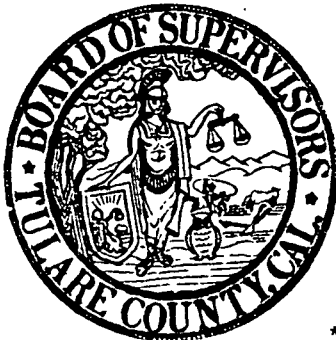


BEFORE THE BOARD OF SUPERVISORS COUNTY OF TULARE, STATE OF CALIFORNIA

IN THE MATTER OF FIRST AMENDMENT)
TO AGREEMENT NO. 26847 WITH) Resolution No. 2018-0465
DOKKEN ENGINEERING FOR THE D129) Agreement No. 26847-A
SAND CREEK BRIDGE PROJECT)

UPON MOTION OF SUPERVISOR ENNIS, SECONDED BY SUPERVISOR
VANDER POEL, THE FOLLOWING WAS ADOPTED BY THE BOARD OF
SUPERVISORS, AT AN OFFICIAL MEETING HELD JUNE 12, 2018, BY THE
FOLLOWING VOTE:

AYES: SUPERVISORS CROCKER, VANDER POEL, SHUKLIAN, WORTHLEY,
AND ENNIS
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE



ATTEST: MICHAEL C. SPATA
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: Mary Ravello
Deputy Clerk

* * * * *

1. Approved the First Amendment to Agreement No. 26847 with Dokken Engineering to increase the original contract amount by \$89,497.56 for Environmental Construction Support Services for the D129 Sand Creek Bridge Project; and
3. Authorized the Chairman to sign the First Amendment to Agreement No. 26847.

RMA

HAR
06/12/2018



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

BOARD OF SUPERVISORS

KUYLER CROCKER
District One

PETE VANDER POEL
District Two

AMY SHUKLIAN
District Three

J STEVEN WORTHLEY
District Four

MIKE ENNIS
District Five

AGENDA DATE: June 12, 2018

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"/>
County Counsel Sign-Off	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Contract via Streamline	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. 26847 with Dokken Engineering for the D129 Sand Creek Bridge Project

REQUEST(S):

That the Board of Supervisors:

1. Approve the First Amendment to Agreement No. 26847 with Dokken Engineering to increase the original contract amount by \$89,497.56 for Environmental Construction Support Services for the D129 Sand Creek Bridge Project; and
2. Authorize the Chairman to sign the First Amendment to Agreement No. 26847.

SUMMARY:

On January 9, 2014, Tulare County received federal authorization to proceed with the engineering and environmental document phase for the D129 Sand Creek Bridge Project (Br. No. 46C-0187).

The existing D129 Sand Creek Bridge is in need of replacement for several reasons, including but not limited to: 1) D129 is a two lane road but the bridge is a one lane structure, and does not meet current engineering standards for bridge width; 2) the bridge has been classified as Scour Critical and bridge foundations have been determined to be unstable for assessed or calculated scour, and; 3) the bridge was constructed in 1938 and is experiencing advanced concrete degradation, spalling and cracking throughout the structure. The project is located

SUBJECT: First Amendment to Agreement No. 26847 with Dokken Engineering for the D129 Sand Creek Bridge Project

DATE: June 12, 2018

on D129 (Roller Drive) over Sand Creek approximately 0.25 miles east of State Route 63.

The County, in cooperation with the California Department of Transportation (Caltrans), proposes to replace the existing structure with an approximately 70-foot long by 35-foot wide, two lane bridge to provide improved safety and operations on the facility. Minor improvements to Road D129 leading up to the bridge will take place as part of the bridge replacement project.

The Federal Highway Administration (FHWA) has delegated authority for administering the Highway Bridge Program (HBP) funds in California to Caltrans. As such, the selected alternative for this project must meet Caltrans and FHWA requirements.

On March 27, 2018, Tulare County received federal authorization to proceed with the construction phase of this project, granting County staff ability to procure all required services related to construction. This contract amendment includes the additional scope and fee required by Dokken Engineering to perform environmental construction support services prior, during and following construction of the new Sand Creek Bridge. Services include pre-construction surveys, environmental monitoring, environmental awareness training, and preparation/completion of the Environmental Commitment Record (ECR).

