



**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: October 28, 2014

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 Biggs Cardosa Associates for the Sand Creek Bridge Project

REQUEST(S):
That the Board of Supervisors:

1. Approve an Agreement with Biggs Cardosa Associates in the amount of \$330,000 to provide Professional Engineering Consulting Services for the Sand Creek Bridge Project; and
2. Authorize the Chairman to sign the Agreement after review and approval as to form by County Counsel.

SUMMARY:
On January 9, 2014, Tulare County received federal authorization to proceed with the engineering and environmental document phase for the Sand Creek Bridge Project.

The Sand Creek Bridge is located on Road D129 and spans Sand Creek, approximately 1/4 mile east of State Route 63, northeast of Dinuba (see Attachment A – Vicinity Map). The existing structure was constructed in 1938, and qualifies to receive federal funding for rehabilitation or replacement because the bridge is too narrow and does not meet current engineering standards for bridge width.

In December of 2013, the Resource Management Agency (RMA) issued a Request for Proposal (RFP) for qualified firms to provide engineering consulting services for three small bridge projects, including the Sand Creek Bridge. The engineering consultant will evaluate several engineering solutions for this project, including

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alternatives to rehabilitate and widen the existing bridge and an alternative to replace the existing bridge.

On January 30, 2014, the RMA received seven proposals from interested engineering firms. The seven firms that submitted were Dokken Engineering, Quincy Engineering, TRC, NCM Engineering, Biggs Cardosa Associates, Moffat & Nichol, and Cornerstone Structural Engineering Group. Since the project is federally funded by the Federal Highway Administration (FHWA), the proposals were reviewed based on criteria provided in the Local Assistance Procedures Manual (LAPM), to meet federal requirements. Based on the LAPM, the selection criteria consisted of the following: 1) understanding of the work, 2) experience with similar kinds of work, 3) quality of staff and demonstrated technical ability and 4) familiarity with state and federal procedures. To meet federal requirements and state law, the selection of the consultant was based solely on qualifications of the consultants and the criteria described above; cost and office location of the consultants could not be considered per federal requirements.

The proposals were independently reviewed by a 6 member panel of staff from the RMA, Caltrans and Kings County. After review of the proposals, the top three firms, consisting of Cornerstone Structural Engineering Group, Quincy Engineering, and Biggs Cardosa Associates were shortlisted and interviewed by the same panel (minus one Caltrans staff member who could not attend). The interviews were scored based on the same criteria noted above and Biggs Cardosa Associates was the top ranked consultant (see Attachment B – Interview Scoring Sheet).

Negotiations with Biggs Cardosa Associates included review by RMA and Caltrans staff of a detailed scope of work and cost proposal submitted by the consultant, with staff-hour breakdowns for each task, and hourly rates that have been certified by the consultant to be in accordance with the cost principles of the Federal Acquisition Regulations of Title 48, Code of Federal Regulations, Part 31. After negotiations with Biggs Cardosa Associates, it was determined that a fee of \$330,000 was fair compensation for the scope of services that are to be provided (see Attachment C – Consultant Agreement). The scope of services and fee were confirmed by Caltrans, and are in line with projects of similar complexity.

FISCAL IMPACT/FINANCING:

There is no net cost to the County General Fund.

County Road Funds will be used to fund this agreement, but will be fully reimbursed by Federal Highway Bridge Program funds in the amount of \$330,000.

The Highway Bridge Program will fund this project at a 100% reimbursement ratio (no local match required).

LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:

This Project will enhance the safety and security of the public by improving the

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

IN THE MATTER OF AGREEMENT WITH)
BIGGS CARDOSA ASSOCIATES FOR THE) Resolution No. _____
SAND CREEK BRIDGE PROJECT) Agreement No. _____

UPON MOTION OF SUPERVISOR _____, SECONDED BY
SUPERVISOR _____, THE FOLLOWING WAS ADOPTED BY THE BOARD
OF SUPERVISORS, AT AN OFFICIAL MEETING HELD OCTOBER 28, 2014, BY THE
FOLLOWING VOTE:

AYES:
NOES:
ABSTAIN:
ABSENT:

