

Agenda Report

February 1, 2016

TO: Honorable Mayor and City Council

FROM: Department of Public Works

SUBJECT: CONTRACT AWARD TO FLEMING ENVIRONMENTAL, INC. FOR EXPANSION OF TIME-FILL/FAST-FILL REFUELING SYSTEM AT CITY YARDS – PHASE II FOR AN AMOUNT NOT TO EXCEED \$309,200

RECOMMENDATION:

It is recommended that the City Council:

1. Find that on July 23, 2007, the City Council found the Installation of Time-fill/Fast-fill Refueling System at City Yards (Phase I) to be exempt from the California Environmental Quality Act (CEQA), that the scope of project construction (Phase II) was anticipated by the action, and such scope of project construction does not constitute changed circumstances or new information which would trigger further environmental review pursuant to CEQA; and
2. Accept the bid dated January 20, 2016, submitted by Fleming Environmental, Inc., in response to the Specifications for the Installation of Time-fill/Fast-fill Refueling System at City Yards (Phase II), and authorize the City Manager to enter into such contract as is required for an amount not to exceed \$309,200.

BACKGROUND:

In 1999, the South Coast Air Quality Management District (SCAQMD) released its Multiple Air Toxics Exposure Study II, which identified diesel fuel particulates as a toxic air contaminant and acknowledged that compressed natural gas (CNG) vehicles significantly reduce the amount of air contaminant emissions from vehicles. Additionally, SCAQMD Rules 1186.1 and 1191–1196 require government fleets and private contractors under contract with public entities to purchase non-diesel lower-emission and alternative fuel vehicles. The rule applies to transit and school buses, refuse packers, street sweepers and other vehicle fleets of at least 15 vehicles that operate in Los Angeles, San Bernardino, Riverside, and Orange counties. Since 2000, the City has purchased CNG vehicles for the integrated waste, street sweeping and transit programs.

In an effort to facilitate vehicle fueling, the City built a CNG fueling facility. Phase I of

this project began in 2007 and was completed in 2009. At that time, the City's CNG fleet included 14 dedicated CNG vehicles and six refuse packers retrofitted to operate on dual fuel (CNG and diesel). Due to SCAQMD requirements, the City anticipated purchasing additional CNG vehicles and expanding the CNG fueling station to accommodate additional vehicles. The City currently operates a total of 67 CNG-powered vehicles, including 25 Pasadena Transit buses, which necessitates an expansion of the existing CNG fueling system to accommodate existing fueling needs and future growth.

In December of 2012, the City was awarded \$225,000 in grant funding through the SCAQMD's Mobile Source Air Pollution Reduction Review Committee (MSRC). Additional funding has been appropriated from the Fleet Maintenance Fund in the amount of \$275,000. These two funding sources will be used for CNG equipment purchase which was previously authorized by the City Council on October 5, 2015. Additional funding appropriated from the Refuse Fund (\$160,000) and Proposition A (\$340,000) will be used for construction under this proposed contract. Funding for the entire project, including design and contract administration, totals \$1 million.

This \$309,200 project consists of the construction of CNG system improvements; associated natural gas and compressed natural gas piping; removal and replacement of asphalt and concrete paving; trenching and backfill; and the installation of CNG equipment, including a new 300 standard cubic feet per minute CNG compressor, priority control panel, storage cylinders and a fast-fill dispenser.

A finding of compliance with the General Plan was previously made and is shown on page 1.3 of the FY 2016 Capital Improvement Program budget.

The Department of Public Works prepared plans and specifications for the project and in accordance with Section 4.08.070 of the Pasadena Municipal Code, bids were requested and received. The project was advertised in the *Pasadena Journal* on December 17, 2015. In addition, the Notice Inviting Bids was published in five trade publications and listed on the City's website. Twenty-two contractors obtained bid packets, six of whom submitted bids for the project.

