

# STAFF REPORT

DATE: November 10, 2009

TO: Water/Sewer Committee

FROM: Lonnie Thibodeaux, Water Utilities Director

SUBJECT: **RECOMMEND APPROVAL OF CLOSING CHANGE ORDER #5 IN THE AMOUNT OF \$48,234.34 AND ACCEPTANCE OF IMPROVEMENTS CONSTRUCTED BY BRH GARVER WEST, INC. FOR THE MESA GARRISON FORCE MAIN PROJECT**

## **SYNOPSIS**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve closing Change Order 5 in the amount of \$48,234.34 and accept the improvements constructed by BRH Garver West Inc. of San Diego for the Mesa Garrison Force Main project, and authorize the City Clerk to file a Notice of Completion with the San Diego County Recorder.

## **BACKGROUND**

Sewage flows from Mesa Drive and Oceanside Boulevard east of El Camino Real combine with flows from the Buena Vista Lift Station (BVLS) to form what is called the Mesa/Garrison Area Sewer System in the Wastewater Master Plan. The 24-inch gravity sewer main that handles the flows is above capacity during wet-weather flows and experiences chronic surcharging in a shallow manhole at the Mesa/Garrison intersection.

One method of eliminating the surcharging of the 24-inch gravity sewer main was to remove the BVLS flow. When the new force main is activated the BVLS flow will be diverted from the 24-inch gravity sewer to the 42-inch Hobas pipe, which will eliminate the surcharging in the shallow manhole at the Mesa/Garrison intersection.

The project consisted of installing approximately 2,632 linear feet of force main via the conventional open-trench method of construction and installing 44 linear feet of force main inside over two 72-inch storm drain pipes just south of Mesa Drive in El Camino Real. The connections to the Buena Vista Force Main in the Oceanside Boulevard/El Camino Real intersection and to the 42-inch Hobas pipe in the Mesa/Garrison intersection were also constructed.

On October 8, 2008, City Council awarded a construction contract for the Mesa Garrison Force Main Project to BRH Garver West, Inc. in the amount of \$1,347,507.00.

## **ANALYSIS**

Change Order 1 included City-requested additional potholing, costs associated with the re-design of the bore and jack work to accommodate crossing over the twin 72" CMP facilities at Mesa Drive. In addition, several contract items were not completed and therefore used as a credit in this change order. Change Order 1 was in the amount of \$9,302.15

Change Order 2 was a no cost change order which extended the contract duration by 77 calendar days in order to accommodate project design modifications and the delay associated with the Kinder Morgan 16" fuel line conflicts.

Change Order 3 included costs associated with excavating around the Kinder Morgan 16" fuel line and the deduction of quantities due to shortening of the pipeline and work associated with a horizontal alignment change in the HDPE pipeline section. Change Order 3 was in the amount of \$7,192.72.

Change Order 4 included work to cross an unknown and unmarked utility and changed the substantial completion date by an additional seven days due to requested emergency repair work requested by the City. Change Order 4 was in the amount of \$1,997.03.

Change orders 1 through 4 were administratively approved.

Closing Change Order #5 includes adjustments in the final quantities installed, several minor additions due to the revised alignment with the Kinder Morgan pipeline, and City requested work. Change Order 5 is in the amount of \$48,234.34 (Exhibit A).

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

## **FISCAL IMPACT**

The Mesa/Garrison 42-inch Gravity Sewer project (909566600726) has an approximate balance of \$969,655.25. The construction contract is \$1,347,507 plus the five Change Orders totaling \$66,726.24 for a total construction cost of \$1,414,233.24. The cost of closing Change Order 5 is \$48,234.34; there are available funds for this change order.

## **INSURANCE REQUIREMENTS**

Does not apply

## **CITY ATTORNEY'S ANALYSIS**

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

**COMMISSION OR COMMITTEE REPORT**

Does not apply.

**RECOMMENDATIONS**

Staff recommends that the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve closing Change Order 5 in the amount of \$48,234.34 and accept the improvements constructed by BRH Garver West Inc. of San Diego for the Mesa Garrison Force Main project, 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 – Change Order 5

# STAFF REPORT

DATE: November 10, 2009

TO: Water/Sewer Committee

FROM: Lonnie Thibodeaux, Water Utilities Director

SUBJECT: **RECOMMEND APPROVAL OF CLOSING CHANGE ORDER 1 IN THE AMOUNT OF \$15,661.65 AND ACCEPTANCE OF IMPROVEMENTS CONSTRUCTED BY SOUTHLAND PAVING, INC. FOR THE CONSTRUCTION OF THE MISSION SAN LUIS REY WATERLINE 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 \$15,661.65 and accept the improvements constructed by Southland Paving, Inc. of Escondido for the Mission San Luis Rey Waterline Project, and authorize the City Clerk to file a Notice of Completion with the San Diego County Recorder.