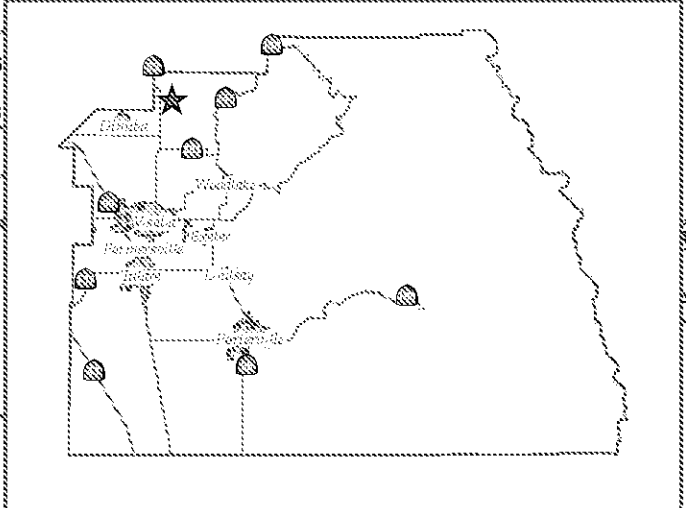
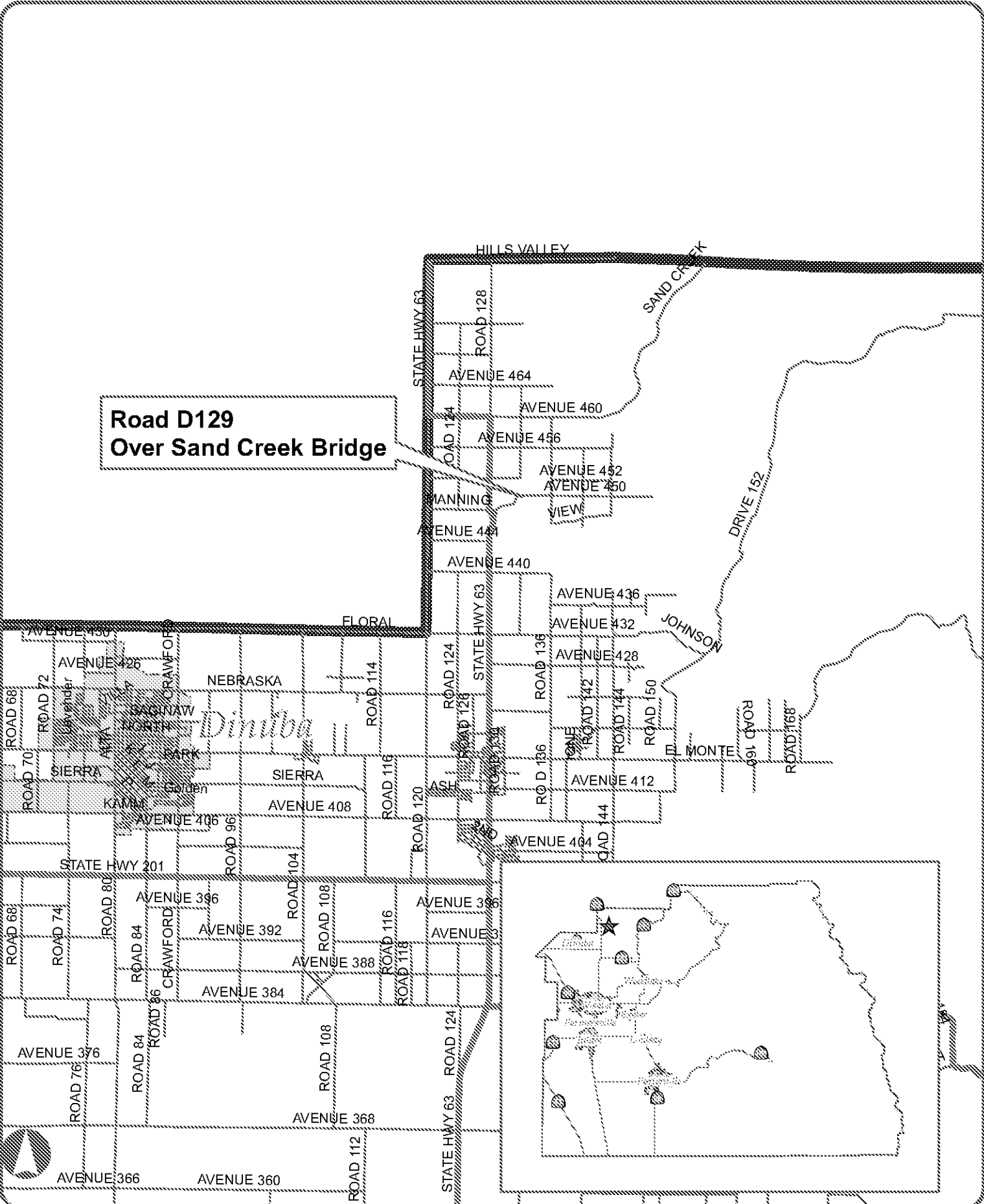
ATTEST: JEAN M. ROUSSEAU
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: _____
Deputy Clerk

1. Approved an Agreement with Biggs Cardosa Associates in the amount of \$330,000 to provide Professional Engineering Consulting Services for the Traver Canal Bridge Project; and
2. Authorized the Chairman to sign the Agreement after review and approval as to form by County Counsel.

Attachment A - Vicinity Map

**Road D129
Over Sand Creek Bridge**



Attachment B – Interview Scoring Sheet

Scoring Summary - Sand Creek Bridge Engineering Services

	Biggs Cardosa Assoc.		Quincy Engineering		Cornerstone Structural	
	Score	Rank	Score	Rank	Score	Rank
Panel Member 1	95	1	82	3	92	2
Panel Member 2	97	1	93	3	94	2
Panel Member 3	100	1	95	2	90	3
Panel Member 4	100	1	85	2	70	3
Panel Member 5	94	1	87	2	87	2
Average	97.20	1.00	88.40	2.40	86.60	2.40

TOP RANKED FIRM:

BIGGS CARDOSA ASSOCIATES

Subconsultants:

BKF Engineers
Avila & Associates
Taber Consultants

PANEL MEMBERS:

Ben Ruiz, Tulare County RMA, Engineer IV
Jason Vivian, Tulare County RMA, Engineer III
Johnny Wong, Tulare County RMA, Chief Engineer
Dominic Tyburski, Kings County Public Works, Chief Engineer
Thomas Glaski, CaltransLocal Assistance, Transportation Engineer

Engineering Consultant Selection

The provisions of the Brooks Act (40 USC, Section 1104) requires local agencies to award federally funded engineering and design related contracts on the basis of fair and open competitive negotiations, demonstrated competence, and professional qualifications (23 Code of Federal Regulations (CFR), Part 172), at a fair and reasonable price (48 CFR 31.201-3). Both federal and California state law (Government Code 4525-4529 et al) requires selection of A&E contract services on the basis of demonstrated competence and professional qualifications.