

## Municipality of West Grey

### Budget Request

Request: FRS-01-22 Capital - replacement of SCBA and breathing air compressor

Department: Fire Services

Year: 2022

Included in draft budget ☒

Proposed addition to budget ☐

Description
<b>Budget Request Form</b>
<b>Nature of request:</b>
Replacement of SCBA and breathing air compressor
<b>Justification:</b>
<p>SCBA (Self Contained Breathing Apparatus) this equipment is part of the fire service's PPE (Personal Protective Equipment). The present equipment is now 15 years old, and the air cylinders are due to expire over the next two years. The Air Packs themselves are now four (4) generations old and no longer meet NFPA (National Fire Protection Agency) recommendations. The present operating pressure is 2216-psi for the cylinders and packs. The industry standard is now 4500-psi so this would also be an upgrade to present equipment. If we stay with the 2216-psi, we would still be required to replace our cylinders, there are over 70 in total.</p> <p>Upgrading to the 4500-psi system, we would be required to also upgrade our breathing air compressor to a 6000-psi system. Each SCBA unit has a computer built in that operates and regulates pressures, air flows and sensors, including the man down integrated alarms of each unit. We presently have 38 units in operation as well as 3 units in RIT (Rapid Intervention Team) bags these units are taken in when we have a firefighter in trouble that may require rescuing.</p> <p>Each unit would consist of the air pack itself, two 4500-psi cylinders for each, and all accessories for each pack, including RIC (Rapid Intervention Connection) and hoses. This is so one firefighter can buddy breath in an emergency if trouble were to arise. Each firefighter would be fitted for their own face piece as part of their PPE. The compressor and the cascade system would be replaced to the 6000-psi system and the fill station would remain as status quo.</p> <p>Compressor system upgrade; \$58,000. SCBA Replacement: \$422,000. Budget estimates only.</p> <p>Any SCBA considered for purchase must first meet and pass testing by a committee made up of firefighters.</p>

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#### Consequences of not funding:

Firefighter safety may be compromised as the present equipment is aging and may be at risk of failure. There are also higher maintenance costs on the old units as parts for older models dwindle. This equipment is also important to allow personnel to do the job safely. With out the SCBAs, there would be no proximity or internal firefighter or rescue operations.

#### Alignment with council priority of strategic plan

Pillar: Build a better future

Goal: Vibrant community

Strategy: Maintain and invest in our infrastructure; be responsible stewards of the tax dollars

	2022 Mandatory	2022 One- time	2022 Growth	2022 Service level	2023 One- time	2023 Service level
Capital Expenditure		480,795				
Operating Expenditure						
<b>Funding Source</b>						
Tax Levy		59,112				
Reserves Gen. Cap. Dev. Charg		225,933 195,750				
Grant						
Fees						
Other						