



**RESOURCE
MANAGEMENT AGENCY
COUNTY OF TULARE
AGENDA ITEM**

BOARD OF SUPERVISORS

ALLEN ISHIDA
District One

PETE VANDER POEL
District Two

PHILLIP A. COX
District Three

J. STEVEN WORTHLEY
District Four

MIKE ENNIS
District Five

AGENDA DATE: January 31, 2012

| | | |
|---|---|---|
| Public Hearing Required | Yes <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Scheduled Public Hearing w/Clerk | Yes <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Published Notice Required | Yes <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Advertised Published Notice | Yes <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Meet & Confer Required | Yes <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Electronic file(s) has been sent | Yes <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |
| Budget Transfer (Aud 308) attached | Yes <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Personnel Resolution attached | Yes <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s) | Yes <input checked="" type="checkbox"/> | N/A <input type="checkbox"/> |

CONTACT PERSON: Celeste Perez PHONE: (559) 624-7010

SUBJECT: First Amendment to Agreement No. 24457 with Cornerstone Structural Engineering Group, Inc.

REQUEST(S):

That the Board of Supervisors:

1. Approve an amendment to Agreement No. 24457 with Cornerstone Structural Engineering Group, Inc. for final engineering for plans, specifications and estimate, amending the scope of services required, extending the time to complete services under this agreement to December 31, 2014, and amending the total not to exceed amount of the agreement downward from \$1,564,437 to \$1,468,184, retroactive to September 2, 2011, due to the time required to negotiate with Cornerstone Structural Engineering Group, Inc;
2. Find that the Board had authority to enter into the proposed agreement as of September 2, 2011, and that it was in the County's best interest to enter into the agreement on that date; and
3. Authorize the Chairman to sign the agreement amendment subject to review and approval as to form by County Counsel.

SUMMARY:

On March 2, 2010, the County entered into an agreement with Cornerstone Structural Engineering Group, Inc. to prepare the final engineering plans, specifications, and estimate (PS&E) for the Avenue 416 Kings River Bridge project (Tulare County Agreement Number 24457). The project will include the construction of a new 4 lane bridge to replace the existing functionally obsolete 2 lane structure. The replacement of the existing bridge was approved by your Board

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DATE: January 31, 2012

on February 26, 2008.

The final plans, specifications and estimate are almost complete and the project is almost ready to advertise. The federal authorization to proceed (E-76) with the construction phase for this project was received on August 29, 2011. Environmental constraints and historical low flows in the Kings River dictate that the ideal time to begin construction for this project is around the beginning of September; as such construction is scheduled to begin in September of 2012.

The Consultant provided additional engineering services to the PS&E beyond the scope of the original agreement. These additional services were required by the relevant state agencies approving the plans. The additional engineering services included additional design engineering and environmental monitoring.

In addition to additional engineering services completed, the Consultant is also required to address any future technical issues on the PS&E generated by the County, Caltrans and/or the permitting agencies required to finalize the PS&E prior to advertising for construction bids, and to provide engineering support during construction of the project. The County will provide the majority of the construction engineering on the project, including construction management, and will be responsible for the day to day inspections during construction of the project.

The County recently added a licensed structural engineer to the engineering staff, with specialized experience in bridge design and construction. The licensed structural engineer will serve as the senior structure's representative on the project responsible for the day to day inspections during bridge construction. As the engineer of record, the Consultant will be retained to answer any technical questions related to the design of the project brought up during construction, including performing any redesign and plan details as necessary at the request of the County.

To perform these additional services, an amendment is required to the original agreement between the Consultant and the County. The amendment will include an amended scope as briefly described above, a revised schedule extending the agreement to include services during construction, and a revised budget to account for the additional services described above and to reflect a credit to the County for "Optional Services" included in the original agreement that were not utilized.

The amendment will be retroactive to September 2, 2011, the date which the existing agreement expired. A retroactive agreement is required due to the time that was required to negotiate the scope and fee for the additional work and construction engineering services for this project between the County, Cornerstone, and Caltrans.

FISCAL IMPACT/FINANCING:

There is no General Fund money being used for this project.

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The Federal Highway Administration has authorized a total of \$21,455,000 towards the preliminary engineering (which includes final engineering and the PS&E), right-of-way and construction phases of this project, broken down as follows:

| | |
|---|------------------|
| Federal Funds via Highway Bridge Program (HBP): | \$18,994,111 |
| State Funds via Proposition 1B: | 521,885 |
| Local Funds via Measure R | <u>1,939,004</u> |
| Total | \$21,455,000 |

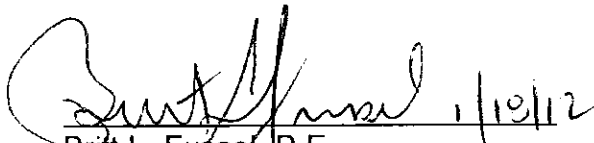
Expenditure for this project will be under budget line 014-225-2300-2150.

The fee in the original agreement with the Consultant was for a total not-to-exceed fee of \$1,564,437. The original agreement included five "Optional Tasks" totaling \$316,666 in fees. Of these five optional tasks, only two tasks were authorized for a total of \$101,750. The Consultant will require a total of \$118,663 in fees for the amended scope of work described above, resulting in a total net reduction to the County of \$96,253 from the original contract amount. The Consultant's fee will be amended from a total not-to-exceed fee of \$1,564,437 to a total not-to-exceed fee of \$1,468,184.

LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:

This project will enhance the safety and security of the public by improving the transportation infrastructure for both the general population in the region and the motorists using this facility.

ADMINISTRATIVE SIGN-OFF:


Britt L. Fussel, P.E.
Assistant Director—Public Works
County Surveyor

BLF:km:br
Cc: Auditor-Controller
County Counsel
County Administrative Office (2)

Attachment A – Project Vicinity Map
Attachment B – First Amendment to Agreement No. 24457

**BEFORE THE BOARD OF SUPERVISORS
COUNTY OF TULARE, STATE OF CALIFORNIA**

IN THE MATTER OF THE FIRST)
AMENDMENT TO AGREEMENT NO. 24457) Resolution No. _____
WITH CORNERSTONE STRUCTURAL) Agreement No. _____
ENGINEERING GROUP, INC.)

UPON MOTION OF SUPERVISOR _____, SECONDED BY
SUPERVISOR _____, THE FOLLOWING WAS ADOPTED BY THE BOARD
OF SUPERVISORS, AT AN OFFICIAL MEETING HELD JANUARY 31, 2012, BY THE
FOLLOWING VOTE:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST: JEAN M. ROUSSEAU
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: _____
Deputy Clerk

* * * * *

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2. Found that the Board had authority to enter into the proposed agreement as of September 2, 2011, and that it was in the County's best interest to enter into the agreement on that date; and
3. Authorized the Chairman to sign the agreement amendment subject to review and approval as to form by County Counsel.

Attachment A

