

**Garden Grove Sanitary District**

**INTER-DEPARTMENT MEMORANDUM**

To: Matthew Fertal  
Dept: General Manager  
Subject: APPROVE CONTRACT AMENDMENT  
FOR TRASK AVENUE/GILBERT  
STREET SEWER IMPROVEMENTS  
PROJECT #7811

From: Keith G. Jones  
Dept: Public Works  
Date: September 22, 2009

OBJECTIVE

To request that the Garden Grove Sanitary District (District) Board approve an increased contract amount of \$245,598 to the District's agreement with Kana Pipeline, Inc. (Kana) in order to replace an existing under-sized and deteriorated asbestos cement (AC) water main within the sewer project limit.

BACKGROUND

Kana was awarded a construction contract for \$1,478,925 at the November 25, 2008, District Board meeting. The original contract included construction of new replacement sewer mains in Trask Avenue, Gilbert Street and Galway Street. Structural and capacity deficiencies were discovered in the sewer main just upstream of the Galway Street sewer in Garden Grove Boulevard. 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. As this additional work involves water main improvements, there is a correlating agenda report on the City Council agenda (Agenda Item No. 3.I.) for authorization of water funds for these improvements.

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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 District Board:

Approve an increased contract amount of \$245,598 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  
General Manager

Attachment: Agreement