



**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

7-6

June 25, 1993

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

From: General Manager

Subject: Revision No. 1 to Appropriation No. 567 to Increase Funding from \$350,000 to \$750,000 for All Estimated Costs in Advance of Award of a Construction Contract for an Operation Control Center at the Eagle Rock Facility

### Report

In May 1989, your Board authorized Appropriation No. 567 in the amount of \$350,000 to finance all estimated costs for a site study, preliminary design, preparation of environmental documentation, preliminary layouts of the control room, a layout of the facility, and preparation and issuance of requests for proposals to select a consultant to provide architectural and engineering services for final design and construction of an Operation Control Center (OCC).

The OCC would allow the entire distribution system to be monitored and controlled from a single control center to optimize water distribution and hydroelectric power generation. In the event an Area Control Center is inoperable, the OCC can maintain the functional operation in this area. The existing Eagle Rock Control Facility will not provide adequate space for the new control system.

All the study work has been completed. During this study, the proposed location was changed from Garvey Reservoir to the Eagle Rock site. Request for Proposal (RFP) No. 079 was issued to obtain proposals for performing Architectural and Engineering (A&E) services including construction support work. Proposals were received from eight consultants. After a thorough evaluation of these proposals, the firm of Martinez Architects, Inc. (Consultant), was selected to perform the required services, at an estimated cost of \$230,000. Martinez Architects, Inc., is certified as a minority-owned business enterprise and is qualified to perform this work.

A \$400,000 increase in Appropriation No. 567 is now required to cover all estimated costs for the Consultant's work

and preparation of specifications, design review, and the processing of contract documents by District personnel. A breakdown of the estimated costs for the initial funding and Revision No. 1 is attached.

In September 1991, the Board awarded a contract for new control systems for the area control centers at Jensen, Weymouth, and Skinner filtration plants and for the OCC. Funds for the control systems and related equipment for the area control centers and OCC are provided under Appropriation No. 577. The control system for the OCC is scheduled to be delivered in late 1994.

The proposed project is exempt from the provisions of the California Environmental Quality Act in that it would entail demolition of a Metropolitan-owned single-family residence ancillary to the existing OCC and replacement of the residence with a new OCC structure. The new OCC structure will involve negligible expansion of use or capacity beyond that of the existing OCC.

#### Board Committee Assignments

This letter is referred for action to:

The Engineering and Operations Committee because of its jurisdiction over the initiation, scheduling, contracting, and performance of construction programs, pursuant to Administration Code Section 2431(b); and

The Finance and Insurance Committee because of its jurisdiction over appropriations, pursuant to Administrative Code Section 2441(d).

#### Recommendations

#### **ENGINEERING AND OPERATIONS COMMITTEE FOR ACTION.**

It is recommended that your Board authorize the General Manager to have all work performed in advance of award of a construction contract for an Operations Control Center at Eagle Rock.

**FINANCE AND INSURANCE COMMITTEE FOR ACTION.**

It is recommended that the Board authorize an increase in Appropriation No. 567 of \$400,000 to a total of \$750,000 from the 1992 Revenue Bond Construction Fund to finance all estimated costs in advance of award of a construction contract for an Operations Control Center at Eagle Rock.

  
for General Manager

CHT:ks  
(bdap:apr-567.CHT/6103)  
Attachment

**Fiscal Statement**  
(Capital Program No. 5-5670-43)

The total estimated cost breakdowns for the Initial funding and Revision No. 1 are as follows:

	<u>Initial Funding</u>	<u>Revision No. 1</u>
Labor:		
Study	\$ 165,000	\$ 150,000
Engineering	<u>                    </u>	<u>45,000</u>
Total . . . . .	\$ 165,000	\$ 195,000
Incidental Expenses	\$ 3,000	\$ 5,000
Professional and Technical Services	60,000	350,000
Operating Equipment Use	2,000	2,000
Administrative Overhead	90,000	108,000
Contingencies	<u>30,000</u>	<u>90,000</u>
Total . . . . .	<u>\$ 350,000</u>	<u>\$ 750,000</u>

Estimated Funds Required:

Initial Funds	\$ 350,000
Revision No. 1	750,000
Additional	<u>1,100,000</u>
Total . . . . .	<u>\$ 2,200,000</u>

**FISCAL STATEMENT (cont.)**

Source of Funds:

1992 Revenue Construction Fund

Class Three:

Projects that do not directly affect the delivery of water but demonstrate that economic savings outweigh project costs.

Projected Project Expenditure of Funds:

Through Fiscal Year 1992/93	\$ 350,000
Fiscal Year 1993/94	880,000
Fiscal Year 1994/95	<u>970,000</u>
Total . . . . .	<u>\$ 2,200,000</u>

Project Benefit:

The entire distribution system could be monitored and controlled from a single control center to optimize water distribution and hydroelectric power generation. In the event an Area Control Center is inoperable, the OCC can maintain the functional operations of this area.