

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

8-5

May 8, 1995

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

From: General Manager

Subject: Authorization No. 18 to Increase Appropriation No. 560 from \$ 698,538,000 to \$708,515,000 to Amend Agreement No. 3925 with Raytheon Infrastructure Services Incorporated for Post-Design Consulting Services for the Domenigoni Valley Reservoir Project.

RECOMMENDATION

It is recommended that your Board authorize an increase of \$9,977,000 in Appropriation No. 560 from the 1992 Revenue Bond Construction Fund, to a total \$708,515,000 to finance budgeted costs for Post-Design services for the Domenigoni Valley Reservoir Project.

It is also recommended that the General Manager be authorized to amend Agreement No. 3925 with Raytheon Infrastructure Services Incorporated, to increase the maximum amount payable from \$46,300,000 to \$56,277,000, including expenses, to provide Post-Design services for the Domenigoni Valley Reservoir Project in a form approved by the General Counsel.

John R. Wodraska
General Manager

Submitted by:

pa Gary M. Snyder

Gary M. Snyder
Chief Engineer

APPROVED
By the Board of Directors of
the Metropolitan Water District
of Southern California
at its meeting held

JUN 13 1995

Concur:

John R. Wodraska

John R. Wodraska
General Manager

D. [Signature]
EXECUTIVE SECRETARY

BRIEF DESCRIPTION

A Request for Proposal No. 053 was issued in July of 1992 which included Preliminary, Final and Post-Design services. In November of 1992, an agreement was entered into for \$37.6 million with Raytheon Infrastructure Services Incorporated, to provide the preliminary and final design services. The Post-Design services were budgeted, but funding was delayed based upon having a more accurate understanding of the construction requirements for the Domenigoni Valley Reservoir Project(DVRP).

In April of 1995, the agreement was amended to reflect design changes, resulting from Metropolitan's Technical Review Team and the DVRP Independent Board of Consultants, focusing most specifically on value engineering efforts to reduce construction costs. The maximum amount payable under the amended agreement was \$46.3 million.

This agreement is being amended to add Post-Design services in support of construction field requests and required changes during construction. The Raytheon Post-Design staff will maintain a continuum to the design process and will assist Metropolitan in assuring that the design intent is accomplished. These services include geologic mapping, geotechnical support and evaluation of field conditions during construction. Additional responsibilities include response to technical questions, review of construction drawings, preparation of supplemental drawings, manuals and start-up plans.

A \$9,977,000 increase in Appropriation No. 560 is required to finance the estimated cost for Post-Design services. The total estimated cost of the DVRP is \$1,972,100,000 (see Attachment A).

<p><u>CONTRACT TYPE</u></p> <p><input type="checkbox"/> NEW</p> <p><input checked="" type="checkbox"/> AMENDED</p>	<p><u>FUNDING</u></p> <p><input checked="" type="checkbox"/> CAPITAL</p> <p><input type="checkbox"/> O & M</p>	<p><u>TYPE OF COMPETITION</u></p> <p><input type="checkbox"/> RFQ</p> <p><input checked="" type="checkbox"/> Amendment to Agreement No. 3925</p>
<p><u>CONTRACT FORM</u></p> <p><input type="checkbox"/> LEASE</p> <p><input checked="" type="checkbox"/> PROFESSIONAL SERVICES</p>	<p><u>BUDGET STATUS</u></p> <p><input type="checkbox"/> FY 95/96 AMT \$226,490,400</p> <p><input type="checkbox"/> OUT-YEAR AMT \$1,273,592,900</p> <p><input type="checkbox"/> NON-BUDGET AMT _____</p>	<p><input type="checkbox"/> INFORMAL RFP</p> <p><input type="checkbox"/> OTHER COMPETITION</p> <p>_____</p> <p><input type="checkbox"/> SOLE SOURCE</p>

PURPOSE/BACKGROUND

The increased scope provides continuity between design and construction phases to assure that the design intent of the project is achieved. It also provides continuity required in addressing potential field changes as they develop during the construction phase.

ACTIONS & MILESTONE

The Post-Design services will extend throughout the construction phase of the project. Contract completion is currently planned for mid-1999. Raytheon will assign limited staff to perform the Post-Design services consistent with the construction schedule of the project.

MBE/WBE

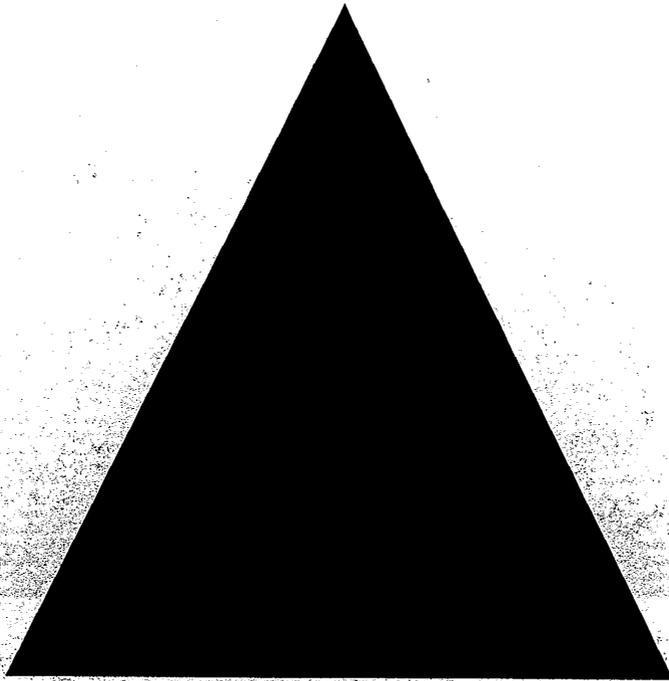
Although no MBE/WBE goals were required at contract initiation, the contractual goals have been established at 9 percent MBE and 3 percent WBE. The design consultant is presently experiencing a cumulative rate of 11 percent MBE and 2 percent WBE.

CEQA COMPLIANCE / ENVIRONMENTAL DOCUMENTATION

All California Environmental Quality Act (CEQA) requirements have been satisfied for the proposed action. In October 1991, your board certified the Final Environmental Impact Report for DVRP. This action satisfied the provisions of CEQA, and no further environmental documentation or reviews are necessary for your Board to take action on this recommendation.

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