

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda
BIDS AND PROPOSALS

TO: President and Village Board of Trustees
FROM: David A. Hulseberg, Village Manager
DATE: April 3, 2012 Agenda Date: April 19, 2012
TITLE: **Purchase SCBA Compressor for Fire Station II**

SUBMITTED BY: Jerry M. Howell, Interim Fire Chief *JMH*

RESULTS:

Date Bids Were Published:..... Date Bidding Closed: N/A
Total Number of Bids Received..... N/A
Total Number of Bidders Meeting Specifications ___ Yes X No
Bid Security Required ___ Yes X No
Performance Bond Required ___ Yes X No
Were Any Bids Withdrawn ___ Yes ___ No
Explanation..... ___ Yes ___ No
If yes, explain:
Waiver of Bids Requested? X Yes ___ No
If yes, explain:
Award Recommended to Lowest Responsible Bidder..... ___ Yes ___ No
If no, explain:

FISCAL IMPACT:

Amount of Award: \$33,753.95 – to Breathing Air Systems
\$20,000 may be used from the savings on the Cardiac Monitor purchase earlier in the year.
\$13,753.95 has been made available from the Fire & Rescue Operating budget line.

BACKGROUND/RECOMMENDATION:

See attached memorandum.

Has Recommended Bidder Worked for Village Previously ___ Yes X No
If yes, was quality of work acceptable ___ Yes ___ No N/A
Was item bid in accordance with Public Act 85-1295? ___ Yes X No
Waiver of bids - Public Act 85-1295 does not apply X Yes

REVIEW (as needed):

Finance Director XX _____ Date _____
Village Manager XX _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 Noon, Wednesday, prior to the Board Agenda distribution.



TO: David A. Hulseberg, Village Manager

FROM: Jerry M. Howell, Interim Fire Chief

DATE: April 3, 2012

RE: PURCHASE SCBA COMPRESSOR

Please find the attached documentation reference the SCBA Compressor purchase. This item was previously included in the CIP but was cut for financial reasons.

It is the hard work put forth by Battalion Chief Ron Rakosnik and Lieutenant Michael Heimbecker who worked with the companies and then compiled a recommendation for the purchase.

A large amount of the funding needed to purchase the compressor will come from the \$20,000 savings when the department purchased cardiac monitors in September. The cardiac monitor purchase came in way under the budgeted amount (2390.733140), due to the hard work of our EMS Team.

The additional \$13,753.95 needed has been made available from the Fire & Rescue Operating budget line (2320.733140).

Please place this purchase of the SCBA Compressor on the April 19, 2012 Board of Trustees' Agenda.

Thank you.

:lh



January 30, 2012

To: Chief J. Howell *J.H.* *MH*
From: B/C Ron Rakosnik, Lt. Mike Heimbecker

Re: Cost Justification for Purchase of SCBA Compressor for Fire Station II

On October 20, 2011, a memo was submitted recommending the purchase of an SCBA compressor from Breathing Air Systems. This unit will replace the existing non-functioning air compressor system which is beyond repair.

Quotes obtained are as follows:

- Air One – \$36,800.00
- **Breathing Air Systems – \$33,753.95**
- SCBAS, Inc. – \$32,995.00

The difference in price between the recommended Breathing Air Systems quote and the lowest bid is \$758.95.

The recommendation for purchase of this unit is justified based upon the following:

Warranty

Recommended Bauer Compressor by Breathing Air Systems:

- 2 years parts and labor on site for the entire compressor package
- 5 years parts only for the compressor pump

Lowest Bid Eagle Raptor Compressor by SCBAS, Inc.

- 1 year parts and labor for entire compressor package
- 2 years parts only for the compressor pump

* The added value of the extra years of Warranty offered by Breathing Air Systems far outweighs the additional upfront cost of the compressor package.