The following are the bids received on January 20, 2016:

| Bidder | Amount(\$) |
|-------------------------------------------------------|----------------|
| 1. Fleming Environmental, Inc., Fullerton | \$268,870 |
| 2. Kaveh Engineering & Construction, Inc., Anaheim | \$274,666 |
| 3. Fueling and Service Technologies, Inc., Buena Park | \$286,963 |
| 4. EFS West, Valencia | \$290,000 |
| 5. Amtek Construction, Whittier | \$318,515 |
| 6. Recon Engineering, Long Beach | Non-responsive |
| Engineer's Estimate | \$300,000 |

The lowest bid received was 10 percent lower than the Engineer's Estimate of \$300,000.

It is recommended that Fleming Environmental Inc. be awarded the contract for this project as they are the lowest responsive and responsible bidder. The proposed contract with Fleming Environmental Inc. fully complies with the Competitive Bidding and the Prevailing Wage Law (Senate Bill 7) per Resolution 9406 adopted by the City Council on December 15, 2014. The contractor has indicated that the award of this contract will result in no new hires of Pasadena residents to the present workforce. A Local Hiring Provision to notify the labor unions of the goal to employ qualified Pasadena residents for 75 percent of new labor work hours on the project was included in the project specifications.

Fleming Environmental, Inc. has previously performed work for the City of Pasadena: New restroom construction at Vina Vieja Park in 2005.

The contract for this project will be set as follows:

| | |
|---------------------------------|-----------|
| Base Bid | \$268,870 |
| Contingency Allowance | \$ 40,330 |
| Contract "Not to Exceed" Amount | \$309,200 |

The contingency allowance, normally 10 percent of bid amount, is 15% for the project due to the potential of unforeseen conditions and underground utility conflicts that may be encountered during construction in an older area of the City where historical information is not as reliable. It is anticipated that construction will begin in April 2016 and be completed in June 2016.

COUNCIL POLICY CONSIDERATION:

This project supports the City Council's goals to improve, maintain and enhance public facilities and infrastructure and increase conservation and sustainability.

ENVIRONMENTAL ANALYSIS:

On July 23, 2007, the City Council found Phase I of the project, Installation of Time-fill/Fast-fill Refueling System at City Yards to be exempt from the California Environmental Quality Act (CEQA) Guidelines in accordance with Title 14, Chapter 3, Class 1, Section 15301, existing facilities. In that the original Phase I project scope anticipated purchase of additional CNG vehicles and an expansion of the CNG system to meet the increase in fueling needs, the Phase II expansion scope of project construction and equipment purchase does not constitute changed circumstances or new information that would trigger further environmental review pursuant to CEQA.

FISCAL IMPACT:

The cost of this contract is \$309,200 and the total cost of this action is \$349,530. Funding will be addressed by the utilization of existing budgeted appropriations in the Expansion of Time-fill/Fast-fill Refueling System at City Yards - Phase II FY 2016-2020 CIP project (budget account 71543). It is anticipated that the entire cost will be spent during the current fiscal year.

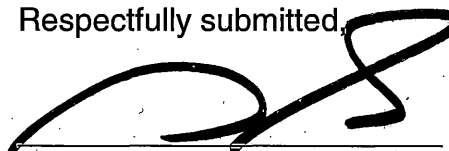
The following table presents a summary of the sources of funds that will be used.

| | |
|----------------------|------------------|
| Refuse Fund | \$ 9,530 |
| Proposition A | \$340,000 |
| Total Sources | \$349,530 |

The following table represents a project summary.

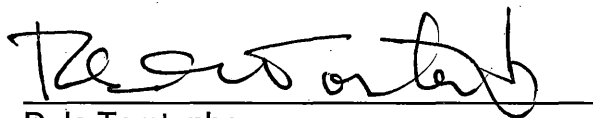
| | |
|------------------------------------|-------------------|
| Base Bid | \$ 268,870 |
| Contingency | \$ 40,330 |
| Contract Administration/Inspection | \$ 40,330 |
| Total Fiscal Impact | \$ 349,530 |

Respectfully submitted,



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Director of Public Works

Prepared by:



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