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**VILLAGE OF SUGAR GROVE  
BOARD REPORT**

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**TO:** VILLAGE PRESIDENT & BOARD OF TRUSTEES  
**FROM:** BRAD MERKEL, DIRECTOR OF PUBLIC WORKS  
**SUBJECT:** RESOLUTION: REPLACEMENT PUBLIC WORKS GARAGE GAS  
DETECTION AND VENTILATION CONTROL SYSTEM  
**AGENDA:** FEBRUARY 7, 2023 REGULAR BOARD MEETING  
**DATE:** FEBRUARY 2, 2023

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**ISSUE**

Should the Village Board approve a resolution to replace the Public Works Garage Gas Detection and Ventilation Control System.

**DISCUSSION**

The Public Works Garage Gas Detection and Ventilation Control System is failing and in need of replacement. This current system is now over 20 years old and is no longer serviceable. Staff received a quote from Arco Mechanical of \$17,000 to replace the current system. The quote includes replacement of the System Controller, all sensors, start-up and training.

**COST**

The cost of the replacement Public Works gas detection and ventilation control system is \$17,000.00. This purchase unbudgeted in the current FYE 23; however, the funds are available in account numbers 01-54-6406 Repair & Maintenance – Buildings and 50-59-6406 Repair & Maintenance - Buildings.

**RECOMMENDATION**

The Village Board approves **Resolution # 20230207PW2** authorizing the purchase of the replacement Public Works Garage Gas Detection and Ventilation Control System from Arco Mechanical.



RESOLUTION NO. 20230207PW2

**VILLAGE OF SUGAR GROVE, KANE COUNTY, ILLINOIS**

**RESOLUTION AUTHORIZING EXECUTION OF AN AGREEMENT WITH  
ARCO MECHANICAL FOR THE REPLACEMENT PUBLIC WORKS  
GARAGE GAS DETECTION AND VENTILATION CONTROL SYSTEM.**

**WHEREAS**, the Village of Sugar Grove Board of Trustees find that it is in the best interest of the Village to engage the services of Arco Mechanical for the replacement Public Works garage gas detection and ventilation control system and to execute the attached agreement;

**NOW, THEREFORE, BE IT RESOLVED** by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, as follows:

That attached hereto and incorporated herein by reference as Exhibit A is an agreement between Arco Mechanical for the replacement Public Works garage gas detection and ventilation control system. The President and Clerk are hereby authorized to execute said agreement on behalf of the Village and to take such further actions as are necessary to fulfill the terms of said agreement.

Passed by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, at a regular meeting thereof held on the 7th day of February, 2023.

\_\_\_\_\_  
Jennifer Konen, President of the Board  
of Trustees of the Village of Sugar Grove,  
Kane County, Illinois

ATTEST:

\_\_\_\_\_  
Alison Murphy, Clerk  
Village of Sugar Grove

	Aye	Nay	Absent	Abstain
Trustee Matthew Bonnie	_____	_____	_____	_____
Trustee Sean Herron	_____	_____	_____	_____
Trustee Heidi Lendi	_____	_____	_____	_____
Trustee Michael Schomas	_____	_____	_____	_____
Trustee Ryan Walter	_____	_____	_____	_____
Trustee James F. White	_____	_____	_____	_____
President Jennifer Konen	_____	_____	_____	_____



ARCO Mechanical Equipment Sales  
1000 Industrial Dr. Unit 1C  
Bensenville, IL 60106  
630-350-1770  
info@arcomech.com

### **Quotation #199**

To: Bryan Beach

Date: February 2, 2023

Revision:

Job Name: Sugar Grove

Location:

Engineer:

We are pleased to make the following proposal to furnish a new gas detection system and provide startup and owner training. System will be installed by others.

<b>Qty</b>	<b>Description</b>	<b>Price (\$)</b>
4	<b>TOXALERT</b> Model GVU-CO Remote carbon monoxide (CO) sensor range 0 to 250 ppm	\$4,300.00
4	<b>TOXALERT</b> Model GVU-NO2 Remote nitrogen dioxide (NO2) sensor range 0 to 10 ppm	\$5,500.00
1	<b>TOXALERT</b> Model GVU-12, control unit, 120 VAC power, fan stage SPST relay, alarm stage SPST relay, high CO and NO2 LEDs, power on and fan on LEDs, fan override switch, panel lock, and control unit alarm.	\$6,000.00

ADD +\$1,200 for startup, and owner training. Sensors to be fully function tested with proper span gas at the time of startup to ensure compliance.

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Price to perform scope of work as described above is: \$17,000.

Freight included

Above prices valid for 60 days

Tax is not included

( ) per plans and specifications

(X) per your request

Submitted by: Nick Wolfe

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