References

Reference lists were provided by both SCBAS, Inc. and Breathing Air Systems. References include fire departments in and around our area that have purchased units and receive service from their respective vendor. The references contacted for Breathing Air Systems provided positive feedback regarding both the purchase and service received from the company. Breathing Air Systems has also sold and services many more units in our region than the lowest bidder. Their references include a variety of organizations from small suburban fire departments to large city departments such as Joliet and Chicago. Furthermore, they come highly recommended by the Illinois Fire Service Institute, the State's largest fire academy.



October 20, 2011

To: Chief M. Torrence

From: Lt. Mike Heimbecker MH

Re: Recommendation for Purchase of SCBA Compressor for Fire Station II



Following the demise of the existing air compressor at Fire Station II, a process to select a replacement compressor began. The goal was to identify a reputable vendor that would provide a comparable unit to our previous compressor at a competitive price.

AIR COMPRESSOR VENDORS

Three vendors were contacted as part of the bid process. Each of the vendors provide service/maintenance within our region.

- Air One – South Elgin, IL
- Breathing Air Systems – Moweaqua, IL
- SCBAS, Inc. – Washington, IL

Each vendor has a reputation for quality and references available for review.

SPECIFICATIONS FOR QUOTATIONS

Each vendor was asked to prepare a quote to replace our existing air compressor with a unit of similar capacity and motor size. New standards now require that all SCBA air compressors be equipped with a CO (carbon monoxide) monitor as well as a containment-style fill station to protect personnel.

The configuration of the hallway and doorway to our shop/air room prohibited the vendors from quoting certain systems as possible options as they will not make the turn into the room. Each of the vendors took this into consideration offering quotes on component-style systems which consist of a stand-alone compressor, stand-alone fill station, and stand-alone cylinder rack. Furthermore, each vendor was asked to include an option for re-using the four existing 6,000 psi DOT cylinders from our previous compressor. Each vendor agreed that the cylinders are in good condition and would be suitable for use on a new system. This is a significant price-savings.

RECOMMENDATION FOR PURCHASE OF SCBA COMPRESSOR

Recommendation for purchase is based upon the specifics of the quotes, price, and warranty/service included. The final quotes from each vendor are as follows:

- Air One – \$36,800.00
- **Breathing Air Systems – \$33,753.95**
- SCBAS, Inc. – \$32,995.00

Based upon the quotes provided and references consulted in our area, the recommendation is to purchase from Breathing Air Systems the Bauer Mini Verticus fully enclosed air system and Bauer fill station. Breathing Air Systems will remove the four 6,000 psi DOT cylinders from our existing compressor for use in the new system. Included is a full 2-year parts and labor warranty on the entire compressor with 3 additional years covering parts and shipping on the compressor block.

Final Quote



BREATHING AIR SYSTEMS

Division of Sub-Aquatics, Inc.

210 N. Main Street, Moweaqua, IL 61951

Sales: (217) 768-4408 Fax: (217) 768-3351 Net: www.breathingair.com

Reynoldsburg, OH • Ocala, FL • Chattanooga, TN • Moweaqua, IL • Michigan Ctr, MI • Coolspring, PA

DATE: Oct. 18, 2011

PROPOSAL

SUBMITTED TO: Lombard Fire Department
255 East Wilson Avenue
LOMBARD, IL 60148

REQUESTED BY: Mike Heimbecker

TITLE: Lieutenant

EMAIL:

PHONE:

MOBILE PHONE:

FAX:

ESTIMATED DELIVERY TIME: TBD

F.O.B.: Origin

TERMS: Net30
ITEMS QUOTED: MiniVert 13 System
JOB LOCATION:

NOTE: Our quote does not include off loading, uncrating, placement or the wiring to or into an electrical compressor to the electrical supply. Warranty is as proposed.

