



Legislation Text

File #: 19-0076, **Version:** 1

TO:

Honorable Mayor and Members of the City Council

THROUGH:

Bruce Moe, City Manager

FROM:

Stephanie Katsouleas, Public Works Director

Prem Kumar, City Engineer

Anastasia Seims, Senior Civil Engineer

SUBJECT:

Resolution No. 19-0017 Awarding a Professional Design Services Agreement to Pacific Advanced Civil Engineering, Inc. (PACE) for the Larsson Street Booster Pump Station Upgrade Project for \$138,116 (Public Works Director Katsouleas).

ADOPT RESOLUTION NO. 19-0017

RECOMMENDATION:

Staff recommends that City Council adopt Resolution 19-0017 (Attachment) awarding a design services contract (Attachment) to Pacific Advanced Civil Engineering, Inc. (PACE) for the Larsson Street Booster Pump Station Upgrade Project for \$138,116 and authorize the City Manager to execute the contract.

FISCAL IMPLICATIONS:

This Larsson Street Booster Pump Station Upgrade Project is in the FY18-19 approved Capital Improvement Program (CIP) and has sufficient funds available to complete the scope of work for \$138,116. The Budget and Expenditure Summary is attached (Attachment).

BACKGROUND:

The City's potable water system consists of two pressure zones, the Main Pressure Zone and the Hill Area Pressure Zone, each of which have two booster pumps stations. In the Hill Area Pressure Zone, the primary pump station is the Larsson Booster Pump Station. The City Water Master Plan, completed in October 2010, identified this pump station as needing upgrades in the near future. This project implements those recommendations.

The existing Larsson Booster Pump Station consists of three (3) frame mounted, single stage, horizontal centrifugal pumps, each with variable frequency drive electric motors in a below-ground, precast concrete vault. This pump station also has a permanent standby generator in a second below ground precast concrete vault and an automatic transfer switch in a nearby above ground structure. Per the City Water Master Plan, the existing pumps do not undersized to meet maximum daily demands and fire flow. This project will:

- Replace the pumps and motors to increase pumping capacity and efficiency;
- Relocate the electrical control panel above ground;
- Improve vault ventilation;
- Install a pressure relief valve; and
- Assess the overall structural integrity of the vault itself.

DISCUSSION:

The City issued Request for Proposal (RFP) No. 1175-19 on July 23, 2018, for design services to upgrade the existing Larsson Street Booster Pump Station. Only one proposal was received by the deadline on September 24, 2018. Rather than recommend an award, staff revised the RFP and re-released it as RFP No. 1192-19 on November 5, 2018. A total of five (5) proposals were received by the December 4, 2018, deadline for revised RFP, ranging in cost from a low of \$99,610 to a high of \$221,775. Each proposal was evaluated and ranked by the City's evaluation committee based on the proposer's understanding of the scope of services, proposed methodology and work plan, and experience of both the firm and the project team members.

Pacific Advanced Civil Engineer submitted the most responsive and comprehensive proposal. The firm's assigned staff has extremely relevant experience and its proposal demonstrated a significant understanding of the key project tasks and constraints. The recommended award of \$138,116 will cover the expected costs for the scope outlined in the RFP, including developing the plans and specifications for the Project. Per Government Code Section 4526, Professional Services Consultants are selected based on qualifications.

Some of the key services that will be provided include:

- Completion of a flow study to confirm existing conditions.
- Development of preliminary and final design plans, specifications, and cost estimates for upgrades to the existing Larsson Street Booster Pump Station.
- Development of a design report with alternatives to address deficiencies in the 2nd Street Booster Pump Station, which is a secondary pump station in the high pressure zone and serves as a backup to the Larsson Street Booster Pump Station.

Once design serves are awarded, the Project is expected to take approximately seven (7) months to complete, inclusive of flow studies, reports, cost estimates, and final design plans and specifications. The project will then be ready for construction bidding.

PUBLIC OUTREACH/INTEREST:

No public outreach was conducted regarding this design services award. However, notices will be sent to residences adjacent to the work once the project progresses toward the construction phase.

ENVIRONMENTAL REVIEW:

The City has reviewed the proposed project for compliance with the California Environmental Quality Act (CEQA) and has determined that the project qualifies for a Categorical Exemption pursuant to Section 15301 Class 1(b) (repair and maintenance of existing public facilities, involving negligible or no expansion of use) of the State CEQA Guidelines. A Notice of Exemption was filed with the Los

Angeles County Clerk's Office for the Project.

LEGAL REVIEW:

The City Attorney has reviewed this report and determined that no additional legal analysis is necessary.

ATTACHMENTS:

1. Resolution No. 19-0017
2. Agreement - Pacific Advanced Civil Engineering, Inc.
3. Budget and Expenditures Summary
4. Location Map