



**Resource Management
Agency
COUNTY OF TULARE
AGENDA ITEM**

BOARD OF SUPERVISORS

KUYLER CROCKER
District One
PETE VANDER POEL
District Two
AMY SHUKLIAN
District Three
EDDIE VALERO
District Four
DENNIS TOWNSEND
District Five

AGENDA DATE: June 2, 2020

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: Agreement with Dokken Engineering for Engineering Services for the M109 over White River Bridge Project

REQUEST(S):
That the Board of Supervisors:

1. Approve an Agreement with Dokken Engineering to provide Professional Engineering Consulting Services for the M109 over White River Bridge Project, located near the community of Fountain Springs, in an amount not to exceed \$452,626.92, for the period of June 2, 2020 to December 31, 2026; and
2. Authorize the Chair to sign the Agreement with Dokken Engineering.

SUMMARY:
The Mountain Road 109 (M109) over White River Bridge Project (Project) is located approximately eight (8) miles southeast of Fountain Springs. The existing structure was constructed in 1939, and qualifies to receive federal funding for replacement due to the old age of the bridge, non-standard geometric configuration of the structure in relation to the approach roadway (Functionally Obsolete), and very low sufficiency rating of 4.5 (Structurally Deficient). It is anticipated that the proposed bridge will consist of an approximately 75-foot long by 32-foot wide single or multi-span precast/cast-in-place concrete or steel girder bridge (structure type to be determined during the preliminary engineering phase). A consultant team, managed by Dokken Engineering, will lead the engineering effort upon approval of this agreement.

The County is the lead agency for the Project. The Project will be fully reimbursed through a combination of Federal Highway Bridge Program (HBP) and local Measure

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R funds. On July 17, 2018, Tulare County received federal authorization to proceed with the Preliminary Engineering (PE) phase of the Project.

In April of 2019, the Resource Management Agency (RMA) issued a Request for Proposal (RFP) for qualified firms to provide professional engineering consulting services for the Project. On May 17, 2019, RMA received seven (7) proposals from interested engineering firms including:

1. NCM Engineering
2. TRC
3. Cornerstone Structural Engineering Group
4. Drake Haglan and Associates
5. Dokken Engineering
6. Moffatt and Nichol
7. Quincy Engineering

The Project is federally funded by the Federal Highway Administration (FHWA) and must meet all federal requirements; therefore, proposals were reviewed based on the following criteria recommended per the Caltrans' Local Assistance Procedures Manual (LAPM):

- Experience with similar projects
- Understanding of the work to be performed and project approach
- Quality of staff and demonstrated technical ability
- Capability of developing innovative solutions
- Financial responsibility and availability
- Overall impression and responsiveness

To comply with federal requirements (for federally funded projects) and with state law, consultant selection was based solely on qualifications and the criteria described above. Cost and office location of the consultants could not be considered.

The proposals were independently reviewed by a five (5)-member panel of staff from RMA and Kings County. After review of the proposals the top three firms, consisting of Dokken Engineering, NCM Engineering, and Quincy Engineering, were shortlisted and interviewed by the same panel. The interviews were scored based on slightly different criteria consisting of the following:

- Understanding of the work to be performed
- Experience with similar kinds of work
- Innovative solutions
- Answers to panel questions

After interviewing all shortlisted consultants, Dokken Engineering was selected as the top ranked consultant. The selected Project team consists of the following firms:

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- Dokken Engineering – Prime Consultant for Bridge and Roadway Design (Folsom)
- UNICO Engineering – Surveying, Mapping and Landscape Design(Folsom)
- Geocon Consultants – Geotechnical And Initial Site Assessment (Rancho Cordova)
- WRECO – Hydrology and Hydraulics (Walnut Creek)

Upon completing negotiations with Dokken Engineering as the prime consultant, a not to exceed amount of \$452,626.92 (including optional services) was established as fair compensation for the scope of services required for the Project.

Design of the Project is anticipated to take approximately four (4) years to complete, including bridge and roadway design, environmental analysis and right-of way clearance. Following this timeline, construction is anticipated to start in the fall of 2024 and depending on the alternative selected, the Project may take between six (6) to twelve (12) months to construct. This agreement does not include scope/fee for construction support services; therefore, an amendment to this agreement will be required once the design is complete.

FISCAL IMPACT/FINANCING:

No Net County Cost to the General Fund.

A summary of the total estimated cost for the Project is as follows:

No.	Phase	Federal Participation (88.53%)	Measure R Participation (11.47%)	Total Cost
1	Preliminary Engineering	\$557,739	\$72,261	\$630,000
2	Right of Way	\$66,397	\$8,603	\$75,000
3	Construction	\$2,655,900	\$344,100	\$3,000,000
Total		\$3,280,036	\$424,964	\$3,705,000

County Road Funds will be used to fund this agreement, but will be fully reimbursed through a combination of Federal Highway Bridge Program (88.53%) funds and local Measure R (11.47%) funds.

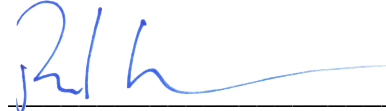
LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:

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 the facility.

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ADMINISTRATIVE SIGN-OFF:



Reed Schenke, P.E.
Director

cc: County Administrative Office

Attachment(s): Attachment A – Agreement for Professional Engineering Services

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

IN THE MATTER OF AGREEMENT WITH)
DOKKEN ENGINEERING FOR) Resolution No. _____
ENGINEERING SERVICES FOR THE M109) Agreement No. _____
OVER WHITE RIVER BRIDGE PROJECT)

UPON MOTION OF SUPERVISOR _____, SECONDED BY
SUPERVISOR _____, THE FOLLOWING WAS ADOPTED BY THE
BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD JUNE 2, 2020, BY THE
FOLLOWING VOTE:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST: JASON T. BRITT
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: _____
Deputy Clerk

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