QUOTE

Part Number	Description	Price	Qty	Extended Price
S3-6K13E3-EV	Compressor - 6000 psi. - 13 cfm. Bauer Mini Verticus fully Enclosed Air System 6000 psi. 13.0 cfm. charging rate with pressure switch for automatic start & stop control. Locally mounted interstage pressure gauges. P2S 67,000 cu ft purification system with SECURUS electronic cartridge monitor. Pressure lubricated with low oil protection. Automatic condensate drain system and PLC controller with smart pad operator interface console and E-Stop Button. Entire electrical assembly is UL LISTED. All in an attractive sound attenuating enclosure. Three phase electric.	\$27,455.00	1	\$21,964.00
CFSII-2SX4X4	Fill Station - Bauer - Class 2. Independently tested containment fill station meets NFPA 1901. Fills two SCBA cylinders and has four cascade controls with valves and gauges. Features cylinder scuff guard - fill control panel with adjustable regulator - SCBA fill connection - top mounted cascade control panel with regulated remote outlet - Two fill hoses with bleed valves and safety door interlock.	\$9,813.00	1	\$7,850.40
CS6-4	Cascade System - 4 bottle 6000 psi - DOT	\$5,815.00	1	\$4,652.00
BAS611	Monitor, carbon monoxide, Includes air reduction panel with flow control and flow meter. CO20 test gas included. 6000 psi inlet pressure. Please specify 120 vac or 12 dc.	\$2,575.00	1	\$2,188.75

SEE "RENTAL" CASE

October 19, 2011

Quote subtotal
Shipping & Handling
Quote Total \$36,655.15

PAYMENT TO BE MADE AS FOLLOWS: (UNLESS OTHERWISE NOTED, TERMS ARE NET PAYMENT DUE WITHIN 30 DAYS AFTER DELIVERY)
Note: Payment by Credit Card will incur a convenience fee totaling 3.0% of the transaction amount on all transactions exceeding \$1,500.00.

Proposal Submitted By: Mitch Hartman Prices Good For 60 Days



BREATHING AIR SYSTEMS

Division of Sub-Aquatics, Inc.

210 N. Main Street, Moweaqua, IL 61951

Sales: (217) 768-4408 Fax: (217) 768-3351 Net: www.breathingair.com

Reynoldsburg, OH • Ocala, FL • Chattanooga, TN • Moweaqua, IL • Michigan Ctr, MI • Coolspring, PA

DATE: Sept. 9, 2011

PROPOSAL
SUBMITTED TO: Lombard Fire Department
255 East Wilson Avenue
LOMBARD, IL 60148

REQUESTED BY: Mike Heimbecker

TITLE: Lieutenant

EMAIL:

PHONE:

MOBILE PHONE:

TERMS: TBD
ITEMS QUOTED: Re-using Existing Cascades
JOB LOCATION: LFD St. 2

FAX:
ESTIMATED DELIVERY TIME: TBD

F.O.B.: origin

NOTE: Our quote does not include off loading, uncrating, placement or the wiring to or into an electrical compressor to the electrical supply. Warranty is as proposed.

QUOTE

Part Number	Description	Price	Qty	Extended Price
ASME2B	Rack, ASME, 2 wide, 4 clamp set	\$603.00	1	\$603.00
YVAKIT	Kit, soft parts for YVA series valves	\$21.95	4	\$87.80
504	Valve, Safety, 300 to 6000 psi.	\$75.00	4	\$300.00
HPH6000	Hose, 6000 psi, per foot. Requires two fittings not included in price.	\$7.50	20	\$150.00
10155-4-4	Fitting - 1/4 MNPT fits 6000 psi hose	\$14.00	5	\$70.00
10655-4-4	Fitting - 1/4 JIC female fits 6000 psi hose	\$14.00	5	\$70.00
XLB	Labor to remove cascades form old compressor and remount in new rack and install plumbing. Also install New safety valves in each bottle, New Valve kits in each bottle, also new hoses for each bottle to fill station.	\$94.00	5	\$470.00

Quote subtotal
Shipping & Handling
Quote Total **\$1,750.80**

PAYMENT TO BE MADE AS FOLLOWS: (UNLESS OTHERWISE NOTED, TERMS ARE NET PAYMENT DUE WITHIN 30 DAYS AFTER DELIVERY)
Note: Payment by Credit Card will incur a convenience fee totaling 3.0% of the transaction amount on all transactions exceeding \$1,500.00.

