

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

DEPT: Public Works *[Signature]*

BOARD AGENDA # *C-4

Urgent Routine

AGENDA DATE April 17, 2012

CEO Concurs with Recommendation YES NO
(Information Attached)

4/5 Vote Required YES NO

SUBJECT:

Approval to Award a Contract for Bridge Design Engineering Services to CH2MHill, Inc. of Sacramento, California, for the Seventh Street Bridge over the Tuolumne River Replacement Project in Stanislaus County, Federal Project Number: BRLS-5938(167)

STAFF RECOMMENDATIONS:

1. Award a contract for design engineering services to CH2MHill, Inc. of Sacramento, California, in the amount of \$3,320,928 for the Seventh Street Bridge over the Tuolumne River Replacement Project in Stanislaus County.
2. Authorize the Director of Public Works to execute a contract with CH2MHill, Inc., of Sacramento, California, in the amount of \$3,320,928 and sign necessary documents.
3. Authorize the Director of Public Works to execute change orders in accordance with the Public Contract Code, Section 20142.

FISCAL IMPACT:

The total contract amount is \$3,320,928 for the 100% Project Approval and Environmental Document (PA&ED) contract documents consisting of NEPA and CEQA approval. An authorization to Proceed (E-76) has been secured from Caltrans to begin the project PE phase in the amount of \$1,250,000. Additional Highway Bridge Program (HBP) funds in the amount of \$1,627,000 have been approved by Caltrans for programming in Fiscal Year 2012-2013. These funds will be available after the new Federal Fiscal Year in the fall of 2012. An additional \$63,018 of HBP funds will be requested in Federal Fiscal Year 2012-2013. If the requested funds do not materialize, the (continued on Page 2)

BOARD ACTION AS FOLLOWS:

No. 2012-167

On motion of Supervisor Chiesa, Seconded by Supervisor Withrow
and approved by the following vote,

Ayes: Supervisors: Chiesa, Withrow, 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:

[Signature: Christine Ferraro]

ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

File No.

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FISCAL IMPACT (continued):

local match would increase. The Highway Bridge Program will fund up to 88.53% (\$2,940,018) of the total PE cost. The remaining funding of \$380,910 is local match, shared equally with the City of Modesto per a Memorandum of Agreement dated April 5, 2011. The County's portion of the local match, including the possible increase, is available in the current year's Road Projects budget.

DISCUSSION:

The Seventh Street Bridge over the Tuolumne River is the lowest rated bridge within the 8 counties in District 10 of Caltrans. This bridge has a sufficiency rating of 2 on a scale from 1 to 100, with 100 being the best. Although the bridge is considered structurally sound for now, it is showing its age, as there is significant spalling, advanced signs of alkali silica reaction, exposed, deteriorating steel reinforcing, and considerable deflection at the cantilevered sections. This bridge has been weight restricted to 4 tons gross load since 1979. The original order weight restricting this bridge was signed by the State Department of Public Works in 1937. The bridge has been weight restricted from legal loads for 73 of the 94 years that the bridge has been in existence. The bridge is listed as structurally deficient.

On June 10, 2011, eight proposals were submitted for review by the consulting firms listed below. A review panel made up of City, Caltrans and County staff reviewed the eight submitted proposals. All proposals were evaluated based on qualifications only. Based upon the scoring of the proposals, the top five ranked firms were invited back to selection interviews on July 15, 2011. Below is a list of consultants that submitted proposals:

- AECOM
- CH2MHill
- Dokken Engineering
- HDR Engineering, Inc.
- Jacobs Engineering Group, Inc.
- Parsons
- Rappajan & Meyer
- URS

Proposals were evaluated based on the following criteria:

- Understanding of the work to be performed;
- Qualifications and availability of staff;
- Project schedule;
- Familiarity with State and Federal procedures;
- Demonstrated technical ability;
- Demonstration of professional and financial responsibility; and
- References.

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The top five consulting firms as listed below were interviewed and ranked by representatives of the City, County, and Caltrans.

- CH2MHill
- Dokken Engineering
- HDR Engineering, Inc.
- Jacobs Engineering Group, Inc.
- Parsons

The scope of Project Approval and Environmental Document (PA&ED) services includes:

The scope of services will consist of the 100% Project Approval and Environmental Document (PA&ED) contract documents consisting of NEPA and CEQA approval. Engineering reports, plans, and cost estimates in support of and necessary for completion of the PA&ED are part of the scope of services. The scope of services will also include the necessary environmental studies and work scopes to assist the City and County to obtain required State and Federal environmental permits and authorizations. All work shall comply with the Local Assistance Procedures Manual (LAPM) for bridge projects and with current Caltrans Standard Environmental Reference (SER) procedures.

The scope of Project physical improvements includes, but is not limited to:

- Mitigation of potential scour issues on the existing bridge;
- Liquefaction prevention;
- Bridge rehabilitation of the existing structure or replacement;
- Approach roadway modification;
- Utility adjustments;
- Providing adequate storm drain runoff control; and
- Erosion abatement.

The committee reviewed and scored the firm's presentations and selected CH2MHill, Inc. of Sacramento, California as the most qualified consultant based on the results of the above evaluation criteria. Along with the proposal submitted back on June 10, 2011, 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 winning proposal. The Department requests the approval to award the contract for design engineering services for the Seventh Street Bridge over the Tuolumne River Replacement Project to CH2MHill, Inc.

POLICY ISSUES:

The Seventh Street Bridge over the Tuolumne River Project will meet the Board's priorities of providing A Safe Community, A Healthy Community, and A Well Planned Infrastructure System by improving public safety in this area of Stanislaus County.

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STAFFING IMPACT:

There are no staffing impacts associated with this item.

CONTACT PERSON:

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

DH:sn

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ATTACHMENTS AVAILABLE
FROM YOUR CLERK