



City of Placerville
Public Works / Engineering
MEMORANDUM

DATE: May 13, 2008

TO: City Council

FROM: Rick Tippet, City Engineer

SUBJECT: **CONCEPTUAL APPROVAL OF A CONTRACT WITH DOKKEN ENGINEERING TO PROVIDE PLANS, SPECIFICATIONS, AND ESTIMATE (PS&E) SERVICES FOR WESTERN PLACERVILLE INTERCHANGE (CIP #40705)**

RECOMMENDATION

Adopt a Resolution:

1. Conceptually approving a Consulting Services Agreement with Dokken Engineering in the amount of \$3,273,000 to prepare 35% design for the Western Placerville Interchanges Project and to prepare PS&E for a first Phase construction project; and,
2. Authorizing the City Manager to execute the same after the City receives notification from Caltrans that the Federal Authorization to Proceed and obligation of funds has been received and a pre-award audit is complete; and
3. Authorizing a \$16,072 budget liquidation from the original \$1,000,000 Federal appropriation; and
4. Authorizing a \$240,000 budget liquidation from the original \$2,400,000 SAFETEA-LU Federal Earmark; and
5. Authorizing a \$360,000 budget appropriation of STIP revenues; and
6. Authorize a \$180,000 budget appropriation from the TIM Fee Fund.

BACKGROUND

A consultant selection process was conducted by the City in 2002; and, based on that "Request for Proposals" process; Dokken Engineering was retained in 2003 to complete the Project Approval and Environmental Document (PA&ED) Phase for this project with the option to continue with the PS&E Phase if the City so chose. The Draft EIR was circulated in September 2005; and, at its October 11, 2005, hearing the City Council selected Alternative D as the tentative preferred alternative. The Final Environmental Document was approved in May 2006 with a Finding of No Significant Impact (FONSI). Dokken Engineering completed the Draft Project Report with approval by Caltrans in September 2005, and successfully completed the Final Project Report, receiving final Caltrans approval on January 15, 2008. Staff subsequently requested and has received a proposal and scope of work from Dokken Engineering to continue into the PS&E Phase. Staff is now recommending that Council execute an agreement with Dokken Engineering to proceed with the initial phases of the PS&E process in accordance with the April 2008 Scope of Work for PS&E services from Dokken Engineering, Folsom, California.

Over the last several years, the City, through the efforts of Congressman John Doolittle, has been successful in obtaining a \$983,928 appropriation and a \$2.2 million SAFETEA-LU earmark for this project. The Federal earmark requires a 20% local match, which is provided through a \$360,000 STIP allocation through the El Dorado County Transportation Commission, and \$180,000 in local TIM fee funds.

DISCUSSION

The Project Report identifies a construction phase cost estimate of \$39.8 million for alternative D, and it is unlikely that this level of funding will be available to construct the entire project in one phase. Dokken Engineering proposes to advance the entire project but deliver cost effective increments that maintain the purpose and need of the project, and are consistent with the approved environmental document, while also being sized to fit anticipated construction revenue cash flow. The project approach identifies major milestones and provides the City with flexibility to identify those improvements most needed for early advancement and to adjust the size of the construction packages to better align with the timing of available funding. Milestone 1 would provide 35% Plans and Estimate for Alternative D, milestone 2 would identify project delivery phasing options, and milestone 3 would prepare PS&E for the Phasing option selected in milestone 2. Future milestones (Phase 2) would include construction support during the milestone 3 project construction, preparation of full PS&E for the ultimate project, and construction support for that final phase.

Dokken Engineering is proposing Elizabeth Diamond as their Project Manager, directing their in-house senior roadway and bridge engineers, staff engineers, and a team of six sub consultants. Sub consultants include: REY Engineers, Inc. for surveying/mapping/right-of-way engineering; CVS & Associates, Inc. for Value Analysis; Reid Middleton, Inc. for Roundabout Design; Fehr & Peers, Inc. for Traffic Analysis/Signal & Lighting; Orsee Design Associates for landscaping; and Bender Rosenthal, Inc. for right-of-way appraisal and acquisition services.

Each milestone in Phase 1 is broken down into a number of tasks for ease of contract administration, scheduling, and progress payment purposes. Milestone 1 is proposed to be completed in March 2009, Milestone 2 in April 2009, and Milestone 3 is proposed to be completed by November of 2010. The costs have been broken down in the cost proposal as follows:

Project management	\$ 156,000
Milestone 1	\$ 824,000
Milestone 2	\$ 52,000
Milestone 3	<u>\$2,241,000</u>
Total	\$3,273,000

Future construction support and design services during Phase 2 is estimated to cost \$1,701,000. A critical part of this PS&E process will be the selection of a phasing option that will provide significant operational improvements while keeping within the available funding constraints. The approved Project Report identified a reduced scope Phase 1 project that satisfies the 20-year traffic design volumes and has an estimated construction phase cost of \$23.6 million verses the \$39.8 million estimated for the entire project. Since this reduced scope project likely still exceeds funding available at the time a project could advance to construction, Dokken is proposing

milestone 2 to develop and evaluate up to three interim options for Alternative D that satisfy construction year plus 10-year traffic design volumes. The timing and components of such an option could require additional environmental analysis and documentation. The milestone 3 cost proposal is based on Phase 1 as defined in the Project Report, and should a different option be selected the scope of services and cost proposal can be adjusted accordingly.

