



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL **DATE: JULY 12, 2016**

FROM: GENERAL SERVICES DEPARTMENT **WARD: 4**

**SUBJECT: AWARD A DESIGN-BUILD AGREEMENT TO AMTEK CONSTRUCTION
BASED ON RFP 1584 FOR ADDITIONAL COMPRESSED NATURAL GAS
TIME-FILL LINES AT THE RIVERSIDE CORPORATION YARD IN THE
AMOUNT OF \$198,458 AND CHANGE ORDER AUTHORITY NOT TO EXCEED
15% OR \$29,769**

ISSUE:

The issue for City Council consideration is to award a Design-Build Agreement with Amtek Construction based on the results of a Request for Proposals (RFP) 1584, for the design and construction of additional Compressed Natural Gas time-fill lines at the Corporation Yard in the amount of \$198,458 and a change order authority of 15% or \$29,769.

RECOMMENDATIONS:

That the City Council:

1. Award a Design-Build Agreement to Amtek Construction of Whittier, California, in an amount not to exceed \$198,458 for the design and construction of Compressed Natural Gas time-fill lines and associated improvements pursuant to Request for Proposals No. 1584;
2. Authorize change orders in an amount not to exceed \$29,769 or 15% of the Design-Build Agreement for construction changes including, but not limited to, owner requested changes, unforeseen conditions and design improvements,
3. Authorize the City Manager, or his designee, to execute the Design-Build agreement including any minor, non-substantive changes, and sign all documents necessary for the transaction.

BACKGROUND:

The Compressed Natural Gas (CNG) fueling station located at the Corporation Yard (Yard) was completed in 2003. The original design included 20 time-fill type fueling posts (posts), servicing three departments, spread out over the entire Yard. The City's CNG fleet has expanded significantly since then. Subsequently, additional time-fill posts were installed to include nine new units in 2015 for Parks, Recreation and Community Services (PRCS) Special Transportation division fleet, bringing their total to 19 posts and the citywide total to 58 posts.

With the number of time-fill posts installed, the gas volume required to efficiently supply the system has exceeded original design limits. These design limitations resulted in excessive compressor startups and shutdowns, causing excessive wear and tear on the compressor and related equipment. While the correct solution to this problem is to increase the capacity of the lines feeding each area, budgeting constraints necessitated a less effective solution of reprogramming the equipment to work within these constraints. The less effective reprogramming solution has resulted in incomplete vehicle fills, which negatively impacts service levels for the PRCS Special Transportation program and other users of the system.

On February 9, 2016, RFP 1584 was issued for the design and construction of additional CNG vehicle time-fill lines to be constructed in each of the Corporation Yard refueling areas. Three proposals were received, reviewed and evaluated by representatives from the General Services and PRCS departments. Amtek Construction of Whittier, California (Amtek) was the most qualified proposer to meet the objectives set forth in the RFP and provide the best value to the City. Amtek's personnel have worked in the CNG industry longer and have the best qualified personnel as compared to the other proposers.

FISCAL IMPACT:

Sufficient funds are available in Parks Recreation and Community Services Special Transit Services account no. 9246656-462050 to fund this project.

Prepared by:	Carl Carey, General Services Director
Availability of funds:	Scott Miller, Interim Finance Director/Treasurer
Approved by:	Marianna Marysheva-Martinez, Assistant City Manager
Approved as to form:	Gary G. Geuss, City Attorney

Attachments:	Design-Build Agreement
--------------	------------------------