ENGINEERING, OPERATIONS AND PLANNING COMMITTEE MEETING
AGENDA

WEDNESDAY, JANUARY 22, 2020 - 6:00 PM

NOTICE IS HEREBY GIVEN that West Valley Water District has called a meeting of the Engineering and Planning Committee to meet in the Administrative Conference Room, 855 W. Base Line Road, Rialto, CA 92376.

I. CONVENE MEETING

II. PUBLIC PARTICIPATION

The public may address the Board on matters within its jurisdiction. Speakers are requested to keep their comments to no more than three (3) minutes. However, the Board of Directors is prohibited by State Law to take action on items not included on the printed agenda.

I. DISCUSSION ITEMS

   a. Update from Engineering, Operations and Planning Committee

   b. FBR & FXB Updates

   c. Bunker Hill Groundwater Council Updates

   d. Rialto-Colton Basin Groundwater Council Updates

   e. Approve Change Order No. 1 for the Construction Inspection Services of the Bloomington Area Waterline Replacement Phase 3A Project for Engineering Resources of Southern California, Inc. (Pg. 2)

      f. Approve Change Order No. 1 for the Construction of the Bloomington Area Waterline Replacement Phase 3A Project for El-Co Contractors, Inc. (Pg. 7)

II. ADJOURN

DECLARATION OF POSTING:

I declare under penalty of perjury, that I am employed by the West Valley Water District and posted the foregoing Engineering, Operations and Planning Committee Agenda at the District Offices on January 17, 2020.

Crystal L. Escalera, Board Secretary
BOARD OF DIRECTORS
ENGINEERING AND PLANNING COMMITTEE
STAFF REPORT

DATE: January 22, 2020
TO: Engineering and Planning Committee
FROM: Clarence Mansell Jr., General Manager
SUBJECT: APPROVE CHANGE ORDER NO. 1 FOR THE CONSTRUCTION INSPECTION SERVICES OF THE BLOOMINGTON AREA WATERLINE REPLACEMENT PHASE 3A PROJECT FOR ENGINEERING RESOURCES OF SOUTHERN CALIFORNIA, INC.

BACKGROUND:

On March 13, 2019, the District entered into a contract with Engineering Resources of Southern California, Inc. (“ERSC”) for the Construction Inspection Services of the Bloomington Area Waterline Replacement Phase 3A Project. Since their contract was established, ERSC has successfully conducted the scope of work and provided deliverables as stated in the contract. Based upon extension of construction duration due to various construction delays, an adjustment of the Professional Services Agreement is needed to complete the project. ERSC has submitted Change Order No. 1 to cover the cost for this additional work.

FISCAL IMPACT:

This project was a budgeted item in the Fiscal Year 2019/20 Capital Improvement Budget under the Bloomington Area Waterline Replacement Phase 3A project. This change order will increase the contract amount by $31,960.00 for a total of $126,520.00. A copy of Change Order No. 1 is attached as Exhibit A. The project budget has available funds of $71,146.17. Sufficient funds are available in the project budget to cover the cost of Change Order No. 1. A summary of the requested change order is as follows:
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Available Budget</th>
<th>Construction Cost</th>
<th>Change Order No. 1</th>
<th>Remaining Budget</th>
<th>New Contract Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bloomington Area Waterline Replacement Phase 3A</td>
<td>$71,146.17</td>
<td>-</td>
<td>($31,960.00)</td>
<td>$39,186.17</td>
<td>-</td>
</tr>
<tr>
<td>Bloomington Area Waterline Replacement Phase 3A</td>
<td>-</td>
<td>$94,560.00</td>
<td>$31,960.00</td>
<td>-</td>
<td>$126,520.00</td>
</tr>
</tbody>
</table>

**STAFF RECOMMENDATION:**

It is recommended that the Engineering, Operations, and Planning Committee approve Change Order No. 1 for the construction inspection services of the Bloomington Area Waterline Replacement Phase 3A Project to ERSC in the amount of $31,960.00 and have this item considered by the full Board of Directors at a future meeting and authorize the General Manager to execute the necessary documents.

Respectfully Submitted,

Clarence Mansell Jr, General Manager

RMG:ce

**ATTACHMENT(S):**

1. Exhibit A - ERSC Change Order No. 1
SECTION 2.11
of
PROCEDURAL DOCUMENTS

CHANGE ORDER

OWNER: West Valley Water District

CONTRACTOR: Engineering Resources of Southern California, Inc.
1861 W. Redlands Blvd.
Redlands, CA 92373

PROJECT: Zone 2 Waterline & Service Relocations in the Bloomington Area – Phase IIIA

Change Order No. 1 Agreement Date: March 13, 2019

Date: January 14, 2020 Sheet 1 of 2

The following changes are hereby made to the Contract Documents:

I. EXTRA WORK

<table>
<thead>
<tr>
<th></th>
<th>ADD</th>
<th>DEDUCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Extended Construction Inspection Services</td>
<td>$31,960.00</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL FOR CHANGE ORDER NO. 1** $31,960.00

II. CONTRACT TIME

1. Increase by 35 calendar days.

III. JUSTIFICATION:

1. Adjustment of Professional Services based upon extension of construction duration due to various construction delays.
CHANGE TO CONTRACT PRICE:

Original Contract Price: $94,560.00

Current Contract Price Adjusted by Previous Change Order(s): $0.00

Contract Price Due to This Change Order will be Increased By:

New Contract Price, including This Change Order: $126,520.00

CHANGE TO CONTRACT TIME:

Contract Time will be increased 35 Working Days

Date of Completion of All Work March 13, 2020 (Date)

REQUIRED APPROVALS:

To be effective, this Change Order must be approved by the Owner, or as may otherwise be required by the Supplemental General Conditions.

