

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS  
AGENDA ITEM TRANSMITTAL**

|  |   |   |                      |
|--|---|---|----------------------|
| (1) DEPARTMENT<br>Public Works   | (2) MEETING DATE<br>8/27/2013                     | (3) CONTACT/PHONE<br>Jeff Werst, Design Division Manager<br>(805) 781-4480  |                      |
| (4) SUBJECT<br>Submittal of Contract Change Order No. 4 to the Agreement with Souza Construction, Inc. for the Main Street Bridge over Santa Rosa Creek in Cambria, in the amount of \$250,000. District 2.  |   |   |                      |
| (5) RECOMMENDED ACTION<br>It is our recommendation that your Honorable Board:<br><ol style="list-style-type: none"> <li>1. Approve Contract Change Order No. 4, to the Agreement with Souza Construction Inc. for the Main Street Bridge over Santa Rosa Creek in Cambria, (No. 300180), in the amount of \$250,000.00; and</li> <li>2. Direct the Director of Public Works, or his designee, to execute and process Contract Change Order No. 4.</li> </ol> |   |   |                      |
| (6) FUNDING SOURCE(S)<br>Prop 1B, HBP, Federal Toll Credits, Road Fund   | (7) CURRENT YEAR FINANCIAL IMPACT<br>\$250,000.00 | (8) ANNUAL FINANCIAL IMPACT<br>\$0.00   | (9) BUDGETED?<br>Yes |
| (10) AGENDA PLACEMENT<br><input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ___) <input type="checkbox"/> Board Business (Time Est. ___)  |   |   |                      |
| (11) EXECUTED DOCUMENTS<br><input type="checkbox"/> Resolutions <input type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input checked="" type="checkbox"/> N/A   |   |   |                      |
| (12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR)<br>N/A   |   | (13) BUDGET ADJUSTMENT REQUIRED?<br>BAR ID Number: N/A<br><input type="checkbox"/> 4/5th's Vote Required <input type="checkbox"/> N/A |                      |
| (14) LOCATION MAP<br>Attached  | (15) BUSINESS IMPACT STATEMENT?<br>No             | (16) AGENDA ITEM HISTORY<br><input type="checkbox"/> N/A    Date: 6/18/13; #34  |                      |
| (17) ADMINISTRATIVE OFFICE REVIEW<br><i>Nikki J. Schmidt</i>   |   |   |                      |
| (18) SUPERVISOR DISTRICT(S)<br>District 2 -  |   |   |                      |

Reference: 13AUG27-C-9

# County of San Luis Obispo



TO: Additions, subtractions and corrections to the  
Board of Supervisors Agenda

FROM: Public Works  
Jeff Werst, Design Division Manager  
Kidd Immel, Project Manager

VIA: Dave Flynn, Deputy Director of Public Works

DATE: 8/27/2013

SUBJECT: Submittal of Contract Change Order No. 4 to the Agreement with Souza Construction, Inc. for the Main Street Bridge over Santa Rosa Creek in Cambria, in the amount of \$250,000. District 2.

## **RECOMMENDATION**

It is our recommendation that your Honorable Board:

1. Approve Contract Change Order No. 4, to the Agreement with Souza Construction Inc. for the Main Street Bridge over Santa Rosa Creek in Cambria, (No. 300180), in the amount of \$250,000; and
2. Direct the Director of Public Works, or his designee, to execute and process Contract Change Order No. 4.

## **DISCUSSION**

On June 18, 2013, your Board awarded a contract to Souza Construction, Inc. in the amount of \$3,562,731.66 for the Main Street Bridge over Santa Rosa Creek project in Cambria. The contract approval also established a contingency and supplemental work budget of \$548,673.34 for unforeseen conditions and for potential additional quantities in connection with project construction.

Staff has now encountered a key issue in construction of the bridge abutments. The abutments are designed to be supported on steel H-piles embedded into the ground with pile driving equipment. In order to provide adequate support for the abutments, the contract documents specified that a minimum resistance be achieved at the pile embedment depths called for on the project plans. However, during the pile driving operations, the "Specified Nominal Resistance" was not obtained at the "Specified Tip Elevation." The situation was discussed with the designer, Bengal Engineering of Goleta, who recommended that the piles be driven deeper into the ground to achieve the required resistance. Contract Change Order No. 4 (CCO 4) covers the estimated cost increase to compensate the Contractor for furnishing and installing additional length of steel H-piles as required to achieve the specified nominal resistance at each abutment.

Under Public Contract Code Section 20142 and based on the size of this construction project, it is necessary for your Board to approve individual change orders when they exceed a total of \$190,636. The estimated cost for CCO 4 is \$250,000.

Staff will be working with the consultant Engineer to determine why the design pile elevations were in error and follow-up on any matters relating to restitution of staff or project costs. Timely action on the change order is necessary in order to prevent any delays to the contractor in carrying out the project, particularly with the seasonal limitation of working within and near the creek.

### **OTHER AGENCY INVOLVEMENT/IMPACT**

Caltrans was consulted and has indicated that they will authorize reimbursement for CCO 4 under the Federal Highway Bridge Program.

### **FINANCIAL CONSIDERATIONS**

There is sufficient money in the contingency budget to cover the cost of CCO 4. The Federal Highway Administration approved project budget includes contingency monies to manage change orders of up to \$356,273.34, plus an additional \$190,000.00 for Traffic Control and Supplemental Work for a total amount of \$546,273.34. This change order will be processed under the contingency fund and will have a balance (after accounting for this change order) of approximately \$259,213.34 for any remaining change orders and Supplemental Work.

The project is funded from Prop 1B, Federal Highway Administration's Highway Bridge Program (HBP), Federal Bridge Toll Credits and Road Funds.

### **RESULTS**

Approval of the recommended action will result in the continued progress of the construction related activities for this construction contract, which will contribute to the efficient and timely delivery of this bridge replacement project.

File: 300180

Reference: 13AUG27-C-9

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### **ATTACHMENTS**

1. Vicinity Map
2. Contract Change Order No. 4