City of Garden Grove

INTER-DEPARTMENT MEMORANDUM

To: Mat

Matthew Fertal

From:

Keith G. Jones

Dept:

City Manager

Dept:

Date:

Public Works

September 22, 2009

Subject:

AUTHORIZE EXPENDITURE FROM

WATER FUND FOR TRASK AVENUE/

GILBERT STREET SEWER

IMPROVEMENTS PROJECT #7811

OBJECTIVE

To request City Council authorization for an expenditure of \$245,598 from the Water Fund to pay for additional work pursuant to an amendment to the Garden Grove Sanitary District's agreement with Kana Pipeline, Inc. (Kana). This contract amendment would replace an existing under-sized and deteriorated asbestos cement (AC) water main within the existing sewer project area.

BACKGROUND

Kana was awarded a construction contract for \$1,478,925 at the November 25, 2008, Garden Grove Sanitary District (District) Board meeting. The original contract included construction of new replacement sewer mains in Trask Avenue, Gilbert Street and Galway Street. Additional structural and capacity deficiencies were discovered in the sewer main just upstream of the Galway Street sewer in Garden Grove Boulevard, and Change Order No. 1, in the amount of \$294,565, was issued to eliminate the deficiencies as a part of this project.

DISCUSSION

While constructing the sewer main in Garden Grove Boulevard, an AC water main was found to be partially within the sewer trench as well as under-sized. Due to the proximity of the AC main to the sewer as well as the size limitation, age, and condition of the AC water main between Galway Street and Brookhurst Way, it was decided to replace the 6-inch AC main with an 8-inch polyvinyl chloride pipe further away from the sewer main. Street improvement construction is scheduled to commence within next few months for this section of Garden Grove Boulevard. Once the street improvements are completed in this section, there will be a 5-year moratorium for any underground utility construction in this section of the street. Therefore, the water main improvements need to be completed before the commencement of the street improvements. Otherwise, the water main improvements will have to wait until the expiration of the moratorium.

AUTHORIZE WATER FUND EXPENDITURE FOR TRASK AVENUE/GILBERT STREET SEWER IMPROVEMENTS PROJECT #7811 September 22, 2009 Page 2

The contract amendment is attached to the companion item on the Sanitary District agenda.

FINANCIAL IMPACT

The proposed price from Kana is very comparable to the lowest bid that the City received for the last water main project in June 2009. This project will be financed with water funds, and there will be no impact on the General Fund.

COMMUNITY VISION IMPLEMENTATION

This project is consistent with the community vision for maintaining and upgrading the water system to ensure maximum protection of public health and the environment.

RECOMMENDATION

It is recommended that the City Council:

 Authorize the expenditure of \$245,598 from the Water Fund to pay for an amendment to the District's agreement with Kana Pipeline, Inc. in order to upgrade the under-sized and deteriorated water main before the upcoming street improvements construction in Garden Grove Boulevard.

KEITH G. JONES

Public Works Director

By:

Samuel Kim

Project Engineer

Recommended for Approval

Matthew Fertal City Manager