

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

October 15, 1993

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

From: General Manager

Subject: Revision No. 2 to Appropriation No. 607 to Increase Funding From \$1,280,000 to \$5,250,000 to Finance All Estimated Costs for Interior Seismic Modifications and Excavation for Buttress Foundations for the Pumping Plant Buildings, and All Work In Advance of Award of a Construction Contract for Seismic Modifications to the Discharge Pipelines on the Colorado River Aqueduct

### Report

In July 1993, your Board authorized Revision No. 1 to Appropriation No. 607 to increase funding to \$1,280,000 to finance all estimated costs in advance of award of a contract for construction of seismic modifications to all pumping plants buildings on the Colorado River Aqueduct (CRA) and for relocating electrical and control utilities by District forces prior to construction of exterior wall buttresses by contract at Hinds, Eagle Mountain, and Iron Mountain pumping plants.

It was initially planned to request funding for District forces construction of roof and interior modifications to all pumping plant buildings at the same time as requesting authorization to award a contract for construction of buttresses at Hinds, Eagle Mountain, and Iron Mountain pumping plants. However, to minimize disruption to the operations of the pumping plants and to better utilize District resources, it is proposed to commence the interior modifications to all pumping plant buildings and accomplish the excavation for the buttresses by District forces at Hinds, Eagle Mountain, and Iron Mountain pumping plants in advance of award of the construction contract for the buttresses. It is also proposed to commence final design for seismic modifications to the discharge pipelines at all pumping plants.

It is requested that Appropriation No. 607 be increased from \$1,280,000 to a total of \$5,250,000 to finance all costs in advance of award of a construction contract, for

purchase of materials, fabrication and construction of seismic modifications to roofs and interiors of the pump buildings at all CRA pumping plants by District forces; for District forces to perform the excavation required for the construction of buttresses at Hinds, Eagle Mountain, and Iron Mountain Pumping plants; and for final design and all costs in advance of award of a construction contract for seismic modifications to the discharge pipelines at all plants on the Colorado River Pumping Aqueduct. A breakdown of the estimated cost is shown on the attached Financial Statement.

The total estimated cost of all seismic modification work for the CRA pumping plant buildings and discharge pipelines is \$13,750,000.

The proposed project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA), as it consists of minor alterations of existing facilities to meet current standards of public health and safety, involving no expansion of use beyond that previously existing.

#### Board Committee Assignments

This letter is referred for action to:

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

The Finance and Insurance Committee for consideration because of its responsibility to study, advise, and make recommendations with regard to authorization of appropriations pursuant to Administrative Code Section 2441(d).

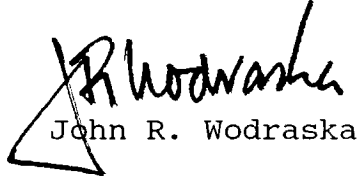
#### Recommendations

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

It is recommended that your Board authorize the General Manager to have all work performed by District forces in advance of award of a construction contract, for purchase of materials, fabrication and construction of roof and interior seismic modifications to the pump buildings at all Colorado River Aqueduct pumping plants, and excavation for construction of buttresses at Hinds, Eagle Mountain, and Iron Mountain pumping plants; and for all costs in advance of award of a construction contract for seismic modifications to the discharge pipelines at all Colorado River Aqueduct pumping plants.

**FINANCE AND INSURANCE COMMITTEE FOR ACTION.**

It is recommended that your Board authorize an increase of \$3,970,000 in Appropriation No. 607 to a total of \$5,250,000 from the 1992 Revenue Bond Construction Fund, to finance all estimated costs for work by District forces in advance of award of a construction contract, for purchase of materials, fabrication and construction of roof and interior seismic modifications to the pump buildings at all Colorado River Aqueduct pumping plants, and excavation for construction of buttresses at Hinds, Eagle Mountain, and Iron Mountain pumping plants; and for all work in advance of award of a construction contract for seismic modifications to the discharge pipelines on the CRA.

  
John R. Wodraska

DWC:rs:daa  
(bdapr:apr-607.2rs)

Attachment

FINANCIAL STATEMENT

(Fiscal Year 1993/94 Capital Program No. 5-6070-11)

A breakdown of the estimated costs for Revisions Nos. 1 and 2 are as follows:

Labor:	<u>Revision 1</u>	<u>Revision 2</u>
Design and Preparation of Specifications	\$ 432,000	\$ 772,000
Post Design Engineering	0	15,000
Inspection/Corrosion District Forces Construction	0	14,000
	<u>115,000</u>	<u>1,240,000</u>
Total Labor	\$ 547,000	\$2,041,000
Material	\$ 120,000	\$ 790,000
Equipment use	20,000	400,000
Incidental Expenses	5,000	153,000
Professional Technical	165,000	115,000
Administrative Overhead	298,000	1,126,000
Contingency	<u>\$ 125,000</u>	<u>625,000</u>
Total	<u>\$1,280,000</u>	<u>\$5,250,000</u>

## Estimated Funds Required:

Initial	\$ 675,000
Revision No. 1	605,000
Revision No. 2	3,970,000
Additional	<u>8,500,000</u>
Total	<u>\$13,750,000</u>

## Source of Funds:

1992 Revenue Bond Construction Fund

Projected Expenditure of Funds:

Through Fiscal Year 1992/93	\$ 700,000
Fiscal Year 1993/94	1,708,000
Fiscal Year 1994/95	4,845,000
Fiscal Year 1995/96	4,865,000
Fiscal Year 1996/97	<u>1,632,000</u>
Total	<u>\$13,750,000</u>

Capital Program for Fiscal Year 1993/94

Estimated Program Costs	\$ 9,819,000
Program Estimate Fiscal Year 1993/94	1,790,400

Class one:

Projects directly related to the delivery of water which, if delayed, could adversely impact the reliability of services.

Project Benefit:

Would improve the structural integrity of the facilities, thereby increasing the reliability of water deliveries, minimizing the extent of damage to the facilities, and reducing the risk of danger of personnel.