

October 18, 2001

WR-1

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012-2756

Dear Supervisors:

**THOMPSON CREEK DAM SEISMIC MODIFICATION PROJECT  
AWARD SUPPLEMENTAL AGREEMENT 2  
SUPERVISORIAL DISTRICT 5  
3 VOTES**

**IT IS RECOMMENDED THAT YOUR BOARD:**

Award and authorize the Director of Public Works or his designee to execute Supplemental Agreement 2 with Geomatrix Consultants, Inc., and establish the effective date of the agreement to delete unnecessary work, evaluate a potential area of active faulting at the dam, perform additional field and laboratory tests, and increase funds for on-call consulting services for the Thompson Creek Dam Seismic Modification Project for an additional fee of \$111,078 to be financed by the Fiscal Year 2001-02 Flood Control District fund.

**PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

Pursuant to your Board's authorization, Public Works executed Supplemental Agreement 1 with Geomatrix to perform geotechnical services during the construction phase of the Thompson Creek Dam Seismic Modification Project. We are recommending that your Board authorize the Director of Public Works or his designee to execute Supplemental Agreement 2 with Geomatrix and establish the effective date of the agreement to delete unnecessary work and perform additional consulting and testing services as described below.

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Due to changed field conditions and testing methods approved by the California Department of Water Resources Division of Safety of Dams (DSOD), who has jurisdiction of the dam, Geomatrix will not be required to conduct the tests in accordance with the original scope of work. The total reduction in Geomatrix' testing services tasks results in a reduction to the contract amount of \$42,462.

However, due to these changed field conditions, including the unanticipated presence of finer grained fill material, Geomatrix must perform additional observation and testing during the fill placement.

Due to the possible presence of an active fault in the vicinity of the dam as postulated in the April 2001 Bulletin of the Seismological Society of America, DSOD has ordered a geological assessment and engineering analysis to assess the fault's potential impacts to the safety of the dam. As the dam rehabilitation designer, Geomatrix is uniquely qualified to model "worst case" scenarios to determine if any modifications to the dam buttress design are required.

An increase in the budget for anticipated future "on-call consulting services" is needed as the consultant has nearly exhausted the current budget on required analysis and correspondence with DSOD associated with the potential fault and unanticipated field conditions.

### **Implementation of Strategic Plan Goals**

This action is consistent with the County Strategic Goal of Organizational Effectiveness as these services are not required frequently, and Geomatrix has the expertise, experience, and qualifications in performing the required geotechnical services.

### **FISCAL IMPACT/FINANCING**

Supplemental Agreement 2 includes \$111,078 in additional funds, \$42,462 from work no longer required as described in the original contract, and \$20,000 from the remaining balance in contingency for a total not to exceed fee of \$173,540. The total revised contract amount is \$464,741. Funding for this work is available in the Fiscal Year 2001-02 Flood Control District fund.

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### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

The agreement has been approved as to form by County Counsel. The standard Board-directed clauses that provide for contract termination, renegotiation, and hiring of qualified displaced County employees will be included. The agreement will also include provisions whereby the expenditure of additional funds is subject to the authorization of Public Works.

Articles VI, VII, and XXII (Section C) of the existing agreement permits modification of the agreement by adjusting the Base Consulting Fee and payment fee schedule resulting from deleted unnecessary work specified in Article II and the required additional work determined by Public Works and Geomatrix as necessary.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

There will be no negative impact on current County services or projects during the performance of the recommended contract services.

### **CONCLUSION**

One approved copy of this letter is requested.

Respectfully submitted,

JAMES A. NOYES  
Director of Public Works

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cc: Chief Administrative Office  
County Counsel