



MEMORANDUM

TO: CITY COUNCIL

**FROM: STEPHEN LIEBERMAN, FIRE CHIEF
DEBBIE MALICOAT, DIRECTOR OF ADMINISTRATIVE SERVICES**

**SUBJECT: CONSIDERATION OF SOLE SOURCE PURCHASE FOR PLYMOVENT
DIESEL EXHAUST REMOVAL SYSTEM**

DATE: MARCH 28, 2017

RECOMMENDATION:

It is recommended the City Council approve a sole source purchase with Air Exchange for a Plymovent diesel exhaust removal system and authorize the Interim City Manager to execute any required documents.

IMPACT ON FINANCIAL AND PERSONNEL RESOURCES:

The Mid-Year Budget appropriated \$81,000 for the project. Purchase and installation of the equipment will cost \$70,653.99. Additional minor costs will be incurred for electrical work and connectivity, separate from the purchase of the Plymovent system.

BACKGROUND:

Currently the fire station located on Traffic Way does not have a diesel exhaust removal system. Diesel vehicle exhaust emissions pose a significant cancer health risk to both employees and members of the public. At the February 28, 2017 meeting, the City Council appropriated \$81,000 from the Fire Protection Impact Fee Fund to install such a system.

ANALYSIS OF ISSUES:

Five Cities Fire Authority operates out of the Arroyo Grande, Grover Beach and Oceano fire stations. The station in Arroyo Grande is the only one that does not have a Plymovent diesel exhaust removal system installed. Plymovent is the recognized leader in the field of source capture fume extraction. In order to maintain consistency with the other stations, facilitate maintenance and ensure correct training and operation, it is recommended that a Plymovent system be installed at the Arroyo Grande station. Air Exchange has a certified Plymovent installation crew and was the vendor used to install the systems at the other two fire stations; therefore it is recommended to approve a sole source purchase with Air Exchange for this transaction.

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ALTERNATIVES:

The following alternatives are provided for City Council consideration:

1. Approve the sole source purchase
2. Do not approve the sole source purchase;
3. Provide direction to staff.

ADVANTAGES:

Installation of a diesel exhaust removal system will help protect the health of employees and the public that use the Fire Station by removing harmful particulates and gases from the air. The use of Fire Protection Impact Fees for this purpose is consistent with their restricted use for providing for fire facilities in the community.

DISADVANTAGES:

No significant disadvantages are identified. There is limited opportunity to utilize the funding for other projects as the use is restricted.

ENVIROMENTAL REVIEW:

No environmental review is required for this item.

PUBLIC NOTIFICATION AND COMMENTS:

The Agenda was posted at City Hall and on the City's website in accordance with Government Code Section 54954.2.

Attachment:

1. Quote from Air Exchange



495 Edison Court, Suite A, Fairfield, CA 94534
 1494-B East Francis St., Ontario, CA 91761
 Phone: 800-300-2945 Fax: 707-864-2700
 E-Mail: info@airexchange.com

1.17.17

Riki Heath (805) 473-549
 Battalion Chief, Training & Operations
 Five Cities Fire Authority
 140 Traffic Way
 Arroyo Grande, CA 93420

Subject: Costs for Plymovent Diesel Exhaust Removal Systems, Station # 1

The costs below are for equipment, all miscellaneous materials, installation (less electrical), labor at prevailing wage rates. Freight costs and sales taxes are included as well.

Station # 1 This is for equipment to provide two (5) SBTA systems for back-in coverage for two (2) vehicles (BRUSH 1 in bay 3 & VEHICLE MAINTENANCE AREA in bay 6) & two (2) STRA-65-D systems (TRUCK 5 in bay 1 & ENGINE ONE in bay 2) for door-to-door drive thru coverage . The 5 HP fan is sized to accommodate all vehicles leaving at the same time if required. System includes UL certified electrical control panel, auto start sensors, dedicated compressor, filter scrubber, complete pneumatic system for passive release, and all labor, at prevailing rates to complete the installation.

MATERIAL:	\$38,658.00
SALES TAX @ 7.75%	<u>\$ 2,995.99</u>
SUB TOTAL:	\$41,653.99

INSTALLATION: including Plymovent system, install all ducting, fan mounting, system supports, filter scrubber, lifts, travel time, truck cost and all labor at prevailing wage rate. Also includes the required state of California Sheet Metal Union Apprentice program. The installation is being completed by factory trained and certified personnel as required by Plymovent.

\$27,000.00

FREIGHT:	<u>\$ 2,000.00</u>
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TOTAL:	\$ 70,653.99
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PAYMENT TERMS: Net 30 days

EXPIRATION DATE: 90 days from the date on this quote

EXCLUSIONS:

- Electrical hook up and connection
- Any structural engineering costs
- Any electrical engineering costs
- Exhaust tail pipe modification of any kind
- Bonds of any kind (can be provided at additional cost if required)
- Permit cost but can be provided @ \$145 per hour plus cost of permit

AIR EXCHANGE has been serving the California market since 1972, and currently services hundreds of customers each month by providing complete systems, installations, contract service and filter replacement. We keep in stock a full complement of spare parts and filters for all the equipment we sell, as well as many other manufacturer's products. We are also a **licensed contractor in the state of California (# 664135)**.

AIR EXCHANGE performs all of the service (both warranty and non-warranty) for all of the systems we sell and install, as well as systems provided and installed by others. We always keep spare parts in stock that are most commonly required and generally can provide **service within 24 hours**, on stocked parts, as well as emergency service when required, including evenings and weekends. Many times we perform the service the same day it is requested. In the unlikely event the required part is not in our stock, the factory will ship the part for next day delivery if requested.

PLYMOVENT is the recognized leader in the field of source capture fume extraction. They are a worldwide company with facilities in New Jersey, Sweden, Canada, Germany, and Russia. Experience counts and we both have it!

Since 1990, AIR EXCHANGE and Plymovent have been providing diesel exhaust extraction systems to fire departments in the Southern California area. Over 800 fire stations in Los Angeles, Orange, Ventura, San Bernardino, Riverside, and San Luis Obispo counties, as well as Clark County Nevada currently have Plymovent Diesel Exhaust systems in operation. In San Diego County, as well as Northern California, there are approximately another 800 fire stations currently using the same Plymovent system.

Plymovent was chosen by the City of Los Angeles Fire Department as the product and contractor of choice to install the **Plymovent Vehicle Exhaust Extractor System** in all fire facilities that house diesel emitting apparatus in the City of Los Angeles. The recommendation was made by a work group, which was formed to evaluate how to reduce and/or eliminate diesel exhaust in the workplace. As the result of their extensive study and evaluation, the Plymovent System was chosen and subsequently recommended. This project represents a total of 105 fire stations. The project is now complete & represents approximately \$6,500,000 in total scope.

All installations of Plymovent diesel smoke extraction systems are installed only by factory trained and certified installers. This guarantees consistency with all installations. There are currently six (6) certified installation crews in Southern California that are authorized to install the Plymovent system.

Sincerely,
AIR EXCHANGE

Jim Cleary
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