



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Public Works
Department No.: 054
For Agenda Of: September 20, 2016
Placement: Administrative
Estimated Time: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors
FROM: Department Scott D. McGolpin, Public Works Director, 568-3010
Contact Info: Chris Sneddon, Deputy Director, Transportation, 568-3064
SUBJECT: **Bonita School Road Bridge No. 51C-0230 Replacement Project; County Project No. 862367; Fifth Supervisorial District**

County Counsel Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

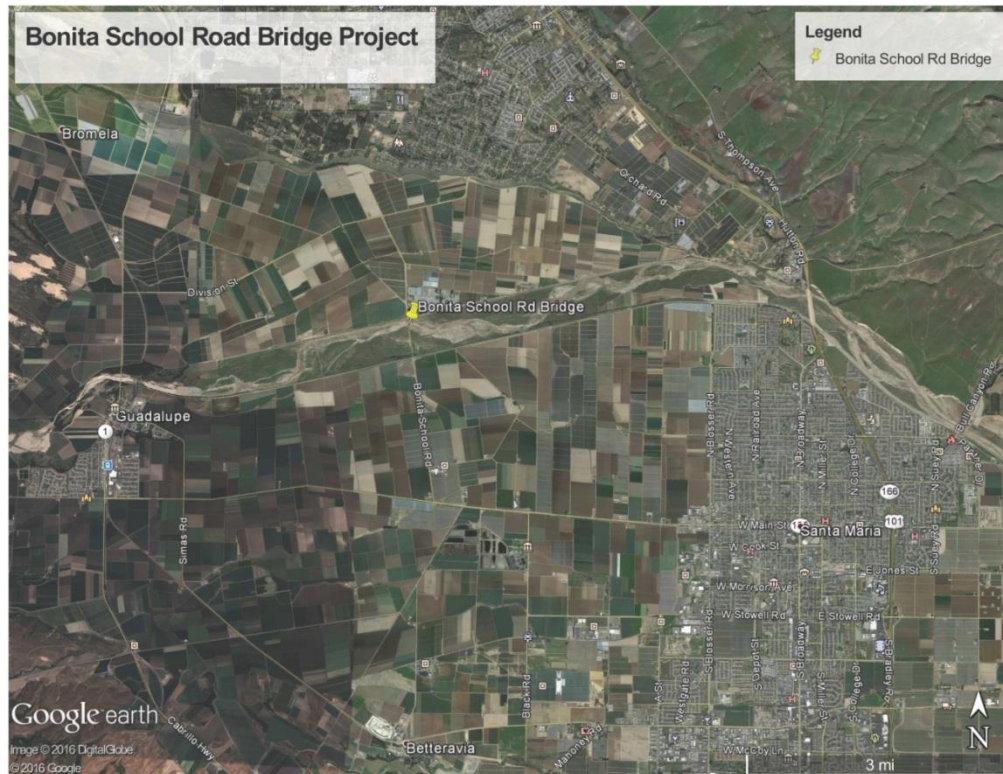
That the Board of Supervisors:

- a) Approve and authorize the Chair to execute a professional services contract for the bridge foundation design with Earth Mechanics, Inc.(not a local vendor), 17800 Newhope Street, Suite B, Fountain Valley, CA 92708, in the base contract amount of \$139,174.42, for professional engineering services for the Bonita School Road Bridge No. 51C-0230 Replacement Project, County Project No. 862367, Fifth Supervisorial District;
- b) Authorize the Director of Public Works or designee to approve amendments to the professional services contract with Earth Mechanics, Inc. in an amount not to exceed \$9,825.58; and
- c) Find that the proposed contract does not constitute a "Project" within the meaning of the California Environmental Quality Act pursuant to 14 CCR 15378 (b)(5) (Organizational or administrative activities of governments that will not result in direct or indirect physical changes in the environment), and approve and direct staff to file the attached Notice of Exemption on that basis.

Summary Text:

This item is on the agenda in order to award a professional engineering services contract to Earth Mechanics, Inc. to conduct geotechnical investigations and prepare bridge foundation reports. Public Works will use these reports in the design of a new bridge structure to replace the existing Bridge No. 51C-0230, which crosses the Santa Maria River along Bonita School Road.

On June 9, 2016, the Public Works Department solicited proposals from professional engineering firms to conduct geotechnical investigations and analysis and prepare preliminary and final foundation reports for the Bonita School Road Bridge No. 51C-0230 Replacement Project. On July 1, 2016, six (6) proposals were received. The proposals were evaluated by Public Works staff based on selection criteria defined in the request for proposal (RFP). Staff found that the Earth Mechanics, Inc. proposal was responsive, met the qualifications and experience required to perform the work, and was the top ranked proposal as defined by the RFP. Staff recommends awarding the contract to Earth Mechanics, Inc. on the basis of their demonstrated competence and professional qualifications.



Background:

Currently, Bonita School Road is a two-lane roadway with graded unpaved shoulders. Where Bonita School Road crosses the Santa Maria River, the river is roughly 2,300’ wide and is bounded by levees on each bank. The previous low water crossing was replaced with 323-foot long bridge superstructure composed from salvaged railroad flat car elements, with an approximately 2100-foot long elevated approach roadway embankment fill in the river channel. For the majority of the time, this crossing is dry and available to convey public traffic. During high flow events brought about by intense or extended storm cycles, this segment of the Bonita School Road embankment fill is breached with heavy construction equipment to prevent undue stress on the levee, making it impassable to traffic. The detour route for either traffic direction is approximately 13 miles using Bonita School Road, US Route 166, US Route 1 and Division Street in the County of San Luis Obispo.

The purpose of the Bonita School Road Bridge No. 51C-0230 Replacement Project is to replace the existing Bonita School Road Bridge and embankment crossing the Santa Maria River. The existing bridge is considered fracture critical due to cracks in welded steel support elements. Bonita School Road is an important haul route for the agricultural businesses on both sides of the Santa Maria River, and is an important alternative crossing to US Route 101 and US Route 1. A lengthy detour will be in effect should the bridge or embankment fail, causing heavy traffic impacts on the adjacent crossing points of the Santa Maria River. The proposed bridge construction would allow for safe crossing of the Santa Maria River under all weather conditions by residents and commercial traffic, and improve emergency access.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Total One-Time Project Cost</u>
Highway Bridge Program (HBP)	\$ 131,910.00
State Toll Credits	\$ 17,090.00
Total	\$ 149,000.00

Narrative:

The Preliminary Engineering phase of this project is funded by Federal Highway Bridge Program (HBP) funds and State Toll Credits utilized as matching funds. The funds are budgeted in Dept. 054, Fund 0017, Org. Unit 0600, Program 2830, and Account 7460 for FY 2016/2017.

Key Contract Risks:

There is moderate risk associated with this contract. The Preliminary Engineering phase of this project is funded in the FY 2016/17 budget.

Special Instructions:

Please forward the following items to Blair Gilbertson in the Public Works Department, Transportation Division, Engineering Section office, 123 E. Anapamu Street, Santa Barbara, at extension 3064:

- A certified, stamped Minute Order approving these recommendations
- One duplicate original executed contract (one original contract to remain on file with the Clerk of the Board)

Attachments:

Attachment A: Agreement for Services of Independent Contractor for Bonita School Road Bridge No. 51C-0230 Replacement Project, County Project No. 862367 (2 originals)

Attachment B: Notice of Exemption

Authored by:

Christian Doolittle, P.G., C.E.G., Project Manager, 739-8777