



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: DECEMBER 1, 2020

FROM: GENERAL SERVICES WARDS: ALL

SUBJECT: REQUEST FOR PROPOSAL NO. 2011 – DESIGN BUILD AGREEMENTS WITH AIR EXCHANGE, INC. FOR FIRE VEHICLE EXHAUST EXTRACTION SYSTEMS AT THE FIRE MAINTENANCE FACILITY AND VARIOUS FIRE STATIONS IN THE COMBINED AMOUNT OF \$729,532 – SUPPLEMENTAL APPROPRIATION

ISSUE:

Approve two Design-Build Agreements with Air Exchange, Inc. of Ontario, California for the installation of a vehicle exhaust extraction system for Fire Stations No. 1, 2, 3, 4, 5, 7, 8, 9, 12 and the Fire Maintenance Facility in the combined amount of \$729,532, plus a 10% contingency.

RECOMMENDATIONS:

That the City Council:

1. Approve a Design-Build Agreement with Air Exchange, Inc. for Fire Vehicle Exhaust Extraction System at Fire Stations 1, 2, 3, 4, 5, 7, 8, 9 and 12 for a term through February 12, 2021 in the amount of \$637,049, plus a 10% contingency;
2. Approve a Design-Build Agreement with Air Exchange, Inc. for Fire Vehicle Exhaust Extraction System at the Fire Maintenance Facility for a term through April 30, 2021 in the amount of \$92,483 plus a 10% contingency;
3. Authorize a supplemental appropriation in the amount of \$92,483 from Fund 650 Central Garage Fund Reserves to the Fire Maintenance Facility Project Account No. 9917100203-46220000;
4. Authorize the City Manager, or his designee, to execute the Design-Build Agreement with Air Exchange, Inc. for Fire Vehicle Exhaust Extraction System at Fire Stations 1, 2, 3, 4, 5, 7, 8, 9, and 12, including making minor and non-substantive changes; and
5. Authorize the City Manager, or his designee, to execute the Design-Build Agreement with Air Exchange, Inc. for Fire Vehicle Exhaust Extraction System at Fire Maintenance Facility, including making minor and non-substantive changes.

BACKGROUND:

Through the Department of Homeland Security, the Assistance to Firefighters Grant (AFG) program provides one-year awards to fire departments to enhance the safety of the public and firefighters with respect to fire and fire-related hazards.

The City of Riverside Fire Department was awarded 2018 AFG grant funds to purchase and install vehicle exhaust extraction systems to reduce the health and safety element of the exposure of toxic fumes, or exhaust. The objective is to utilize the grant funding to install a vehicle exhaust extraction system in Fire Stations No. 1, 2, 3, 4, 5, 7, 8, 9, and 12, which will reduce firefighter exposure to diesel fuel emissions.

DISCUSSION:

The City of Riverside Fire Department's apparatus bays are currently exhausted by means of either wall mounted exhaust ducting or roof mounted exhaust fans that are activated either by a switch on the wall or by operation of the bay doors. While this system was adequate and effective at the time of installation, it has become antiquated and does not offer complete removal of exhaust gases from the fire apparatus bays. The General Services Department in conjunction with the Fire Department is proposing to use the Department of Homeland Security AFG Grant to install an automatic hose type positive capture diesel exhaust system at nine existing fire stations. This system will offer state of the art removal of harmful exhaust gases from the apparatus bays and provide a safer working environment for fire personnel.

In addition, the Fire Department's fleet is maintained in-house by the General Services - Fleet Management Division, in the Fire Maintenance Facility located at 8095 Lincoln Avenue. Constructed in 1991, ventilation is provided by means of large rollup doors, which are left open to allow exhaust emissions to dissipate. To provide a safer working environment, and to meet Department of Industrial Relations and Occupational Safety and Health Administration ventilation requirements, the General Services Department will retrofit the Fire Maintenance Facility with the same state of the art vehicle exhaust extraction system being installed in the fire stations. A separate agreement is being issued for the Fire Maintenance Facility portion of the project, as it is not included in the scope of the AFG grant, and will be funded by a supplemental appropriation from the Fund 650 Central Garage Fund reserves in the amount of \$92,483.

Request For Proposals No. 2011 – Fire Vehicle Extraction System was developed for the installation of a new automatic source capture vehicle exhaust system to be implemented at multiple Fire Stations and the Fire Maintenance Facility as a cooperative effort between General Services, the Fire Department and the Finance/Purchasing Division. On June 24, 2020, the Purchasing Division posted Request for Proposals No. 2011 on Planet Bids for the installation of a new Vehicle Exhaust Extraction System at multiple Fire Stations and the Fire Maintenance Facility. There were 15 prospective bidders; however, a single proposal was received from Air Exchange Inc. of Ontario, California in the amount of \$729,532. This proposal was determined to be a responsive because the proposal satisfied all Request for Proposal requirements.

The Fire Chief concurs with the recommendations in this report.

The Purchasing Manager concurs that the purchase complies with the City or Riverside's Purchasing Resolution No. 23256

FISCAL IMPACT:

The fiscal impact of this action is \$729,532. The Assistance to Firefighters Grant will fund \$579,134.95, available in account 9167500-421000. There is a 10% matching funds requirement in the amount of \$57,914.05, available in account 9167510-440301. The cost of the Fire Maintenance Facility portion of the project is \$92,483, to be funded by a supplemental appropriation from the Fund 650 Central Garage fund reserves to Project Account No. 9917100203-46220000.

Prepared by: Carl Carey, General Services Director
Certified as to
availability of funds: Edward Enriquez, Chief Financial Officer/City Treasurer
Approved by: Moises Lopez, Deputy City Manager
Approved as to form: Kristi J. Smith, Interim City Attorney

Attachments:

1. Bid 2011 Award Recommendation
2. Agreement for Fire Stations 1, 2, 3, 4, 5, 7, 8, 9, and 12
3. Agreement for Fire Maintenance Facility