



**DATE:** June 25, 2019

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** **Recycled Water Feasibility Study Update, Project 18-71 – Approve Resolution Authorizing Grant Application and Amending Contract**

### **RECOMMENDATION**

1. Adopt a Resolution Authorizing the Public Works Director or His Designee to Apply for Grant Funds for the Recycled Water Feasibility Study Update, to be read in title only, further reading waived (Attachment 1 to the Council report).
2. Authorize the City Manager or his designee to amend the professional services contract with Carollo Engineers for an additional \$54,000 for engineering services through June 30, 2020, for a total contract amount up to \$165,000.

### **BACKGROUND AND ANALYSIS**

In 2018, the City contracted with Carollo Engineers to update the 2012 recycled water distribution system model to estimate consumption and determine optimal pipe-sizing and system needs. The Study includes incorporating the impact of the adopted dual plumbing ordinance and a number of significant land use changes that will increase the projected recycled water use as well as recent system expansions constructed by Google. Included is an update on the feasibility of the expansion of the recycled water distribution system through the NASA properties to the East Whisman Precise Plan area.

The Water Recycling Funding Program (WRFP), a program of the California State Water Resources Control Board, provides grants to assist public agencies with planning studies to determine the feasibility of using recycled water to offset the use of fresh/potable water from the State and/or local supplies. Staff recommends applying for a WRFP grant for the City's current feasibility study effort and the recommended resolution is required to do so. The grant would cover up to 50 percent of the eligible costs, via reimbursement, up to a maximum of \$75,000 in grant funds.

To be considered for the WRFP grant, additional scope items are needed for this effort, including technical memos along with an update and revisions to the original feasibility study. With this grant, the City will be able to revise the hydraulic model and provide in-depth planning analysis for system storage needs, such as options for pump and tank facilities sizing and locations. These changes, along with an update of the consultant’s current rates due to the delayed project, will require additional funding of \$54,000 for engineering services for a total contract amount up to \$165,000.

**FISCAL IMPACT**

The project budget includes the following items:

Professional Services	\$150,000
Contingency	<u>15,000</u>
Subtotal	\$165,000
Project Management	15,000
Administration @6.5%	<u>13,000</u>
TOTAL	<u>\$193,000</u>

There is sufficient funding in the Water Fund to fund this project. The above fiscal impact does not include the reimbursement of up to \$75,000 of the project should the City be awarded the grant.

**ALTERNATIVES**

1. Do not apply for the grant funds towards the recycled water feasibility study update.
2. Provide other direction to staff.

**PUBLIC NOTICING** – Agenda posting.

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JC/TS/1/CAM  
949-06-25-19CR  
190433

Attachment: 1. Resolution – Recycled Water System Expansion Feasibility Study  
Grant Application

cc: APWD – Hosfeldt, SCE – Chou, PCE – Arango