Requested By (Contractor) Date

Recommended By (Project Manager) Date

Recommended By (Asst. Gen. Manager) Date

Accepted By (Owner) Date
DATE: January 22, 2020
TO: Engineering and Planning Committee
FROM: Clarence Mansell Jr., General Manager
SUBJECT: APPROVE CHANGE ORDER NO. 1 FOR THE CONSTRUCTION OF THE BLOOMINGTON AREA WATERLINE REPLACEMENT PHASE 3A PROJECT FOR EL-CO CONTRACTORS, INC.

BACKGROUND:
On June 13, 2019, the District entered into an Agreement with El-Co Contractors, Inc. for the construction of the Bloomington Area Waterline Replacement Phase 3A Project. While installing the new 8-inch pipeline, the Contractor encountered the following unforeseen items that needed to be adjusted and installed in the field:

- Additional effects incurred from encounter with an unmarked abandoned 16” irrigation line between Sta. 34+00 and Sta. 23+10 on 11th Street.
- Material haul off incurred from encounter with an unmarked abandoned 16” irrigation line between Sta. 34+00 and Sta. 23+10 on 11th Street.
- Installation per West Valley Water District to install two (2) additional offsite water service meters to the 1st vacant lot between addresses 18115 and 18125 and the 2nd vacant lot between addresses 18223 and 18241 on 10th Street.
- Additional material cost to install 143-1” angle meter stops.

FISCAL IMPACT:
This project was a budgeted item in the Fiscal Year 2019/20 Capital Improvement Budget under the Bloomington Area Waterline Replacement Phase 3A project. This change order will increase the contract amount by $31,565.33 for a total of $1,536,506.83. A copy of Change Order No. 1 is attached as Exhibit A. The project budget has available funds of $102,711.50. Sufficient funds are available in the project budget to cover the cost of Change Order No. 1. A summary of the requested change order is as follows:
STAFF RECOMMENDATION:

It is recommended that the Engineering, Operations, and Planning Committee approve Change Order No. 1 for the construction of the Bloomington Area Waterline Replacement Phase 3A Project to El-Co Contractors, Inc. in the amount of $31,565.33 and have this item considered by the full Board of Directors at a future meeting and authorize the General Manager to execute the necessary documents.

Respectfully Submitted,

Clarence Mansell Jr, General Manager

ATTACHMENT(S):

1. Exhibit A - El-Co Change Order No. 1
The following changes are hereby made to the Contract Documents:

I. EXTRA WORK

1. Additional effects incurred from encounter with an unmarked abandoned 16” Irrigation Line Conflict (Sta 34+00 to Sta 23+10) along 11th Street.  
   $18,563.71

2. Material Haul off incurred from encounter with an unmarked abandoned 16” Irrigation Line Conflict (Sta 34+00 to Sta 23+10) along 11th Street.  
   $993.62

3. Installation per District request to install (2) additional offsite water service meters to 1st vacant lot between address 18115 & 18125, and the 2nd at a vacant lot between address 18223 & 18241. Both lots along 10th Street.  
   $4,000.00

4. Additional material cost to install 143 1-inch Angle Meter Stops  
   $8,008.00

   Total, for Item I  
   $31,565.33

II. CONTRACT TIME

5. **Increase** in the contract duration by **5 Working Days** for additional work related to the
Abandoned 16” Irrigation line (Requested on November 20th, 2019)

6. **Increase** in the contract duration by **5 Working Days** for work days lost due to rain (Requested on January 3rd, 2020)

III. **JUSTIFICATION:**

1. El-Co encountered an unmarked abandoned Irrigation line along 11th Street which delayed progress on waterline installation and impacted existing conditions onsite. Additional manpower efforts were confirmed by ERSC, Inc.
2. El-Co encountered an unmarked abandoned Irrigation line along 11th Street which delayed progress on waterline installation and impacted existing conditions onsite. Item composes the materials disposed of. Materials confirmed by ERSC, Inc.
3. As per request from the District, (2) vacant lots were requested to have offsite water service installation to accommodate services if developed at a later date. 1st vacant lot is between address 18115 & 18125, and the 2nd vacant lot is between address 18223 & 18241. Both lots along 10th Street.
4. As per request from the District, angle meter stop material was substituted for WVWD with a preferred material (Ball-Type with 360 degree turn) that was different that detailed per the standard service details and specifications. Cost is the difference of the originally bid equipment and the requested product from the supplier.
5. Increase in the contract duration by **(5) Working Days** as related to the additional impacts from the encountered abandoned 16-inch irrigation line.
6. Increase in the contract duration by **(5) Working Days** as related weather days. Work unable to occur due to rain.

**CHANGE TO CONTRACT PRICE:**

- Original Contract Price: $1,504,941.50
- Current Contract Price Adjusted by Previous Change Order(s): $0.00

- Contract Price Due to This Change Order will be **Increased By:** $31,565.33
New Contract Price, including This Change Order: $1,536,506.83

CHANGE TO CONTRACT TIME:

Contract Time will be increased 10 Working Days

Date of Completion of All Work March 5th, 2020

(Date)

REQUIRED APPROVALS:

To be effective, this Change Order must be approved by the Owner, or as may otherwise be required by the Supplemental General Conditions.

Requested By (Contractor) ____________________________ Date ____________________

Recommended By (Project Manager) ____________________ Date ____________________

Recommended By (Asst. Gen. Manager) __________________ Date ____________________

Accepted By (Owner) ____________________________ Date ____________________