



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: FEBRUARY 27, 2018

FROM: GENERAL SERVICES DEPARTMENT WARDS: 3 AND 4

SUBJECT: MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE LOCAL GOVERNMENT PARTNERSHIP PROGRAM GRANT FOR ALTERNATIVE FUEL REFUELING INFRASTRUCTURE EXPANSION IN THE AMOUNT OF \$383,610 – SUPPLEMENTAL APPROPRIATION

ISSUE:

Accept grant funds in the amount of \$383,610 from the Mobile Source Air Pollution Reduction Review Committee Local Government Partnership Program for alternative fuel refueling infrastructure expansion.

RECOMMENDATIONS:

That the City Council:

1. Accept grant funds from the Mobile Source Air Pollution Reduction Review Committee Local Government Partnership Program for Fiscal Year 2017-18 for alternative fuel refueling infrastructure expansion in the amount of \$383,610;
2. Acknowledge receipt of the Mobile Source Air Pollution Reduction Review Committee supplied presentation as required by the Program Opportunity Notice 2018-01;
3. Authorize the proposed projects as required by the Mobile Source Air Pollution Reduction Review Committee Program Opportunity Notice 2018-01;
4. Authorize an increase in estimated revenues in the amount of \$383,610 to Project Account No. 9903000-349004 and appropriate expenditures in the same amount to the Motor Pool Grants and Capital Projects Account No. 9903000-440220; and
5. Authorize the City Manager, or his designee, to submit all necessary documentation to receive reimbursement under the terms of the Mobile Source Air Pollution Reduction Review Committee Program Opportunity Notice 2018-01 and to execute all of the grant documents.

LEGISLATIVE HISTORY:

The Mobile Source Air Pollution Reduction Review Committee (MSRC), established under Assembly Bill 2766, funds projects that support air pollution reduction from motor vehicles within the South Coast Air Quality Management District (AQMD) in Southern California. The South Coast AQMD is a geographic region defined in state regulations to include all of Orange County and portions of Los Angeles, Riverside and San Bernardino counties.

BACKGROUND:

Since the inception of the MSRC's Clean Transportation Program more than 25 years ago, significant progress has been made in reducing emissions from motor vehicles, especially as it pertains to vehicle exhaust emissions. Emissions from motor vehicles, including light, medium, and heavy-duty vehicles, are on the order of 90% cleaner today as compared to 25 years ago, and overall air quality has improved measurably within the South Coast AQMD.

While measureable progress has been made in reducing vehicle emissions, the South Coast region still fails to meet federally mandated air quality standards. These standards for smog-forming pollutants will become even stricter by year 2023. According to the South Coast AQMD, air pollutant emissions must be reduced by an additional 75% in order to meet the 2023 federal ozone standard.

While our air quality challenges are daunting, a roadmap to achieve these mandated reductions in smog-forming pollutants exists. The 2016 Air Quality Management Plan (AQMP) is the regional blueprint for achieving the federal air quality standards for healthful air.

The 2016 AQMP recognizes the critical importance of working with other agencies to develop funding and incentives that encourage the accelerated transition to cleaner vehicles and mobility strategies. As a means to "jumpstart" the awareness of, and, most importantly, the implementation of proven air quality improvement measures as outlined in the 2016 AQMP, the MSRC is offering to partner directly with cities and counties within the South Coast AQMD on a new, innovative Local Government Partnership Program. This new program emphasizes an accelerated transition to zero and near-zero vehicles along with essential supporting infrastructure.

DISCUSSION:

The City of Riverside is committed to making ongoing investments to expand and maintain its alternative fuels, automotive fleet and fueling infrastructure to preserve local air quality and maintain Riverside's position as a leader in clean air initiatives. As a result, the Fleet Division is proposing to utilize the \$383,610 received through the MSRC Local Government Partnership Program for the following projects estimated to total \$900,000. The grant funding will be used to help offset a portion of the project costs, as outlined below. The remaining funding will come from carryover funds from the Motor Pool Automotive Equipment Account 2215200-462100.

MSRC Proposed Jumpstart Projects				
	Description	Location	Amount	Grant Funds Allocated
1	Fuel Island for Police Department	Corporation Yard	\$300,000	\$75,000
2	Additional Compressed Natural Gas Dispenser	Acorn Fuel Station	\$ 60,000	\$30,000
3	Canopy	Acorn Fuel Station	\$400,000	\$200,000
4	Compressor Canopy	Corporation Yard	\$200,000	\$78,610
	Total		\$960,000	383,610

The Corporation Yard and Acorn fueling stations are publicly accessible at all times. The proposed fuel island for the Police Department will increase operational efficiency by reducing the time waiting to fuel vehicles and provide convenient local fueling located at the Lincoln Police Department facility. Conversely, wait times for the public and internal Fleet customers will be improved due to reduced congestion as well as attracting additional customers and increased demand for alternative fuels.

The volume of Compressed Natural Gas (CNG) sales at the Acorn fueling station has grown over the years and proven to be a reliable benefit to the City, both environmentally and economically. Throughput at the Acorn station has increased from 53 gallons when the station began dispensing fuel in February of 2015 to approximately 174,873 per month January 2018. An additional dispenser will be added to the station for increased fueling capacity for City vehicles, businesses, citizens, and to promote the purchase and use of CNG fuel.

Canopies are useful for protecting the lifespan of the equipment they house as well as shielding employees and visitors from the elements. Because they offer shelter from rain and the detrimental effects of ultraviolet (UV) related equipment damage, they provide crucial protection for vehicles, people and related fueling equipment and infrastructure. Sensitive equipment such as standard liquid fuel dispensers, CNG dispensers, payment terminals, CNG compressors, and related safety monitoring systems should be protected from the elements where feasible. In addition to providing protection from various elements and reduced infrastructure maintenance cost, steel canopies also help to prevent contaminated storm water runoff which protects the environment from harmful and potentially dangerous pollutants.

Project Timelines

Upon receipt of grant funds, anticipated for May 2018, the Acorn and Corporation Yard canopy projects will start and run concurrently, with an estimated completion date of November 2019.

The Police Department fuel island project will begin after the completion of the Ethanol (E85) fuel island project in June 2019, and is expected to be completed in July 2020.

FISCAL IMPACT:

The total fiscal impact of the action is \$383,610. Grant revenues in the amount of \$383,610 will be appropriated into Project Account No. 9903000-349004 and to the Motor Pool Grants and Capital Project Account No. 990300-440220 in the same amount. Requests for authority to spend on individual projects will be made upon City Council's award of each project.

Prepared by: Carl Carey, General Services Director
Certified as to
availability of funds: Adam Raymond, Chief Financial Officer/Treasurer
Approved by: Marianna Marysheva, Assistant City Manager
Approved as to form: Gary G. Geuss, City Attorney

Attachments:

1. Program Opportunity Notice (PON) 2018-01
2. Presentation
3. MSRC Presentation