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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

8-6

April 23, 1993

To: Board of Directors (Engineering and Operations Committee--Action)
(Organization and Personnel Committee--Action)

From: General Manager

Subject: Amendments to Agreements for Cultural Resources Services,
Domenigoni Valley Reservoir Project--Survey, Testing, and
Recovery Activities

Report

Under the Domenigoni Valley Reservoir Project's Final Environmental Impact Report (FEIR) and Mitigation Monitoring Plan, Metropolitan is committed to mitigate for impacts to cultural resources over an 11-square-mile area. This effort is mandated under the California Environmental Quality Act (CEQA) Guidelines, Appendix K, requiring that actions be taken to avoid, preserve in place, or mitigate such impacts.

A cost estimate of \$9.0 million for cultural resources mitigation, based upon surveys contained in the FEIR, was included within the Fiscal Year 1992/93 budget and reported to your Board by letter in April 1992. Mitigation included the survey, testing, and recovery of prehistoric and historic archaeological sites; ethnographic research; and Native American monitoring of construction activities. The cost attributable to mitigation of prehistoric and historic archaeological sites was \$7.82 million. These estimates were based on surveys of ten percent of the project lands and a detailed literature review.

Phase I work, consisting of surveys and initial testing in the amount of \$3.0 million, is now complete. This work has been performed by INFOTEC Research, Inc. for prehistoric archaeology (\$2.0 million), and by Greenwood & Associates for historic archaeology (\$1.0 million). Based on Phase I work, the number and complexity of sites have increased from 43 to 160. Some of the known sites were found to require more intensive testing and recovery efforts, as well.

Phase II work includes the completion of surveys and testing at all sites, but only limited recovery of artifacts in critical construction areas (dam foundations and rock quarries), resulting in a cost increase from the \$7.82 million to \$9.0 million. Authority is requested to undertake this Phase II work, which is to be completed by late 1993.

Consultants have been working efficiently and the cost of survey and testing per site is about 50 percent less than originally estimated. As a result, the increase in the number of sites has not resulted in a proportionate increase in costs.

Phase III recovery efforts, outside of the dam and quarry areas, will be required in the future to complete all mitigation work. The Phase II work proposed at this time will provide an accurate cost basis for any Phase III work, which would be the subject of separate Board action. Our preliminary estimate is that the total cost of prehistoric and historic mitigation work will be \$12.3 million.

Compliance with the CEQA is provided for under the FEIR for the Domenigoni Valley Reservoir Project, certified by your Board in October 1991. Funds to perform this work are available in Appropriation No. 560.

Board Committee Assignments

This letter is referred for action to:

The Engineering and Operations Committee because of its interest in the storage and treatment of water, pursuant to Administrative Code Section 2431(c); and

The Organization and Personnel Committee because of its jurisdiction over equal employment opportunity and affirmative action, pursuant to Administrative Code Section 2471(d).

Recommendation

ENGINEERING AND OPERATIONS AND ORGANIZATION AND PERSONNEL COMMITTEES FOR ACTION.

It is recommended that your Board authorize the General Manager to amend Agreement No. 3773 for prehistoric archaeological services to INFOTEC Research, Inc., from \$2,000,000 to \$5,623,700, and Agreement No. 3772 for historic archaeological services to Greenwood & Associates from \$1,000,000 to \$3,376,300 in form approved by the General Counsel and in accordance with the terms of this letter.


for General Manager