## **BACKGROUND**

On March 26, 2009, thirteen bids were received and opened for the Mission San Luis Rey Waterline Project. The apparent low bidder was Southland Paving, Inc., of Escondido with a bid of \$194,210.80. On May 13, 2009, City Council awarded the construction contract to Southland Paving, Inc.

## **ANALYSIS**

Closing Change Order 1 included adjustments in the vertical pipe alignment required to avoid existing utilities discovered during potholing, and the final contract adjustment in unit quantities installed. Closing Change Order 1 resulted in a contract increase of \$15,661.65 (Exhibit A).

A final inspection has been performed and it was determined that the project was complete per the plans and specifications.

## **FISCAL IMPACT**

On November 19, 2003, the City Council adopted a budget resolution accepting the EPA grant funds in the amount of \$238,500. The terms of the EPA grant require 45 percent matching funds. Funding for the project will be broken down as follows:

EPA Grant	\$238,500.00
City Matching Funds	\$ 92,522.75
<u>Mission San Luis Rey Contribution</u>	<u>\$187,788.42</u>
Original contract budget	\$518,811.17

The Water Utilities Department’s matching funds and the Mission San Luis Rey’s contributions combined exceed that required by the EPA grant for minimum matching funds and therefore the requirements have been satisfied.

The Mission San Luis Rey Waterline fund (908741800712) has a balance of \$788,243.47. The final project cost including closing Change Order 1 is \$534,472.82. Closing change order 1 is \$15,661.65; there are available funds for this change order.

**INSURANCE REQUIREMENTS**

Does not apply.

**CITY ATTORNEY’S ANALYSIS**

The reference Documents are being reviewed by the City Attorney’s office.

**COMMISSION OR COMMITTEE REPORT**

Does not apply.

**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 \$15,661.65 and accept the improvements constructed by Southland Paving, Inc. of Escondido for the Mission San Luis Rey Waterline Project, 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 – Change Order 1

# STAFF REPORT

DATE: November 10, 2009

TO: Water/Sewer Committee

FROM: Lonnie Thibodeaux, Water Utilities Director

SUBJECT: **RECOMMEND APPROVAL OF CLOSING CHANGE ORDER 1 IN THE AMOUNT OF \$19,491.07 AND ACCEPTANCE OF IMPROVEMENTS CONSTRUCTED BY DON HUBBARD CONTRACTING COMPANY FOR THE BUENA VISTA FORCE MAIN TEMPORARY LIFT STATION CONNECTION 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 \$19,491.07 and accept improvements constructed by Don Hubbard Contracting Company of San Marcos for the Buena Vista Force Main Temporary Lift Station Connection project, and authorize the City Clerk to file a Notice of Completion with the San Diego County Recorder.

## **BACKGROUND**

The Buena Vista Force Main Temporary Lift Station Connection project consists of making a temporary connection from the existing Buena Vista Lift Station to the new force main that was installed to replace the existing 1975 force main.

On August 6, 2008, three bids were received and opened for the Buena Vista Force Main Temporary Lift Station Connection project. The apparent low bidder was Don Hubbard Contracting Company of San Marcos, California, with a bid in the amount of \$122,090.00.

On September 10, 2008 City Council awarded the construction contract to Don Hubbard Contracting Company of San Marcos.

## **ANALYSIS**

Change Order 1 (Exhibit A) includes additional work requested by the City and additional work required due to unknown utilities encountered and changes in the existing field conditions.

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

**FISCAL IMPACT**

The Buena Vista Force Main Replacement project (909547400726) has an approximate balance of \$1,320,556. The construction contract is \$122,090 plus closing Change Order 1 of \$19,491 for a total construction cost of \$141,581. Therefore, adequate funding is available for this item.

**INSURANCE REQUIREMENTS**

Does not apply.

**CITY ATTORNEY'S ANALYSIS**

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

**COMMISSION OR COMMITTEE REPORT**

Does not apply

**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 \$19,491.07 and accept improvements constructed by Don Hubbard Contracting Company of San Marcos for the Buena Vista Force Main Temporary Lift Station Connection project, 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 – Change Order 1