



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: OCTOBER 24, 2017

FROM: GENERAL SERVICES DEPARTMENT WARD: 4

SUBJECT: DESIGN BUILD AGREEMENT FOR DESIGN AND INSTALLATION OF A METHANE GAS DETECTION SYSTEM AT RIVERSIDE FLEET MAINTENANCE GARAGE RFP NO. 1660, WITH CLEAN ENERGY, IN THE AMOUNT OF \$400,000 AND AUTHORIZE 15% CHANGE ORDER AUTHORITY UP TO \$60,000 FOR A TOTAL AMOUNT OF \$460,000

ISSUES:

Award a Design Build Agreement for Design and Installation of Methane Gas Detection System at Riverside Fleet Maintenance Garage (RFP No. 1660) with Clean Energy, of Newport Beach, California, for the design and installation of a methane gas detection system at the City's Central Garage in the amount of \$400,000; and authorize 15% change order authority up to \$60,000 for a total amount of \$460,000.

RECOMMENDATIONS:

That the City Council:

1. Award a Design Build Agreement for Design and Installation of Methane Gas Detection System at Riverside Fleet Maintenance Garage (RFP No. 1660) to Clean Energy, Newport Beach, California in the amount of \$400,000 for design and installation of a methane gas detection system at the City's Central Garage;
2. Authorize 15% change order authority in an amount up to \$60,000 for project changes including, but not limited to, unforeseen conditions and design improvements; and
3. Authorize the City Manager, or his designee, to execute the Design Build Agreement including making any minor, non-substantive changes.

BACKGROUND:

The General Services Department, Fleet Maintenance Division, is responsible for maintaining City vehicles and equipment, including 169 Compressed Natural Gas (CNG) vehicles, which are maintained at the Corporation Yard Central Garage. The Central Garage was constructed in the early 1960s and is not equipped with a methane gas detection system, as required by National Fire Protection Association Codes and California Building Codes, to work on CNG vehicles inside

maintenance facilities. Methane gas detection systems continuously monitor and detect the level of combustible methane in the air and activates an alarm system prior to a dangerous situation occurring. Having a methane gas detection system in place protects employees and prevents personal injury or property damage. Without a methane detection system, Fleet currently works on CNG vehicles outside of the Central Garage facility. The City's CNG fleet has grown to the point where maintaining CNG vehicles outside of the Central Garage is no longer efficient or cost effective.

DISCUSSION:

On March 16, 2017, the Purchasing Division of the Finance Department issued Request for Proposals (RFP) No. 1660 for Design Build Services to design, construct and install a methane gas detection system in the Fleet Maintenance Central Garage. Three proposals were received. A selection committee, which consisted of representatives from General Services, Public Works and Parks, Recreation and Community Services Departments, reviewed and evaluated the proposals based on criteria including company background, cost, technical design proposed, and maintenance and support. Clean Energy was interviewed and subsequently selected as the most qualified and capable of meeting the objectives set forth in the RFP.

On August 8, 2017, City Council authorized acceptance of South Coast Air Quality Management District, Mobile Source Air Pollution Reduction grant funds in the amount of \$300,000 for expansion of the City's alternative fuel infrastructure. Of the \$300,000 grant, \$75,000 was identified to contribute to modifications of the Fleet Central Garage where CNG vehicles are maintained.

The Purchasing Manager concurs that the recommended actions comply with City of Riverside's Purchasing Resolution No. 22576.

FISCAL IMPACT:

There is no impact to the General Fund. Sufficient funds are available in the Fleet Fund (650) using operational savings from fiscal year ending June 30, 2017, and grant funds approved by City Council on August 8, 2017. Project funds will be transferred from the accounts listed in the table below to a "Methane Gas Detection" project account to be assigned by the Finance Department:

From Account	To Account	Amount
From Central Garage (2215000-499998)	Methane Gas Detection Project Account to be assigned	\$136,366.78
From Auto Stores (2215100-499998)	Methane Gas Detection Project Account to be assigned	\$115,890.42
Motor Pool (2215200-499998)	Methane Gas Detection Project Account to be assigned	\$132,742.80
MSRC Grant Project Account – Methane Gas Detection to be assigned as authorized by City Council on August 8, 2017	Methane Gas Detection Project Account to be assigned	\$75,000.00
TOTAL PROJECT ESTIMATE (with change order)		\$460,000.00

Prepared by: Carl Carey, General Services Director

Availability of funds: Adam Raymond, Chief Financial Officer/City Treasurer

Approved by: Marianna Marysheva, Assistant City Manager

Approved as to form: Gary G. Geuss, City Attorney

Attachments:

1. Design Build Agreement
2. Bid Recommendation