Note that although this amendment proposes to increase the fee for services provided by Dokken Engineering by \$89,497.56, this total conservatively assumes construction extending beyond the anticipated completion date (December 1st, 2018). If construction stays on schedule, Dokken will only need \$36,615.27 to complete their work. If the construction schedule is delayed, the County has a reserve of \$52,882.28 in optional services for up to 50 additional on-site monitoring days for California Tiger Salamander (per the requirements outlined in California Department and Wildlife's Streambed Alteration Agreement).

The amendment will increase the contract amount by \$89,497.56 to cover all previously described changes to the original project scope, bringing the new not to exceed dollar amount for services by Dokken Engineering, to \$163,497.56.

The additional items of work identified under this agreement amendment will be performed under the same terms and conditions as in the original agreement, unless otherwise stated.

FISCAL IMPACT/FINANCING:

There is No Net County Cost to the General Fund.

The initial contract with Dokken Engineering for the D129 Sand Creek Bridge Project was approved by your Board in the amount of \$74,000 (Tulare County Agreement No. 26847).

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DATE: June 12, 2018

The additional environmental construction support services, in the amount of \$89,497.56, will be fully funded by the Federal Highway Administration (FHWA) through the Highway Bridge Program (HBP) with the use of "toll credits."

LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:

Safety and Security and Economic Well Being – 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:



Reed Schenke, P.E.
Director

RS:jv

cc: County Administrative Office

Attachment(s): Attachment A – First Amendment to Agreement No. 26847 with Dokken Engineering for the D129 Sand Creek Bridge Project



Road D129 over Sand Creek Bridge Project

ENVIRONMENTAL SCOPE OF SERVICES – CONSTRUCTION SUPPORT

Dokken Engineering will incorporate all conditions promised in the environmental document and agency permits/agreements into the final constructed project in a manner that allows construction work to progress smoothly while avoiding delays or change orders.

Dokken Engineering will perform all environmental construction support and coordination, which will include the following:

TASK 1. PRE-CONSTRUCTION SURVEYS

Task 1.1. Nesting Bird and Raptor Survey

Dokken Engineering biologists would conduct a pre-construction nesting bird and raptor survey consistent with the requirements of Avoidance and Minimization Measure 2.4 (b) of the Final Lake or Streambed Alteration Agreement issued for this project and with Measure BIO-6 of the Final CEQA Categorical Exemption. All areas within 500 feet of the Project Area would be surveyed for presence of nesting raptors and all areas within 250 feet of the Project Area would be surveyed for presence of any nesting bird. The nesting bird survey shall be conducted within 7 days prior to the start of construction. If nesting birds are observed within the survey area, Dokken Engineering would map the location of the nest and coordinate with CDFW to determine appropriate buffer distances. The results of the nesting bird and raptor survey will be documented in a survey memorandum that will be submitted to the County and CDFW prior to project initiation.

Task 1.2. Special Status Species Survey

Dokken Engineering biologists would conduct a pre-construction special status species survey consistent with the requirements of Avoidance and Minimization Measure 2.3 (a) of the Final Lake or Streambed Alteration Agreement issued for this project. The survey would focus on California tiger salamander (CTS) but would also include all state or federally listed species with potential of occurring within the project area. The results of the special status species survey will be documented in a survey memorandum that will be submitted to the County and CDFW prior to project initiation.

Task 1.3. California Tiger Salamander Burrow Mapping

Dokken Engineering biologists would survey for and map all fossorial mammal burrows within the project area and a 50-foot buffer consistent with the requirements of Avoidance and Minimization Measure 2.3 (b) of the Final Lake or Streambed Alteration Agreement issued for this project. The location of each burrow and a 50-foot protective buffer would be mapped with GPS and marked on site with flagging. The results of California Tiger Salamander Burrow Mapping will be documented in a GIS map and included with a survey memorandum that will be submitted to the County and CDFW prior to project initiation.



TASK 2. CONSTRUCTION SUPPORT

Construction support tasks assume 20 working days per month, and 99 total working days (5 months total construction duration). Construction is assumed to start on July 1st, 2018 end by December 1st, 2018. Full time CTS monitoring is required during the species' active season defined by the California Department of Fish and Wildlife as November through May; therefore, it is assumed that approximately 80 working days would occur outside of the CTS active season and 19 working days would occur during the CTS active season.