Proposal Submitted By: Mitch Hartman Prices Good For 60 Days



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: Lombard Fire Department

Date: 6/30/11

ATTN: Lt. Mike Heimbecker

Ref: MAKO AIR COMPRESSOR

We are pleased to submit the following quotation in accordance with your request and subject to the Terms and Conditions listed below.

Qty	Part Number	Description	Each	Extended
1	BAM06HE3	MAKO MODEL BAM06HE3 BREATHING AIR MODULE COMPRESSOR	\$20,250.00	\$20,250.00
		COMPLETE WITH 4 STAGE; AIR COOLED COMPRESSOR		
		14.0 CFM @ 6000 PSI - 10 H.P. ELECTRIC MOTOR(208-230V/3PHASE)		
		STAINLESS STEEL GAUGE PANEL WITH HOUR METER, HIGH AIR TEMP		
		SWITCH WITH WARNING LIGHT, LOW OIL PRESSURE SWITCH WITH		
		WARNING LIGHT, START/STOP AIR PRESSURE SWITCH WITH WARNING		
		LIGHT, INLET FILTER CHANGE INDICATOR, EMERGENCY STOP BUTTON		
		MK2C PURIFICATION SYSTEM(34,200CF W/70F INLET TEMP)		
		CO/MOISTURE INDICATOR KIT, AUTOMATIC CONDENSATE		
		DRAIN WITH BUILT IN MUFFLER RESERVOIR, HINGED ACCESS DOOR		
		ON FRONT, REMOVABLE HINGED ACCESS DOORS ON SIDES		
1	* CO *	ADD MAKO CO MONITORING SYSTEM TO AIR COMPRESSOR	\$3,000.00	\$3,000.00
		** NOW REQUIRED TO MEET NFPA 1989 **		
1	SSCFS2-3	MAKO MODEL SSCFS CONTAINMENT FILL STATION W/4-BANK MANUAL	\$7,700.00	\$7,700.00
		CASCADE CONTROLS, FILL PANEL WITH GAUGES, FILLING WHIPS AND		
		HIGH PRESSURE REGULATOR; 2 POSITION FILL STATION-SCUBA		
1	RACK	STORAGE RACK FOR (4) ASME CYLINDERS	\$650.00	\$650.00
1	INST/FRT	DELIVERY, FREIGHT, AND INSTALLATION OF COMPLETE SYSTEM	\$2,500.00	\$2,500.00
1	AUTO	AUTO CASCADE CONTROLS ON FILL	\$2,700.00	\$2,700.00

Total of All Equipment: **36,800.00**

NOTES:

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

Thank You!

Estimated Delivery:

ON REQUEST

By: Joe Levey
 Air One Equipment, Inc.

