

DEPARTMENT: PWD/Engineering

BY: Peter Rei
PHONE: 966-5356

RECOMMENDED ACTION AND JUSTIFICATION:

Authorize the Director of Public Works to Award the Design and Engineering of the Fish Camp and Midpines fire station buildings to the most qualified design firm and to execute a Professional Services Agreement for the work. (to Keith & Associates)

The Essential Services Building Seismic Safety Act of 1986, along with California Building Code requires the Design and Construction of essential services buildings to be conducted under the direct and responsible supervision of a registered design professional.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

Previously the Board of Supervisors earmarked \$750,000 from the Tobacco Settlement Fund to be used for fire station construction.

In January of 2010 the Board authorized the Public works director to issue a Request for Proposal for the design and manufacture of three fire station buildings in Mariposa County. There was no response to this RFP from any of the manufacturers. An RFP to local contractors for fire station construction resulted in two proposals, which were subsequently rejected. On June 7, 2011 the Board authorized a new RFP to be issued.

On June 28, 2011 an RFP for the Design and Engineering of the Fish Camp and Midpines fire stations was issued. Proposals were received on July 14 and were subsequently evaluated for responsiveness to the RFP requirements.

ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

1. Approve the filing and proceed with Awarding ; or
2. Not Approve and reconsider how to proceed with the project.

Financial Impact? Yes () No Current FY Cost: \$ 0.00 Annual Recurring Cost: \$0
 Budgeted In Current FY? () Yes (X) No () Partially Funded
 Amount in Budget: \$0.00 List Attachments, number pages consecutively _____
 Additional Funding Needed: \$ 0.00 _____
 Source: _____
 Internal Transfer _____
 Unanticipated Revenue _____ 4/5's vote
 Transfer Between Funds _____ 4/5's vote
 Contingency _____ 4/5's vote
 () General () Other _____

CLERK'S USE ONLY:

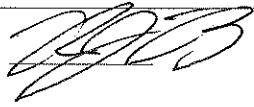
Res. No.: 11-406 Ord. No. _____
 Vote - Ayes: 4 Noes: _____
 Absent: _____
 Approved _____
 Minute Order Attached () No Action Necessary

COUNTY ADMINISTRATIVE OFFICER:

Requested Action Recommended
 No Opinion
 Comments: _____

The foregoing instrument is a correct copy of the original on file in this office.

Date: _____
 Attest: MARGIE WILLIAMS, Clerk of the Board
 County of Mariposa, State of California
 By: _____
 Deputy

CAO: 



COUNTY of MARIPOSA

P.O. Box 784, Mariposa, CA 95338 (209) 966-3222

JIM ALLEN, CHAIR
JANET BIBBY, VICE-CHAIR
LEE STETSON
LYLE TURPIN
KEVIN CANN

DISTRICT V
DISTRICT III
DISTRICT I
DISTRICT II
DISTRICT IV



MARIPOSA COUNTY BOARD OF SUPERVISORS

MINUTE ORDER

TO: PETER REI, Interim Public Works Director

FROM: MARGIE WILLIAMS, Clerk of the Board *MW*

SUBJECT: Consent Agenda

RES. 11-406

THE BOARD OF SUPERVISORS OF MARIPOSA COUNTY, CALIFORNIA

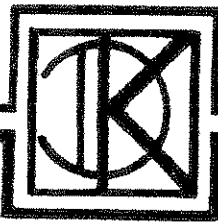
ADOPTED THIS Order on August 16, 2011

ACTION AND VOTE:

CA-117 **Public Works**
Authorize the Public Works Director to Award the Design and Engineering of the Fish Camp and Midpines Fire Station Buildings to Keith and Associates, and Sign the Agreement (Subject to Review and Approval as to Form by County Counsel); Res. 11-406

Cc: Bill Davis, Auditor
File

Jim Wilson, Fire Chief



KEITH & ASSOCIATES

ARCHITECTURE / PLANNING

HOURLY RATES

Keith & Associates

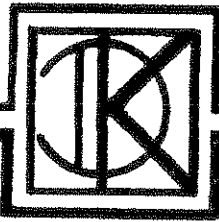
Architect.....	\$150.00
CAD Manager.....	\$115.00
CAD Drafter.....	\$ 75.00

ZFA Stuctural Engineers

Engineer – Executive Principal.....	\$150.00
Engineer – Senior Principal / Principal.....	\$135.00
Engineer – Senior Associate.....	\$125.00
Engineer – Associate.....	\$115.00
Engineer – Senior	\$105.00
Engineer.....	\$90.00
Engineer–Designer	\$80.00
Drafter–Senior.....	\$95.00
Drafter.....	\$80.00

