



**DATE:** November 27, 2018

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** **Park Irrigation Pump Installation, Project 16-45 – Approve Plans and Specifications/Authorize Bidding**

### **RECOMMENDATION**

1. Approve plans and specifications for the Park Irrigation Pump Installation, Project 16-45, and authorize staff to advertise the project for bids.
2. Authorize the City Manager to award the construction contract to the lowest responsible bidder if the low bid is within the project budget.

### **BACKGROUND**

The irrigation systems in the City's neighborhood parks are fed from water mains in the adjoining streets. For many years, park irrigation systems used "Thompson Commander" irrigation heads. These heads were able to operate on lower water pressure and still provide adequate turf coverage. About 15 years ago, Thompson went out of business and since then, the irrigation heads by other manufacturers (Hunter, Rainbird, Toro, etc.) have needed at least 50 pounds per square inch (psi) of pressure to operate properly. The Parks Division measured the current water pressure to be between 30 psi and 40 psi at four parks: Bubb Park, Cooper Park, Stevenson Park, and Whisman School Park, which is insufficient to provide adequate irrigation coverage to all turf areas.

### **ANALYSIS**

In November 2017, staff obtained City Council approval to proceed with construction of irrigation pumps at Cooper Park and deferred construction of the remaining three parks because the original budget was insufficient. In June 2018, the pump installation at Cooper Park was completed and additional funding for Bubb Park, Stevenson Park, and Whisman Park was approved for the 2018-19 fiscal year.

### Schedule

Plans and specifications for the project are complete and available for viewing in the Public Works Department. If the recommended actions are approved, construction is expected to begin in February 2019 and be completed in June 2019.

### California Environmental Quality Act

In accordance with the requirements of the California Environmental Quality Act, this project has been determined to be categorically exempt because the project consists of installing booster pumps to existing irrigation facilities, which does not expand the use beyond the existing conditions.

### FISCAL IMPACT

Park Irrigation Pump Installation, Project 16-45, is funded with \$920,000 from the Park Land Dedication Fund. The estimated project cost, including the design and construction for all four locations, is as follows:

Cooper Park Construction (completed)	\$147,000
Construction (Remaining three parks)	478,000
Construction Contingency	110,000
Consultant Services	70,000
City Project Management	20,000
Construction Inspection and Testing	20,000
PG&E Engineering & Permit Fee	10,000
Building Permit Fee	1,000
Miscellaneous	<u>1,000</u>
Subtotal	857,000
City Administration	<u>56,000</u>
TOTAL PROJECT COST	<u>\$913,000</u>

### ALTERNATIVES

1. Defer construction.
2. Provide other direction.

**PUBLIC NOTICING** – Agenda posting.

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AC/TS/2/CAM  
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