outlining the upcoming SCBA end of life replacement/change out program.

**APPENDICES AND SCHEDULES ATTACHED**

None