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.

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? (X) Yes ( ) No  Current FY Cost: $0.00
Budgeted In Current FY? ( ) Yes (X) No ( ) Partially Funded
Amount in Budget: $0.00
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

List Attachments, number pages consecutively
Scope and Fee Schedule for Fish Camp and Midpines fire stations

CLERK’S USE ONLY:
Res. No.:  Ord. No.  
Vote – Ayes:  Noes:  
Approved
Minute Order Attached  No Action Necessary

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

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

COUNTY ADMINISTRATIVE OFFICER:
Requested Action Recommended  No Opinion

Comments:  

CAO:

Revised Dec. 2002
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  
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
# Hourly Rates

Keith & Associates

- Architect: $150.00  
- CAD Manager: $115.00  
- CAD Drafter: $75.00  

ZFA Structural 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.
# FEE PROPOSAL
**FISH CAMP ENGINE COMPANY #33**

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Total: $43,500.00
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## FEE PROPOSAL
### MIDPINES ENGINE COMPANY #21

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