



AGENDA ITEM # 8H

AGENDA ITEM EXECUTIVE SUMMARY

Village Board Meeting

January 24, 2022

Item Title: Cascade System Compressor for SCBA's (Air Bottles)

Staff Contact: David Gnadt, Deputy Fire Chief

VILLAGE BOARD ACTION

Adopt a resolution authorizing the purchase of a Cascade System Compressor from Air One Equipment in the amount of \$58,935.00.

Executive Summary:

The fire department currently has one stationary cascade system compressor. A cascade system compressor allows high volumes of breathing air to be stored in portable or stationary racks which is utilized regularly to fill air bottles for fire department personnel. The current system is 20 years old, and at the end of its service life; the industry replacement standard is in the 15 to 20-year range.

Cascade System Compressor for SCBA's (Air Bottles)	
Air One Equipment	\$58,935.00
MES	\$63,309.80
SCBAS Inc.	\$68,685.00

Air One Equipment is the lowest bidder of the three vendors. The recommendation is to purchase the Air One Equipment cascade system compressor. Support from Air One Equipment has historically been good and vendor location (South Elgin) is also convenient.

Implications:

Is this item budgeted? Yes. The FY 2022 Equipment Replacement Fund includes \$80,000 for the cascade system compressor.

Any other implications to be considered? None

Attachments:

Resolution & Quote from Air One Equipment.

RESOLUTION NO. 2022-

**A RESOLUTION AUTHORIZING THE PURCHASE OF
A CASCADE SYSTEM COMPRESSOR FROM AIR ONE EQUIPMENT IN THE
AMOUNT OF \$58,935.00.**

WHEREAS, the corporate authorities of the Village of Roselle deem it in the best interest of the Village to approve the purchase of a cascade system compressor from Air One Equipment; and

WHEREAS, Air One Equipment has local service area location in South Elgin; and

WHEREAS, Air One Equipment performs all warranty and complex repairs on the fire department cascade system compressor.

WHEREAS, both parties agree to the terms and conditions set forth in the proposal as described in Exhibit A.

NOW, THEREFORE, be it resolved by the Mayor and Board of Trustees of the Village of Roselle, DuPage and Cook Counties, Illinois as follows:

Section 1: The Mayor is hereby authorized to approve the purchase of a replacement cascade system compressor in the amount of \$58,935.00 as outlined in the itemized quote that is attached hereto and incorporated as fully set forth as Exhibit A.

Section 2: Village staff are authorized and directed to undertake any and all other tasks necessary, or in furtherance of, to purchase a cascade system compressor.

ADOPTED this 24th day of January 2022

AYES:
NAYS:
ABSTAIN:
ABSENT:

David Pileski, Mayor

ATTEST:

Patricia Burns, Village Clerk



Air One Equipment, Inc.
 360 Production Drive, South Elgin IL 60177
 Telephone: (847) 289-9000 Fax: (847) 289-9001
 website: www.aoe.net

Quotation

TO: ROSELLE FIRE DEPARTMENT
 100 E MAPLE ST.
 ROSELLE IL 60172

Date: 1/20/2022

ATTN: DAVE GNADT

Ref: MAKO AIR COMPRESSOR

Qty	Part Number	Description	Each	Extended
1	BAM08HE3	MAKO MODEL BAM08HE3 BREATHING AIR MODULE COMPRESSOR COMPLETE WITH 4 STAGE; AIR COOLED COMPRESSOR 27 CFM @ 6000 PSI - 20 H.P. ELECTRIC MOTOR(208-230V/3PHASE) MK5C PURIFICATION SYSTEM(82,000CF W/70F INLET TEMP)	\$33,495.00	\$33,495.00
1	* CO *	ADD MAKO CO MONITORING SYSTEM TO AIR COMPRESSOR **CO MONITOR REQUIRED TO MEET NFPA 1989 **	\$3,995.00	\$3,995.00
1	SCFS2	MAKO TWO POSITION CONTAINMENT FILL STATION W/4-BANK MANUAL CASCADE CONTROLS, FILL PANEL WITH GAUGES, FILLING WHIPS WITH CGA 347 THREAD AND HIGH PRESSURE REGULATOR	\$7,995.00	\$7,995.00
1	OPTIONAL	UPGRADE FILL STATION TO SCUBA FILL CAPABILITY	\$1,395.00	
1	OPTIONAL	UPGRADE FILL STATION TO THREE POSITION	\$1,395.00	
1	AUTO	UPGRADE FILL STATION TO AUTOMATIC CASCADE CONTROL	\$3,750.00	\$3,750.00
1	6 X 6000	SIX CYLINDER UN/ISO 6000PSI STORAGE CASCADE SYSTEM	\$7,200.00	\$7,200.00
1	INST/FRT	DELIVERY, FREIGHT, AND INSTALLATION OF COMPLETE SYSTEM	\$2,500.00	\$2,500.00
QUOTE VALID THROUGH 03/31/2022				

Total of All Equipment: 58,935.00

NOTES:

1. INCLUDES TRADE IN AND REMOVAL OF EXISTING AIR COMPR.
2. INCLUDES INSTALLATION OF 3" FRESH AIR INTAKE.
3. NFPA 1989 REQUIRES CO MONITOR

Thank You!

Estimated Delivery:

ON REQUEST

By: Martin Svihra
Air One Equipment, Inc.