

# STAFF REPORT

DATE: August 13, 2007

TO: Water/Sewer Committee

FROM: Water Utilities Department

SUBJECT: **RECOMMEND APPROVAL OF CLOSING CHANGE ORDER 1 AND ACCEPTANCE OF IMPROVEMENTS CONSTRUCTED BY AFFHOLDER, INC. OF CHESTERFIELD, MISSOURI, FOR THE BUENA VISTA FORCE MAIN REPLACEMENT PHASE 1 PROJECT**

## **SYNOPSIS**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve closing Change Order 1 in the amount of \$14,830.16 to the agreement with Affholder, Inc., of Chesterfield, Missouri, for the Buena Vista Force Main Replacement Phase 1 project; authorize the City Engineer to execute the change order; accept the improvements constructed by Affholder, Inc.; and authorize the City Clerk to file a Notice of Completion with the San Diego County Recorder.

## **BACKGROUND**

On April 19, 2006 City Council awarded a construction contract for the Buena Vista Force Main Replacement Phase 1 project to Affholder, Inc. of Chesterfield, Missouri in the amount of \$2,187,425.

The City of Oceanside has two lift stations located at 2501 Haymar Road, both of which are scheduled to be replaced with the construction of one larger station to accommodate the increasing flows through the system. The existing lift stations are able to accommodate peak flows of 3.5 million gallons a day (mgd), and will be increased to accommodate a peak flow of 6.0 mgd.

Phase 1 included a 1,165 linear feet of 24-inch force main installed inside a 42-inch diameter tunnel installed by micro tunnel construction from the Buena Vista Lift Station south of Highway 78 to just north of Vista Way in Via Esmarca under Highway 78 and the El Camino North Shopping Center (Exhibit A). All work was satisfactorily completed.

## **ANALYSIS**

Closing Change Order 1 (Exhibit B) included additional work requested by the City to perform additional potholing on the existing force main that was in a different location

than shown on the plans. In addition, the contractor incurred delays from reduced production due to a potential conflict with the City's 18-inch gravity sewer and delays from man-made debris in tunnel alignment not anticipated or shown on the plans. There was also a credit issued for reducing the number of grout ports in the tunnel casing.

### **FISCAL IMPACT**

In Fiscal Year 2005 - 2006, Council approved an appropriation of \$6,110,000 for the construction of the Buena Vista Force Main Replacement projects. The Affholder, Inc. (Phase 1), bid was \$2,187,425; the CCL Contracting, Inc. (Phase 2), bid was \$2,992,196; and the Infrastructure Engineering Corporation proposal was \$597,340 for the construction management and inspection services, which bring the combined Buena Vista Force Main Replacement projects Phase 1 and Phase 2 estimated construction cost to \$5,776,961. The projected expenditures in Fiscal Year 2006-2007 were \$5,174,674. For Fiscal Year 2007-2008 an estimated \$856,893 in carry forward funds is available in the Sewer Expansion Buena Vista FM account (726.865472). The cost of Change Order 1 is \$14,830.16, therefore adequate funding is available for this item.

### **COMMISSION OR COMMITTEE REPORT**

Does not apply.

### **CITY ATTORNEY'S ANALYSIS**

The referenced documents are being reviewed by the City Attorney's office.

### **RECOMMENDATIONS**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve closing Change Order 1 in the amount of \$14,830.16 to the agreement with Affholder, Inc., of Chesterfield, Missouri, for the Buena Vista Force Main Replacement Phase 1 project; authorize the City Engineer to execute the change order; accept the improvements constructed by Affholder, Inc.; and authorize the City Clerk to file a Notice of Completion with the San Diego County Recorder.

PREPARED BY:

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Greg Blakely  
Administration Manager

Exhibit A – Project Map  
Exhibit B – Change Order