

# STAFF REPORT

DATE: November 17, 2009

TO: Utilities Commission

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 and 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 to BRH Garver West Inc. of San Diego for the Mesa Garrison Force Main project, for adjustments in the final quantities installed, several minor additions due to the revised alignment and City-requested work, and authorize the City Engineer to execute the change order; and accept the improvements constructed by BRH Garver West for the project, and authorize the City Clerk to file a Notice of Completion with the San Diego County Recorder.

## **BACKGROUND**

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.

## **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" corrugated metal pipe 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 high density polyethylene 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. There are available funds for the closing 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**

The Water/Sewer Committee approved staff's recommendation at its regularly scheduled meeting on November 10, 2009.

## **RECOMMENDATIONS**

Staff and 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 to BRH Garver West Inc. of San Diego for the Mesa Garrison Force Main project, for adjustments in the final quantities installed, several minor additions due to the revised alignment and City requested work, and authorize the City Engineer to execute the change order; and accept the improvements constructed by BRH Garver West for the 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 17, 2009

TO: Utilities Commission

FROM: Lonnie Thibodeaux, Water Utilities Director

SUBJECT: **RECOMMEND APPROVAL OF CLOSING CHANGE ORDER 1 IN THE AMOUNT OF \$20,123.56 AND ACCEPTANCE OF IMPROVEMENTS CONSTRUCTED BY SOUTHLAND PAVING, INC. FOR THE CONSTRUCTION OF THE MISSION SAN LUIS REY WATERLINE PROJECT**

## **SYNOPSIS**

Staff and the Water/Sewer Committee recommends that the Utilities Commission recommend that the City Council approve closing Change Order 1 in the amount of \$20,123.56 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**

The Mission San Luis Rey Waterline Project consists of the construction of 1,585 LF of 10-inch PVC waterline in front of the Mission in the parking area connecting Peryi Drive and the east side of the property and 518 LF of 10-inch PVC waterline along the east property boundary to loop the water system and provide fire protection to the rear of the Mission. There are also seven fire hydrants proposed to be connected to this 10-inch line.

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 \$20,123.56 (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 Environmental Protection Agency (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	\$105,401.83
Mission San Luis Rey Contribution	\$195,032.90
Original contract budget	\$538,934.73

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 is \$538,934.73 including closing Change Order 1 in the amount of \$20,123.56; there are available funds for this change order.

**CITY ATTORNEY’S ANALYSIS**

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

**INSURANCE REQUIREMENTS**

Does not apply.

**COMMISSION OR COMMITTEE REPORT**

The Water/Sewer Committee approved staff’s recommendation at its regularly scheduled meeting on November 10, 2009.

**RECOMMENDATIONS**

Staff and the Water/Sewer Committee recommends that the Utilities Commission recommend that the City Council approve closing Change Order 1 in the amount of \$20,123.56 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 17, 2009

TO: Utilities Commission

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 and 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, with a bid in the amount of \$122,090.

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**

The Water/Sewer Committee approved staff's recommendation at its regularly scheduled meeting on November 10, 2009.

**RECOMMENDATIONS**

Staff and 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