



DATE: June 21, 2016

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Annual Water Main Replacement
Leong Drive, Project 14-21 – Approve
Plans and Specifications/Authorize
Bidding**

RECOMMENDATION

1. Approve plans and specifications for the Annual Water Main Replacement Leong Drive, Project 14-21, and authorize staff to advertise the project for bids.
2. Authorize the City Manager to award a construction contract to the lowest responsible bidder if the low bid is within the project budget.

BACKGROUND

The City's annual water main replacement project includes replacement of substandard or end-of-service-life water mains and service laterals. The mains are selected for replacement based on age of the pipe, failure history, and/or capacity considerations.

The 2014-15 annual project (14-21) includes design of the replacement of approximately 4,800' of water mains in Rengstorff Park and on Boranda Avenue, Begen Avenue, Bond Way, Crane Avenue, Gantry Way, and Cuesta Drive. The project also includes design and construction to upsize approximately 1,500' of water main on Leong Drive and a new water service from Leong Drive to the City-owned Moffett Gateway site.

The project was divided into two phases, with the first phase being the improvements on Leong Drive and the service to Moffett Gateway. This portion of the work was advanced to ensure adequate water supply to the site during construction of the hotel and office improvements. The second phase includes the remaining work (Rengstorff Park and on Boranda Avenue, Begen Avenue, Bond Way, Crane Avenue, Gantry Way, and Cuesta Drive).

ANALYSIS

Design of the first phase is complete, and the recommended actions would authorize staff to advertise the project for bids.

The estimated project cost is as follows:

Construction – Phase I	\$ 830,000
Construction Contingency (10%)	83,000
Design – Phase I	190,000
Design – Phase II	163,000
City Project Management	91,000
City Inspection	73,000
Print/Miscellaneous	<u>5,000</u>
Subtotal	1,435,000
City Administration (6.5%)	<u>94,000</u>
TOTAL PROJECT COST	<u>\$1,529,000</u>

Upon the successful award of contract, construction of the Leong Drive/Moffett Gateway improvements is anticipated to begin in September 2016 and be complete by January 2017, weather permitting. Staff plans to advertise Phase II for bids in late 2016/early 2017.

In accordance with the California Environmental Quality Act (CEQA), this project has been determined to be categorically exempt as repair and maintenance of existing facilities.

FISCAL IMPACT

The Annual Water Main Replacement (Leong Drive), Project 14-21, is funded with \$1,688,000 from the Water Fund. The estimated cost of the project is \$1,529,000, and there is sufficient funding for the recommended actions.

ALTERNATIVES

1. Defer construction.
2. Provide other direction.

PUBLIC NOTICING

Agenda posting. Individual letters will be sent to property owners for properties that will be receiving a new fire hydrant or will have a fire hydrant relocated on their property.

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