Task 2.1. Environmental Awareness Training

Dokken Engineering staff would prepare training materials and provide environmental awareness training to inform all construction personnel of pertinent environmental commitments. Environmental trainings will include specific project information for each resource and will be given in accordance with the appropriate agency standards. It is assumed that environmental awareness training would be provided no more than four (4) times during the CTS inactive season (June - October) to accommodate for crew changes during construction. During the CTS active season, the full-time biological monitor would assume training responsibilities.

Task 2.2. Periodic Environmental Compliance Monitoring

Dokken Engineering staff would provide periodic environmental compliance monitoring during construction. Compliance with environmental measures would be documented by the environmental monitor in the Environmental Commitments Record (ECR) which would include all measures from the CEQA and NEPA documents as well as all regulatory environmental permits. Following construction, the completed ECR would be submitted as part of permit closeout packages to the regulatory agencies to document project compliance with environmental commitments. Periodic environmental compliance monitoring would be completed approximately monthly during the CTS inactive season (June - October). During the CTS active season, the full-time biological monitor would assume environmental compliance monitoring responsibilities.

Task 2.3. Full Time California Tiger Salamander Monitoring

Dokken Engineering biologists would provide full time CTS monitoring during the CTS active season (November - May) as required by Avoidance and Minimization Measure 2.3 (b) of the Final Lake or Streambed Alteration Agreement issued for this project. In addition to monitoring the construction site for CTS activity, the full-time monitor would assume environmental awareness training and environmental compliance monitoring during this time. It is assumed that the project would require 19 working days of full time CTS monitoring during the months of November through March.

Task 2.4. Post Construction Permit Closeouts

Dokken Engineering will document post construction site conditions and submit project closeout notifications as required by environmental permits. The Permit Closeout packages will contain before and after site photographs, the completed ECR, and a statement that the project was completed in accordance with the commitments set forth in the environmental permits.



Task 2.5 Additional California Tiger Salamander Monitoring (OPTIONAL)

It is assumed that only 19 working days of full time CTS monitoring will be needed; however, if construction delays occur, this task allows up to 50 additional monitoring days, if needed. Dokken shall not commence performance of these optional tasks until the specific notification to proceed has been issued. Tulare County will not pay for any work performed on this optional task prior to the issuance of the specific notice to proceed.

Exhibit B - 1
Cost Summary

Environmental Construction Support Road D129 Sand Creek Bridge

Cost Proposal with Estimated Labor Hours & Cost
May 17, 2018

Task Description	DOKKEN ENGINEERING						
	Environmental QA/QC	Senior Environmental Planner	Associate Environmental Planner	Environmental Planner/Biologist	TOTAL HOURS	OTHER DIRECT COST	TOTAL COST
Billing Rates	\$232.50	\$156.93	\$122.06	\$98.81			
TASK 1.0 - Pre-Construction Surveys	2	4	24	28	58		\$6,788.88
1.1 Nesting Bird and Raptor Survey	1	2	10	12	25		\$2,952.70
1.2 General Wildlife Survey			4	4	8		\$883.48
1.3 California Tiger Salamander Burrow Mapping	1	2	10	12	25		\$2,952.70
TASK 2.0 - Construction Support	8	44	206	438	696	\$5,520	\$82,708.67
2.1 Environmental Awareness Training	2	4	12	12	30		\$3,743.19
2.2 Periodic Environmental Compliance Monitoring	4	8	12	12	36		\$4,035.92
2.3 Full Time California Tiger Salamander Monitoring		10	50	110	170	\$1,520	\$20,061.56
2.4 Post Construction Permit Closeouts	1	2	2	4	9		\$1,185.73
2.5 Additional Full Time CTS Monitoring (OPTIONAL)	1	20	130	300	451	\$4,000	\$52,882.28
TOTAL BASE HOURS	9	28	100	166	303		
TOTAL BASE COST	\$2,092	\$4,394	\$12,206	\$16,403		\$1,520	\$36,615.27
TOTAL OPTIONAL HOURS	1	20	130	300	451		
TOTAL OPTIONAL COST	\$232	\$3,139	\$15,868	\$29,643		\$4,000	\$52,882.28
GRAND TOTAL HOURS	10	48	230	466	754		
GRAND TOTAL COST	\$2,325	\$7,533	\$28,074	\$46,046		\$5,520	\$89,497.56