FISCAL IMPACT

The City Council adopted the Fiscal Year 2006/2007 Capital Improvement Program Budget, which appropriated \$3,400,000 for the Western Placerville Drive Interchange (PS&E Phase) project (CIP #40705). Since the project budget was adopted, the proposed revenue sources have changed slightly. The following is a summary of revenues sources for the original project budget as compared to the proposed project budget:

Funding Source	Original Project Budget	Proposed Project Budget	Difference
Federal Appropriation	\$ 1,000,000	\$ 983,928	\$ (16,072)
SAFETEA-LU Earmark	2,400,000	2,160,000	(240,000)
STIP	-	360,000	360,000
TIM Fee Fund	-	180,000	180,000
Total	\$ 3,400,000	\$ 3,683,928	\$ 283,928

As mentioned above, the proposed project budget includes a \$983,928 Federal appropriation and a \$2,160,000 SAFETEA-LU Federal Earmark, which requires a \$540,000 local match. The proposed revised project budget includes \$360,000 in STIP revenue and \$180,000 from the TIM Fee Fund as the source of the City's \$540,000 local match. The \$983,928 Federal appropriation does not require a local match. Staff anticipates the City will be eligible to submit reimbursement requests to Caltrans for the SAFETEA-LU Federal Earmark, Federal appropriation, and STIP revenue in the near future.

The TIM Fee Fund currently has a \$398,791 unencumbered fund balance. So the proposed \$180,000 budget appropriation from the TIM Fee Fund is well within the unencumbered fund balance. Staff is recommending \$283,928 in budget revisions as follows:

Description	Original Project Budget	Proposed Project Budget	Difference
Architecture/Engineering	\$ 2,400,000	\$ 2,400,000	\$ -
Right-of-Way Acquisition	800,000	800,000	-
Admin. Inspection/Testing	200,000	200,000	-
Contingency	-	283,928	283,928
Total	\$ 3,400,000	\$ 3,683,928	\$ 283,928

To date, the project has encumbered the following agreements:

Dokken (Proposed)	\$ 3,273,000
Dokken	4,129
Susanna Aaltonen	3,225
Engineering Staff	140
Total	<u>\$ 3,280,494</u>

As you can see, the \$3,280,494 encumbered agreements, including the \$3,273,000 proposed agreement with Dokken, is well within the proposed \$3,683,928 project budget. Tonight, staff respectfully requests the City Council to authorize the proposed agreement with Dokken Engineering and the proposed project budget revisions.

Prepared by:

Approved

Rick Tippet
City Engineer

Randy Pesses
Director of Public Works

Reviewed for Recommendation
And Approved for Agenda

Reviewed for Financial Impact

John Driscoll
City Manager/ City Attorney

Dave Warren
Director of Finance

Attachments: Resolution
Agreement and Scope of Services

RESOLUTION NO. _____

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PLACERVILLE,
APPROVING A CONSULTING SERVICES AGREEMENT WITH DOKKEN
ENGINEERING IN THE AMOUNT OF \$3,273,000 FOR PHASE I (MILESTONES 1
THROUGH 3) TO PROVIDE PLANS, SPECIFICATIONS, AND ESTIMATE (PS&E)
SERVICES FOR DESIGN OF WESTERN PLACERVILLE INTERCHANGES
PROJECT AND AUTHORIZING CITY MANAGER TO EXECUTE SAME**

WHEREAS, the City of Placerville established a CIP project (40321) to improve the Western Placerville Interchanges; and,

WHEREAS, it has been determined that the subject bridge project is funded through a combination of Federal, State, and local funds; and,

WHEREAS, to be eligible for funding, the project must be administered by the City, and the local match will be funded budgeted local funds and the City's traffic impact mitigation fee program; and,

WHEREAS, the City has entered into a consulting services agreement with Dokken Engineering, (Consultant) to perform the preliminary engineering and environmental analysis for the subject interchange project; and,

WHEREAS, the City has requested a proposal from Dokken for PS&E services and has determined that Dokken has the training, experience, expertise, and competence to perform the special services required hereunder and City has determined that such representations are accurate and reliable; and,

WHEREAS, it is the intent of the parties hereto that such services be in conformity with all applicable Federal, State, and local laws; and,

WHEREAS, City has determined that the provisions of these services provided by the Consultant are in the public's best interest and that these services, are more economically and feasibly performed by outside independent Consultants; and,

WHEREAS, the Consulting Services Agreement contains provisions that restrict the Consultant from engaging in any tasks under the Scope of Services or incurring charges until Federal Authorization to Proceed has been received by the City, and sufficient Federal and State funds have been obligated to the Project and a pre-award audit is complete.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Placerville, does hereby:

1. Conceptually approve a Consulting Services Agreement with Dokken Engineering for Phase I work (milestones 1 through 3) on the Western Placerville Interchanges Project in an amount not to exceed \$3,273,000; and,
2. Authorizes the City Manager to execute same pending receipt of notification from Caltrans of Federal Authorization to Proceed and obligation of funds; and,
3. Authorizes a \$16,072 budget liquidation from the original \$1,000,000 Federal appropriation; and,
4. Authorizes a \$240,000 budget liquidation from the original \$2,400,000 SAFETEA-LU Federal Earmark; and,
5. Authorizes a \$360,000 budget appropriation of STIP revenues; and,
6. Authorizes a \$180,000 budget appropriation from the TIM Fee Fund.

The foregoing Resolution was moved for adoption at a regular meeting of the City Council of the City of Placerville held on May 13, 2008, by Councilmember _____. The motion was seconded by Councilmember _____. A poll vote was taken which stood as follows:

AYES:

NOES:

ABSENT:

ABSTAIN:

Mayor Carl Hagen

ATTEST:

Susan Zito, City Clerk