

DATE: February 9, 2010

TO: Water/Sewer Committee

FROM: Lauren Wasserman, Interim Water Utilities Director

SUBJECT: **RECOMMEND APPROVAL OF CLOSING CHANGE ORDER 7 IN THE AMOUNT OF \$43,832.29 AND ACCEPTANCE OF IMPROVEMENTS CONSTRUCTED BY CASS CONSTRUCTION, INC., FOR THE PEACOCK HILLS SERVICE AREA PRESSURE REGULATING STATION PROJECT**

SYNOPSIS

Staff and the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve closing Change Order 7 in the amount of \$43,832.29 to Cass Construction Inc., of El Cajon for the Peacock Hills Service Area Pressure Regulating Station project for adjustments to final quantities installed, minor changes and City requested work, and authorize the City Engineer to execute the change order; and accept the improvements constructed by Cass Construction, Inc. for the project, and authorize the City Clerk to file a Notice of Completion with the San Diego County Recorder.

BACKGROUND

The project was located on the east side of the City's Guajome Reservoir site at 1398 Temple Heights Drive (Exhibit A). The Station was undersized, inadequately ventilated, poorly lit, and had no facilities such as stairs, landings, or lifting devices to facilitate proper maintenance. It was difficult for staff to access and maintain. This project consisted of expanding and upgrading to meet current regulations.

On October 8, 2008, City Council awarded a construction contract for the Peacock Hills Service Area Pressure Regulating Station project to Cass Construction, Inc, in the amount of \$1,386,955.

ANALYSIS

Change Order 1 included City requested increase in diameter of a temporary bypass line. In addition, several contract items were not required and therefore used as a credit on this change order. Change Order 1 was in the amount of \$9,575.00

Change Order 2 compensated the Contractor for a change in the sequence of work. Change Order 2 was in the amount of \$8,389.00.

Change Order 3 included costs associated with unforeseen perched groundwater. Change Order 3 was in the amount of \$8,332.45.

Change Order 4 included work to add turbidity meters to comply with newly adopted City standards for monitoring of potable water facilities. Change Order 4 was in the amount of \$8,123.00.

Change Order 5 included work for the replacement of existing connection materials which were found to be unusable in the field. In addition, changes to the floor penetration were required in the building Change Order 5 was in the amount of \$8,360.82.

Change Order 6 included work to rectify several electrical modifications. This work also included the addition of two 24" butterfly valves requested by the City. Change Order 6 was in the amount of \$5,558.86.

Change orders 1 through 6 were administratively approved.

Closing Change Order 7 includes adjustments in the final quantities installed, dewatering costs, and electrical changed conditions. Change Order 7 is in the amount of \$43,832.29 (Exhibit A).

A final inspection was performed and it was determined that the project was completed per the plans and specifications.

FISCAL IMPACT

The Peacock Hills Service Area Pressure Regulating Station project (908742200712) has an approximate balance of \$536,973. The cost of closing Change Order 7 is \$43,832.29 plus Change Orders 1-6 totaling \$48,339.13 totals \$92,171.42 for a project total of \$1,479,126.42; there are available funds for this change order.

INSURANCE REQUIREMENTS

The City's standard insurance requirements will be met.

CITY ATTORNEY'S ANALYSIS

The referenced documents have been reviewed by the City Attorney and approved as to form.

COMMISSION OR COMMITTEE REPORT

Does not apply.

RECOMMENDATIONS

Staff and the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve closing Change Order 7 in the amount of \$43,832.29 to Cass Construction Inc., of El Cajon for the Peacock Hills Service Area Pressure Regulating Station project for adjustments to final quantities installed, minor changes and City requested work, and authorize the City Engineer to execute the change order; and accept the improvements constructed by Cass Construction, Inc. for the project, and authorize the City Clerk to file a Notice of Completion with the San Diego County Recorder.

PREPARED BY:

Greg Blakely
Administration Manager

Exhibit A – Change Order #7