



CAL FIRE
San Luis Obispo
County Fire Department

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Scott M. Jalbert, Unit Chief

November 1, 2018

TO: LOCSB Board of Directors

FROM: Greg Alex, Battalion Chief

SUBJECT: **Agenda Item 11E – 11/01/2018 Board Meeting**
Approve Purchase of Self-Contained Breathing Apparatus, Thermal Imaging Cameras and Supporting Gear

DESCRIPTION

This Staff Note requests permission to purchase new equipment for Station 15 – South Bay Firefighters consisting of twelve (12) Self Contained Breathing Apparatus (SCBA), eight (8) Thermal Imaging Cameras and supporting gear.

STAFF RECOMMENDATION

Staff recommends that the Board adopt the following motion:

I Move to Direct Staff to Purchase 12 Self Contained Breathing Apparatus, 8 Thermal Imaging Cameras and Supporting Gear from the FY 2018/2019 Fund 301 Budget, Line Item 9571 (Capital Outlay).

DISCUSSION

Station 15 – South Bay Fire Department has a supply of 12 Self Contained Breathing Apparatus (SCBA). An SCBA is a device worn by firefighters to provide breathable air in an immediately dangerous to life or health atmosphere (IDLH). An SCBA typically has these main components: a carrying frame, a pressure regulator, and an inhalation connection (mouthpiece or face mask) worn like a backpack. This SCBA is connected to an air tank/bottle that provides breathing air.

The 12 SCBAs currently utilized by Station 15 – South Bay Fire firefighters are in excess of 16 years old and no longer covered under warranty. Throughout the years they've received the minimum required annual compliance testing and minor repairs. By California State Law, each SCBA is equipped with a Personal Alert Safety System (PASS) device, which is an alarm that sounds when a firefighter is motionless while in an IDLH atmosphere. Because of their age (15 years), there are no vendors that currently make the type of PASS device used by Station 15 – South Bay Fire; furthermore, service and repair vendors have been difficult to locate. The current SCBA face pieces are in excess of 11 years old and do not meet the 2013 NFPA temperature threshold compliance of 500 degrees for 5 minutes. Per NFPA standards, it is never recommended to use face pieces after 10 years of life. Finally, the shoulder straps on the carrying frames are showing extensive stitching wear and discoloration.

Staff is requesting eight (8) Integrated Thermal Imaging Cameras (ITIC) which will be a significant safety upgrade. Currently, each engine has one handheld thermal imaging camera, allowing one firefighter to enter a live fire environment, find hidden heat spots and report back to the others. This new technology will allow for the firefighters to wear the ITIC on their SCBA as part of the PASS device and personally identify hidden heat spots. Furthermore, this new technology is considerably less expensive to the District. All SLO County CAL FIRE Stations are required to comply with obtaining this equipment, which will allow for interoperability amongst CAL FIRE staff, and ease the process of maintenance and repairs, when necessary.

FINANCIAL IMPACT

Station 15 - South Bay Staff budgeted \$32,500 towards this expenditure in FY 2017/2018 that went unspent as CAL FIRE Headquarters needed time to determine the best product; pending the completion of the LOCSD audit, these funds will be reserved in Line Item 3160 (Capital Outlay Reserves).

In FY 2018/2019, Staff set aside an additional \$32,500 in Fund 301 Line Item 6460 (Self-Contained Breathing Apparatus) towards this purchase, totaling \$65,000 from both years. The remaining necessary funds are currently available in Fund 301, Line Item 3160 (Capital Outlay Reserves). In total, this expenditure will be \$84,493.21 (California State discount), a difference of \$19,493.21 from the \$65,000 that has been set aside.

Respectfully Submitted,

Scott Jalbert, Unit Chief
CAL FIRE / San Luis Obispo County Fire Department



By Greg Alex, North Coast Battalion Chief
CAL FIRE / San Luis Obispo County Fire Department

Encl: All Star Fire Equipment, Inc. Price Quote (2 pages)



Sales Quote

12328 Lower Azusa Road
 Arcadia, California 91006
 Phone 626-652-0900 Fax 626-652-0920

September 24, 2018

To: Cal-Fire SLO/South Bay
 Attn: Jim Green
 E-Mail: Jim.Green@fire.ca.gov

Per your request, we are pleased to quote on the following.

Qty	Unit	Description	Price	Extension
12	Ea	Scott - p/n X3314N22200302 / Air-Pak X3 - 4500 psi CGA Connection, Standard Harness, QD Regulator, Dual EBSS, PASS with Pak- Tracker, <u>Fixed EZ-Scape Pro Belt</u> - Includes: (1) Mask - AV-3000HT (S) face piece with Amp Bracket (10) Mask - AV-3000HT (M) face piece with Amp Bracket (1) Mask - AV-3000HT (L) face piece with Amp Bracket (12) Cylinder - Carbon 4500 psi, 45-min, CGA (No Cylinder Band) (12) EPIC 3 - Voice Amplifier	\$4,488.26	\$53,859.12
12	Ea	Scott - p/n 804722-01 / Cylinder, 4500 psig, 45 Minute with CGA Valve Assembly (No Cylinder Band)	\$792.60	\$9,511.20
1	Ea	Scott - p/n 201215-27 / V3000 HT, 4 Point Kevlar Headnet & Right Side Amp Bracket - Size: Small	\$246.90	\$246.90
1	Ea	Scott - p/n 201215-28 / V3000 HT, 4 Point Kevlar Headnet & Right Side Amp Bracket - Size: Medium	\$246.90	\$246.90
1	Ea	Scott - p/n 201215-29 / V3000 HT, 4 Point Kevlar Headnet & Right Side Amp Bracket - Size: Large	\$246.90	\$246.90
1	Ea	Scott - p/n 200954-02 / RIT Pack III, 4500 psig CGA Air Source Kit with Carrying Bag, Shoulder Strap, 6' EBSS, 5' RIC Hose, Rit-Pak Facepiece, EZ-Flo Regulator (Less Cylinder)	\$2,615.00	\$2,615.00
8	Ea	Scott - p/n 201582-12 / Sight Full Kit with Left Communication Bracket, 4 Strap - Size: Med	\$1,450.00	\$11,600.00

1		Ea	Scott - p/n 805622-01 / 742 Series Twin 1/4 Turn Adapter	\$38.65	\$38.65
1		Ea	Scott - p/n 7422-FT1 / Quantitative Fit Test Adapter Kit	\$41.80	\$41.80
1		Ea	Scott - p/n 7422-FP1 / P100 Filter 1 Pair	\$9.50	\$9.50
		Terms:	Net 30		
		FOB:	Destination (Free Shipping on Complete Order Only)		
		Delivery:	15 Days ARO without Cylinder Band		

Subtotal	\$78,415.97
7.750%	\$6,077.24
S & H	\$0.00
Total	\$84,493.21

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