708-259-9931

**SCBAS, INC.
403 PEORIA ST.
WASHINGTON, IL 61571
PHONE 800/747-7442 or FAX 309/444-3180**

QUOTATION

DATE: October 17, 2011
F.O.B. POINT: DESTINATION
TERMS: NET 30 DAYS
SHIP DATE: 45-60 DAYS ARO

TO: LOMBARD FIRE DEPARTMENT
ATTN: LT. MIKE HEIMBECKER
50 E. ST. CHARLES RD.
LOMBARD, IL 60148

QTY	PART #	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	BH10F(3)	EAGLE RAPTOR CFS MODEL BREATHING AIR SYSTEM. 6000 PSI MAXIMUM PRES SURE, 10 H.P., 3 PHASE ELECTRIC DRIVE MOTOR, 14 SCFM CHARGE RATE, 35,000 CU. FT. PURIFI- CATION SYSTEM. INCLUDES THE FOLLOWING: COMPRESSOR BLOCK, 4 STA GE ELECTRIC MOTOR AND STARTER PURIFICATION SYSTEM TO MEET CGA G-7.1, GRADE E, NFPA 1500 AIR QUALITY STANDARDS LOW OIL LEVEL SHUTDOWN SWITCH HIGH TEMPERATURE SHUTDOWN SWITCH AUTOMATIC PRESSURE SHUTDOWN SWITCH GAUGE PANEL FOR ALL STAGES HOURMETER AUTOMATIC CONDENSATE DRAIN DRAIN MUFFLER AND RESERVOIR EMERGENCY STOP PALM BUTTON INTEGRATED ELECTRONIC CARBON MONOXIDE MONITOR WITH CALIBRATION PANEL CGA GRADE "D", NFPA 1500 AIR QUALITY TEST, 1 TIME 1 YEAR WARRANTY ALL PARTS & LABOR, ON SITE 2 YEAR WARRANTY ON BLOCK PARTS ONLY		\$30,575.00 IF PURCHASED BEFORE OCT. 31,2011 \$32,995.00 IF PURCHASED AFTER OCT, 30, 2011
	SSX2P	INTEGRAL 2 CYLINDER CONTAINMENT TYPE FILL ENCLOSURE WITH 4 BANK CASCADE CONTROLS AND AIR ASSISTED ACCESS DOOR		INCLUDED
	SSS-460	INTEGRAL 4 CYLINDER, 6000 PSI STORAGE SYSTEM (LOMBARD FD TO PROVIDE 4 EACH 6000 PSI DOT CYLINDERS. SCBAS, INC. TO INSTALL THEM ON COMPRESSOR SYSTEM)		INCLUDED

***** CONTINUED ON NEXT PAGE *****

Ken Means

SIGNATURE _____

SCBAS, INC.
403 PEORIA ST.
WASHINGTON, IL 61571
PHONE 800/747-7442 or FAX 309/444-3180

QUOTATION

DATE: October 17, 2011
 F.O.B. POINT: DESTINATION
 TERMS: NET 30 DAYS
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TO: LOMBARD FIRE DEPARTMENT
 ATTN: LT. MIKE HEIMBECKER
 50 E. ST. CHARLES RD.
 LOMBARD, IL 60148

QTY	PART #	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	MISC.	***NOTE: THE PRICE OF THE SYSTEM ON THE PREVIOUS PAGE INCLUDES THE DELIVERY, INSTALLATION AND TRAINING OF THE DESIGNATED PERSONNEL ON THE OPERATION AND GENERAL MAINTENANCE OF THE SYSTEM. IT WILL BE THE RESPONSIBILITY OF THE CUSTOMER TO HAVE ALL OF THE ELECTRICAL SUPPLY LINES RAN TO A DISCONNECT BOX NEAR THE COMPRESSOR LOCATION. SCBAS WILL THEN CONNECT THE COMPRESSOR TO THE DISCONNECT BOX AND COMPLETE THE INSTALLATION AND MAKE FINAL ADJUSTMENTS.		INCLUDED
1	FREIGHT	ALL FREIGHT CHARGES		INCLUDED
OPTIONAL EQUIPMENT:				
4	HC-6000	STORAGE CYLINDER, ISO/UN, 6000 PSI, 509 C.F.	\$950.00	\$3,800.00 SAME PRICE B-4 OR AFTER 10-31-11
1	HOSE REEL	INTEGRATED HOSE REEL WITH 50', 6000 PSI HOSE, WITH SHUT-OFF VALVE, BLEEDER VALVE AND APPROPRIATE FILL CONNECTION. GAUGE IS ON CONTROL PANEL.		\$1,450.00 B-4 10-31-11 \$1,580.00 AFTER 10-30-11

Ken Means

SIGNATURE _____