

## Staff Report

**To:** Mayor Bazinet and Members of Council  
**Report From:** Jeff Wormington, Fire Services Manager/ Fire Chief  
**Meeting Date:** August 11, 2025  
**Subject:** Replacement of Breathing Air Compressor

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**Recommendation:**

That Goderich Town Council concurs with the Fire Chief/Fire Services Manager's recommendation to authorize the purchase of a new breathing air compressor in the amount of \$77,500, excluding HST.

**Report Summary:**

The Goderich Fire Department requires a new breathing air compressor due to the age and condition of the current Breathing Air compressor.

**Background and Analysis:**

The existing breathing air compressor within the Fire Department is encountering significant mechanical challenges attributable to its age and capacity. In 2019, the department upgraded its Self-Contained Breathing Apparatus (SCBA) from 2216 psi to 4500 psi cylinders. Concurrently, the cascade system was enhanced to include 6000 psi bottles; however, the compressor technology was not updated to match this advancement. The inadequate capacity of the legacy compressor's motor and unit size has resulted in substantially prolonged fill times for the new cylinders. These extended fill times negatively impact operations during structural firefighting scenarios, where rapid and reliable support is crucial. The increased operational strain on the dated compressor has led to overheating issues, rendering the equipment inoperative during lengthy emergency responses. Consequently, the department is compelled to seek assistance from neighboring fire departments to replenish cylinder banks in such critical times. This necessity introduces delays, imposes additional burdens on fire crews, and raises substantial safety concerns due to the potential scarcity of refilled air supply cylinders during emergencies.

Requests for Quotations (RFQs) were disseminated via the Bids and Tenders page of the Town's website, resulting in the receipt of two quotations:

- A.J Stone:
  - OPEN HD 400EM Coltri Compressor
  - SS-3PD Fill Station
  - 4 Position DOT Cylinder Rack
  - Quotation: \$71,849.00 plus HST
- M & L Supply:
  - Jordair AIR-KAT6-1214-1EUS
  - 3 Position Fill Station
  - 4 Position DOT Cylinder Rack
  - Quotation: \$77,500.00 plus HST

After evaluating the proposals, I recommend proceeding with the acquisition of the Jordair AIR-KAT6-1214-1EUS system from M & L Supply. This system meets our operational needs more effectively, offers a superior warranty, and comes with positive reviews from other departments using the same system and supplier. Consulting with these departments has confirmed that their experiences align well with our requirements and expectations.

**Linkage to the Corporate Strategic Plan (Choose all that apply):**

- ☐ No. 1 Safe and Reliable Infrastructure
- ☐ No. 2 Welcoming and Caring Community
- ☐ No. 3 Strong Local Economy
- ☒ No. 4 Good Government
- ☐ No. 5 Environmental Stewardship

**Linkage to Asset Management Plan:**

This staff report is related to the following within the Town's Asset Management Program (Choose one):

- ☐ Road Network
- ☐ Water Network
- ☐ Sanitary Network
- ☐ Storm Network
- ☐ Fleet
- ☐ Facilities
- ☐ Land Improvements
- ☒ Machinery and Equipment

And directly impacts (Choose all that apply):

- ☒ State of Good Repair/Replacement
- ☒ Municipal Levels of Service
- ☒ Risk Management
- ☐ Growth Impacts
- ☐ Financial Strategy

**Financial Impacts and/or Source of Funding:**

Is this cost budgeted for? Yes: ☒ No: ☐

Budget: \$80,000

Actual: \$77,500.00 plus \$10,075.00 HST = \$87,575.00

Recoverable HST = \$8,711.00

Total net cost: \$78,864.00

Balance: \$1,136.00

**Consulted With:**

Deanna Hastie, Director of Corporate Services/Treasurer

**Approved By:**

Janice Hallahan, Chief Administrative Officer

Andrea Fisher, Director of Legislative Services/Clerk