

97-312

DEPARTMENT: Public Works

By: Michael Edwards Phone: 966-5356
Director

RECOMMENDED ACTION AND JUSTIFICATION: (Policy Item: Yes___ No X)

Resolution authorizing the Director of Public Works to sign an amendment to the agreement for geotechnical services with Kleinfelder, Inc., for the Government Center, providing for special inspection and materials testing services, at a cost of \$14,638 (see Attachments 1 & 2).

Kleinfelder provided the geotechnical investigation for the shop and Government Center for a cost of \$5,586. The original budget for this work for the Government Center was \$10,000. Cost was divided between the two projects, so that \$2,793 was charged to the Government Center. The budget for construction testing is \$8,000. However, if we consider the two budget items together, geotechnical and special inspection for the Government Center totals \$18,000. With amendment 1, the total authorization for Kleinfelder's work for the Government Center is \$2,793 + \$14,638 = \$17,431., which is less than the total budgeted amount.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

The Board of Supervisors has previously approved this project and has accepted the funding commitments from USDA-RDA.

LIST ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

No action will endanger the integrity of the construction process, since the special testing and inspection is crucial to insuring the structural integrity of the project.

COSTS: () Not Applicable	
A. Budgeted current FY	\$ 18,000
B. Total anticipated costs	\$ 17,431
C. Required additional funding	\$
D. Internal transfers	\$

SOURCE: () 4/5th Vote Required	
A. Unanticipated revenues	\$
B. Reserve for contingencies	\$
C. Source description:	
Balance in Reserve Contingencies,	
if approved: \$	

SPECIAL INSTRUCTIONS:
List the attachments and number the pages consecutively:

1. Amendment 1 to Agreement, Kleinfelder
2. July 8 Proposal from Kleinfelder
- 3.
- 4.

CLERK'S USE ONLY

Res. No.: 97-312	Ord. No. _____
Vote - Ayes: 5	Noes: _____
Absent: _____	Abstained: _____
() Approved	() Denied
() Minute Order Attached	() No Action Necessary

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

ADMINISTRATIVE OFFICER'S RECOMMENDATION:

This item on agenda as:

- Recommended
- Not Recommended
- For Policy Determination
- Submitted with Comment
- Returned for Further Action

Comment: _____
A.O. Initials: *Ja*

AMENDMENT 1 TO AGREEMENT FOR
GEOTECHNICAL INVESTIGATIONS FOR

PW 91-15: Mariposa County Government Center
PW 94-35: Ben Hur Road Yard Ship

The following is Amendment 1 to the Agreement between the County of Mariposa, hereinafter referred to as "COUNTY" and Kleinfelder, Inc., hereinafter referred to a "CONSULTANT".

The COUNTY has awarded the construction contract for the Government Center to Tech Four construction, Inc. Construction requires materials testing and special inspection services for which CONSULTANT in qualified. Consultant has presented a proposal for doing this work based on negotiations of the scope of work with the County. The proposal is attached to this amendment.

In consideration of the additional scope of work as detailed in the attached proposal, COUNTY has agreed to increase the fee provided in Part II.D.2.a. of the agreement from an estimated sum of \$5,586.00 to an estimated maximum sum of \$20,224.00, which represents an increase in the estimated budget of a maximum of \$14,638.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment 1 to the Agreement to be executed.

BY COUNTY this _____ day of _____, 19____.

BY CONSULTANT this _____ day of _____, 19____.

CONSULTANT

COUNTY OF MARIPOSA

By: _____
Lloyd A. Crask
Kleinfelder, Inc.

By: _____
Michael D Edwards
Public Works Director

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY:

Jeffrey G. Green
County Counsel
Date: _____

July 8, 1997

Mr. David L. Tucker
County of Mariposa
Department of Public Works
4639 Ben Hur Road
Mariposa CA 95338

SUBJECT: Special Inspection & Materials Testing Services Proposal
New Government Center
Mariposa, California

Dear Mr. Tucker:

We have prepared the attached proposal of an estimated budget covering construction testing and special inspection services to be provided for on the subject project.

Cost figures being reported at this time have been based on a review of the available project documents and our discussion on July 7, 1997 with Mr. Craig Scott of DuPertuis-Scott Architects. The estimated total can be considered a not to exceed figure for the scope of hours and testing and observation inspections defined herein. Should there be changes or additional services required in excess of the defined scope, they would be invoiced at the appropriate unit rates. The hourly rate will be charged from portal to portal with no minimums. There will be no charge for mileage or reports. These fees would be in effect for the duration of the project. The client will be billed only for the actual hours/services performed.

Should you have any questions regarding specific items of costs as they relate to the tests and services outlined, please contact our office at your convenience. We thank you for this opportunity to submit the information required and sincerely look forward to providing the finest of service in your construction needs.

Respectfully submitted,

KLEINFELDER



Larry D. Myatt
Operations Manager

LDM:kjm
attachments

cc: DuPertuis-Scott Architects/Mr. Craig Scott

PROPOSAL OF ESTIMATED BUDGET

NEW GOVERNMENT CENTER

MARIPOSA, CALIFORNIA

The items of tests and services we understand to be performed are:

1) Quality Control

We propose to provide qualified technicians experienced in this type of construction to served in the capacity of "Inspector". Our representatives would perform all on and off site sampling, testing and observation services related to earthwork, concrete, structural steel and masonry. All services would be closely coordinated with the owner's representative, the architect, engineer and contractor. Costs for these services are as itemized in each of the following categories.

2) Earthwork: Excavation, Filling, Grading & Trench Backfill Compaction

A.	Technician w/Vehicle & Equipment -	120 hrs @ \$38/hr =	\$4,560
B.	Maximum Density Curve (ASTM & CAL) -	5 @ \$100/ea =	500
C.	Maximum Density Curve/Check Point -	4 @ \$50/ea =	200
D.	Gradations -	4 @ \$50/ea =	<u>200</u>
		Sub Total =	\$5,460

3) Concrete: Cast-in-Place Concrete - Concrete & Reinforcing Steel Placement, Sampling & Compression Tests

A.	Technician w/Vehicle & Equipment -	50 hrs @ \$38/hr =	\$1,900
B.	Compression Test Cylinders -	10 sets @ \$45/set =	450
C.	Reinforcing Steel (identifying & tagging) -	6 hrs @ \$38/hr =	228
D.	Reinforcing Steel (tensile & bend) -	6 sets @ \$60/set =	<u>360</u>
		Sub Total =	\$2,938

4) Concrete Unit Masonry: Observe Placement of Masonry Block & Reinforcing Steel and Sampling of the Mortar and Grout for Laboratory Tests

A.	Technician w/Vehicle & Equipment -	80 hrs @ \$38/hr =	\$3,040
B.	Mortar Compression Test -	10sets of 3 clys @ \$45/set =	450
C.	Grout Compression Test -	10 sets of 3 prisms @ \$45/set =	<u>450</u>
		Sub Total =	\$3,940

5) Structural Steel: Perform Shop & Field Welding Observation and High Strength Bolting

A.	Technician w/Vehicle (Shop) -	20 hrs @ \$38/hr =	\$ 760
B.	Technician w/Vehicle (Field) -	20 hrs @ \$38/hr =	<u>760</u>
		Sub Total =	\$1,520

6) Engineer QA/QC:

A.	Engineer Review & Consultation -	10 hrs @ \$78/hr =	<u>780</u>
		Sub Total =	\$ 780

TOTAL ESTIMATED BUDGET = \$14,638