

## CITY OF VAUGHAN

### **EXTRACT FROM COUNCIL MEETING MINUTES OF MAY 16, 2023**

Item 13, Report No. 23, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on May 16, 2023.

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**13. EMERGENCY PURCHASE FOR NEDERMAN EXHAUST CAPTURE SYSTEM IN FIRE MECHANICAL AREA**

**The Committee of the Whole recommends approval of the recommendation contained in the following report of the City Manager, dated May 9, 2023:**

**Recommendations**

1. THAT this report be received for information purposes only.

## Committee of the Whole (2) Report

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**DATE:** Tuesday, May 9, 2023    **WARD(S):** ALL

**TITLE:** EMERGENCY PURCHASE FOR NEDERMAN EXHAUST  
CAPTURE SYSTEM IN FIRE MECHANICAL AREA

**FROM:**  
Nick Spensieri, City Manager

**ACTION:** FOR INFORMATION

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### **Purpose**

In accordance with the City Procurement Policy PS-003, Vaughan Fire & Rescue Service (VFRS) and Facility Management are providing Council with requisite information on emergency purchase (EMP23-217) to replace an existing vehicle exhaust extraction system located at the Joint Operations Centre (JOC). This system required significant repairs thereby limiting the department's ability to service emergency vehicles and maintain a safe working environment for staff.

### **Report Highlights**

- This system was evaluated in Q2-2022, and it was determined that a compatible replacement was required in expedited timelines to ensure continuity of operations.
- To remain compatible with existing Fire Station exhaust systems, which was mandatory due to the proprietary nature of this equipment, Nederman Canada was the specified vendor to complete this work.
- The cost was previously approved by the City Manager as an emergency purchase in July 2022 based on the urgent requirement to rectify this deficiency.

### **Recommendation**

1. THAT this report be received for information purposes only.

## **Background**

As part of the daily operations, the VFRS Mechanical Division repairs and diagnoses our diesel vehicles inside the building at the JOC. This includes operating the engine for an extended period. The direct capture exhaust extraction system removes vehicle emissions, while maintaining the air quality within the building. In Q2/Q3 2022, VFRS and Facilities Management staff completed evaluation and it was determined the exhaust system required replacement to meet the future vehicle requirements.

## **Previous Reports/Authority**

None.

## **Analysis and Options**

The existing system was evaluated by staff; it was determined that a replacement over repair strategy was required for both longevity and fiscal responsibility. As the fleet underwent enhancements with new vehicle models on the market, this exhaust system was never designed for the new vehicle exhaust temperatures and air flow capacities required to maintain a clean environment.

To remain compatible with existing fire station exhaust systems Nederman Canada was requested to review and propose a system which would meet the above noted requirements. Nederman Canada is the exclusive provider of our fire station exhaust systems.

## **Financial Impact**

The cost for the project was \$141,274.77 has been budgeted for by Facilities Management under capital project BF-8591-17 Fire Hall (General) - Annual Capital Improvement.

## **Operational Impact**

None.

## **Broader Regional Impacts/Considerations**

None.

## **Conclusion**

In accordance with the City Procurement Policy PS-003, VFRS and Facility Management is informing Council of this emergency purchase that was completed.

**For more information**, please contact:

Andrew Zvanitajs, Fire Chief, ext. 6301

Dave Merriman, Director, Facilities Management, ext. 8296

**Prepared by**

Andrew Zvanitajs, Fire Chief, ext. 6301

Dave Merriman, Director of Facilities Management, ext. 8296

**Approved by**

A handwritten signature in black ink, appearing to read "V. Musacchio".

Vince Musacchio

on behalf of Nick Spensieri,  
City Manager