Sacramento Engineering Consultants

Principal.....	\$180.00
Engineer.....	\$150.00
Senior Designer.....	\$135.00
Designer.....	\$100.00
Clerical.....	\$ 90.00



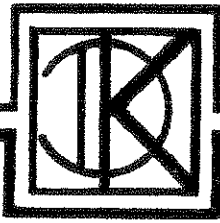
PROPOSED TIME SCHEDULE

- Preparing construction documents: ten weeks.
 - Review conceptual plans for Building Code and ADA compliance - first week
 - Revise conceptual plans to comply with Building Code and ADA compliance - first week
 - Prepare preliminary exterior elevations and sections to guide consultants' preliminary work - first week
 - Coordinate structural, mechanical and electrical consultants with appropriate systems and components - second week
 - Meet with client and review preliminary plans
 - Revise plans as required and proceed to finish construction documents - third to seventh weeks
 - Meet with client and review construction documents
 - Revise construction documents as required to respond to client's requests - eighth week
 - Put together specifications and final construction documents - ninth week
 - Present construction documents and specifications for building permit and bidding process - tenth week

- Plan check and building permit approval: ±six weeks

- Bidding process: ±six weeks
 - Advertise - two weeks
 - Prebid meeting and bid - two weeks
 - Approve bid - two weeks

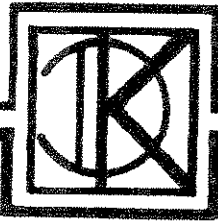
- Construction: sixteen weeks



INSPECTIONS AND REPORTS

This is the list of inspections and reports by the Architect. See the consultants' proposals for their inspections and reports.

- Keith & Associates has a policy during construction that there is a weekly meeting, usually Thursday morning, with all the responsible members of the building team present at that phase of construction. This helps keep the project on time and on budget. After the meeting, there is a site visit by the design professional that can be considered an inspection. Site inspections will include:
 - Grading and excavation
 - Foundation formwork
 - Structural erection
 - Wood framing, including penetrations through rated walls
 - Closing in
 - Mechanical
 - Plumbing
 - Electrical
 - Finishes
 - Final
- The itemized list of reports will be in the form of minutes from the weekly meetings and observations at the weekly site meetings. Please refer to the consultants' proposals for their reports and calculations. The final report will certify that the building as constructed meets all of the requirements of the Green Building Code, 2010 CBC, Title 24, Essential Services Building Seismic Safety Act of 1986, and Federal ADA requirements.

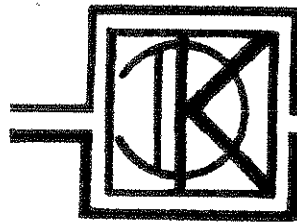


KEITH & ASSOCIATES

ARCHITECTURE / PLANNING

FEE PROPOSAL FISH CAMP ENGINE COMPANY #33

	TOTAL	DESIGN	CONSTRUCTION
Keith & Associates	\$21,000.00	\$16,000.00	\$5,000.00
ZFA	\$5700.00	\$3,800.00	\$1,900.00
SEC	<u>\$18,600.00</u>	<u>\$9,300.00</u>	<u>\$9,300.00</u>
TOTAL	<u>\$43,500.00</u> 45,300.00	\$29,100.00	\$16,200.00



KEITH & ASSOCIATES

ARCHITECTURE / PLANNING

HOURLY RATES

Keith & Associates

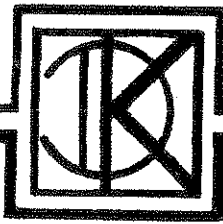
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CAD Manager.....	\$115.00
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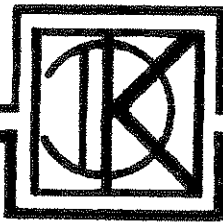
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Principal.....	\$180.00
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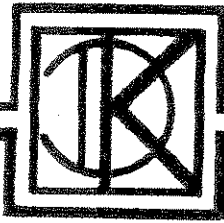


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KEITH & ASSOCIATES

ARCHITECTURE / PLANNING

FEE PROPOSAL MIDPINES ENGINE COMPANY #21

	TOTAL	DESIGN	CONSTRUCTION
Keith & Associates	\$21,000.00	\$16,000.00	\$5,000.00
ZFA	\$5,700.00	\$3,800.00	\$1,900.00
SEC	<u>\$18,600.00</u>	<u>\$9,300.00</u>	<u>\$9,300.00</u>
TOTAL	\$45,300.00	\$29,100.00	\$16,200.00