

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS  
ACTION AGENDA SUMMARY

DEPT: Public Works *mb*

BOARD AGENDA # \*C-2

Urgent  Routine

AGENDA DATE February 14, 2012

CEO Concurs with Recommendation YES  NO   
(Information Attached)

4/5 Vote Required YES  NO

SUBJECT:

Approval to Award a Contract for Bridge Engineering and Project Delivery Services to Nolte Vertical Five of Sacramento, California for the Tegner Road Bridge over Turlock Irrigation District (T.I.D.) Lateral 5 Bridge Replacement Project in Stanislaus County, Federal Project Number: BRLO-5938 (196)

STAFF RECOMMENDATIONS:

1. Award a contract for Bridge Engineering and Project Delivery Services to Nolte Vertical Five of Sacramento, California in the amount of \$300,273 for the Tegner Road over T.I.D. Lateral 5 Bridge Replacement Project.
2. Authorize the Director of Public Works to execute a contract with Nolte Vertical Five in the amount of \$300,273 and to sign necessary documents, including any amendments to the agreement not to exceed 10%.

FISCAL IMPACT:

At this time, \$330,300 is needed to fund the contract for Bridge Engineering and Project Delivery Services (\$300,273) and a contingency not to exceed 10% (\$30,027). The contingency is to be used for any amendments to the agreement per discretion of the Director of Public Works. An Authorization to Proceed (E-76) has been secured from Caltrans for the Preliminary Engineering (PE) phase of the project in the amount of \$87,500. These funds are Highway Bridge Program (HBP) funds with Toll Credits and are not sufficient to fund 100% (\$300,273) of the preliminary engineering. Therefore, a 6D Highway Bridge Replacement and Rehabilitation Program (HBRRP) Scope/Cost/Schedule (continued on Page 2)

BOARD ACTION AS FOLLOWS:

No. 2012-066

On motion of Supervisor Withdraw, Seconded by Supervisor Monteith  
and approved by the following vote,

Ayes: Supervisors: Chiesa, Withdraw, Monteith, De Martini, and Chairman O'Brien

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) X Approved as recommended

2) \_\_\_\_\_ Denied

3) \_\_\_\_\_ Approved as amended

4) \_\_\_\_\_ Other:

MOTION:

ATTEST: *Christine Ferraro Tallman*  
CHRISTINE FERRARO TALLMAN, Clerk

File No.

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**FISCAL IMPACT (continued):**

Change Request form will be submitted to Caltrans to secure the additional funding necessary. In the event the additional funding is not realized, the remainder of the project will be funded with existing road funds. These funds are available in the current fiscal year's Road Projects budget.

**DISCUSSION:**

The Tegner Road Bridge over T.I.D. Lateral 5 bridge replacement project is being proposed due to the structurally deficient bridge rating of 57.7, per the California Department of Transportation (Caltrans) Bridge Investigation Report (BIR). Bridges must be rated structurally deficient or functionally obsolete with a structural rating of less than 80 to be eligible for candidates for rehabilitation and in special cases for replacement. The Tegner Road Bridge was constructed in 1919 as continuous reinforced concrete (RC) slab on RC pier walls. The bridge is approximately 22 feet in length and 20 feet wide. The concrete rails have minor edge chipping, soffit cracking/chipping and there is exposed reinforcement in some locations. Also, the approach ways leading to the bridge have surface cracks, and the existing bridge has a narrow travel deck width. The bridge deck is 19.7 feet wide between the railings, allowing for two travel lanes with no shoulder on either side.

The scope of design services includes:

- Strategy determination and strategy report;
- Comprehensive project management services;
- Geotechnical investigation;
- Topographical survey;
- Comprehensive environmental services;
- Structural engineering services;
- Comprehensive civil engineering services;
- Traffic system design;
- Utilities design and relocation coordination;
- Comprehensive right of way services; and
- Bidding and construction support services.

On December 1, 2011, five proposals were submitted for review by various consulting firms. Public Works staff reviewed the proposals and selected Nolte Vertical Five of Sacramento, California as the most qualified consultant based on the results of the following evaluation criteria:

- Understanding of the work to be performed;
- Experience with similar projects;
- Qualifications and availability of staff;

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- Project schedule;
- Familiarity with State and Federal procedures;
- Demonstrated technical ability;
- Demonstration of professional and financial responsibility; and
- References.

All proposals were evaluated based on qualifications only. Along with the proposal, consultant fees were submitted in a separate sealed fee envelope and were not part of the evaluation process. A sealed fee envelope was opened only for the most qualified proposal. Below is a list of consultants that submitted proposals:

- Apex Civil Engineering
- Mark Thomas & Company, Inc.
- MGE Engineering, Inc.
- Nolte Vertical Five
- R.B. Welty & Associates

**POLICY ISSUES:**

The Tegner Road over T.I.D. Lateral 5 Bridge Replacement Project will meet the Board's priorities of providing A Safe Community, A Healthy Community, and A Well Planned Infrastructure System by replacing a deficient bridge in Stanislaus County.

**STAFFING IMPACT:**

There are no staffing impacts associated with this item

**CONTACT PERSON:**

Matt Machado, Public Works Director. Telephone: (209) 525-4130.

ES/sn

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ATTACHMENTS AVAILABLE  
FROM YOUR CLERK