

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



**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

JUL 12 1994

8-11

*[Handwritten Signature]*  
 EXECUTIVE SECRETARY

June 22, 1994

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

From: General Manager

Subject: Revision No. 3 to Appropriation No. 607 to Increase Funding  
 From \$5,250,000 to \$7,300,000 to Finance Construction and  
 Related Costs for Seismic Modifications to the Pumping Plant  
 Buildings and to Award a Construction Contract

Report

In November 1993, your Board authorized Revision No. 2 to Appropriation No. 607 to increase funding to \$5,250,000 to finance all costs in advance of award of a construction contract, including excavation by District forces, for construction of reinforced concrete buttresses at Hinds, Eagle Mountain, and Iron Mountain pumping plants, and for purchase of materials, fabrication and construction of seismic modifications to roofs and interiors of the pump buildings at all Colorado River Aqueduct pumping plants by District forces; and for all costs in advance of award of a construction contract for seismic modifications to the discharge pipelines on the Colorado River Aqueduct.

On June 8, 1994 four bids were received under Specifications No. 1227, as amended, for construction of buttresses for the seismic strengthening of the pumping plant buildings at Hinds, Eagle Mountain, and Iron Mountain pumping plants. The low bid of J. W. Contracting Corporation of Corona, California, in the amount of \$1,198,000 complies with the requirements of Specifications No. 1227, as amended, is \$167,000 above the Engineer's estimate and is \$87,788 below the next lowest bid. The Abstract of Bids is shown on Attachment B.

Specifications No. 1227 established Minority-Owned Business Enterprise (MBE) and Women-Owned Business Enterprise (WBE) participation goals of 6 percent MBE and 2 percent WBE. J. W. Contracting Corporation achieved 6.67 percent certified MBE participation and 3.3 percent certified WBE participation. Since this bidder met the participation goals for this specification, demonstration of the bidder's good faith effort was not required. The MBE and WBE subcontractors respectively

are C. V. Garcia Grading and Engineering of Riverside, California, performing grading and coring services and Parcell Steel Co. of Santa Ana, California, providing placement of reinforcing steel.

It is requested that Appropriation No. 607 be increased from \$5,250,000 to a total of \$7,300,000 to finance all costs for construction of buttresses for the seismic strengthening of the pump plant buildings at Hinds, Eagle Mountain, and Iron Mountain pumping plants, and authority to award a construction contract for the buttresses. A breakdown of costs for Revisions Nos. 2 and 3 to the appropriation is shown in the Financial Statement on Attachment A. 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 modifications 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 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 because of its responsibility to study, advise, and make recommendations with regard to authorization of appropriations pursuant to Administrative Code Section 2441(d).

#### Recommendations

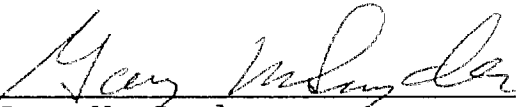
##### **ENGINEERING AND OPERATIONS COMMITTEE FOR ACTION.**

It is recommended that a contract in the amount of \$1,198,000 be awarded to J. W. Contracting Corporation of Corona, California, for construction of buttresses at Hinds, Eagle Mountain, and Iron Mountain pumping plants, and that conditioned upon execution of the contract, all other bids be rejected.

**FINANCE AND INSURANCE COMMITTEE FOR ACTION.**

It is recommended that your Board authorize an increase of \$2,050,000 in Appropriation No. 607 to a total of \$7,300,000 from the Pay-As-You-Go Fund, to finance all costs for construction of seismic modifications to the pumping plant buildings; and for all work in advance of award of a construction contract for seismic modifications to the discharge pipelines on the Colorado River Aqueduct.

John R. Wodraska  
General Manager

By   
Gary M. Snyder  
Chief Engineer

Concur:

  
John R. Wodraska  
General Manager

DWC:jj  
(bdapr:apr-607.dwc-06034)

Attachment

## Attachment A

FINANCIAL STATEMENT

(FY 1994/95 Capital Program No. 5-6070-11)

A breakdown of the estimated costs for Revisions Nos. 2 and 3 are as follows:

	<u>Revision 2</u>	<u>Revision 3</u>
Construction Contract	\$ 0	\$1,198,000
Labor:		
Design and Preparation of Specifications	772,000	772,000
Post Design Engineering	15,000	50,000
Inspection and Contract Administration	5,000	268,000
Corrosion/Survey/Soils and Concrete	9,000	40,000
District Forces Construction	<u>\$ 1,240,000</u>	<u>\$1,240,000</u>
Total Labor	\$ 2,041,000	\$2,370,000
Material	\$ 790,000	\$ 790,000
Equipment use	400,000	400,000
Incidental Expenses	153,000	170,000
Professional Technical	115,000	115,000
Administrative Overhead	1,126,000	1,300,000
Contingency	<u>625,000</u>	<u>957,000</u>
Total	\$ <u>5,250,000</u>	\$ <u>7,300,000</u>

Source of Funds: Pay-As-You-Go

Estimated Funds Required:

Initial	\$ 675,000
Revision No. 1	605,000
Revision No. 2	3,970,000
Revision No. 3	2,050,000
Additional	<u>6,450,000</u>
Total	\$ <u>13,750,000</u>

FINANCIAL STATEMENT (cont.)

## Projected Expenditure of Funds:

Through	Fiscal Year 1992/93	\$ 300,000
"	Fiscal Year 1993/94	2,100,000
"	Fiscal Year 1994/95	4,400,000
"	Fiscal Year 1995/96	4,900,000
"	Fiscal Year 1996/97	<u>2,050,000</u>
	Total	<u>\$13,750,000</u>

## Fiscal Year 1994/1995 Capital Program:

Program Estimate	\$13,750,000
Budget Fiscal Year 1994/1995	\$ 3,630,500

## 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 to personnel.

ATTACHMENT B

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

*Abstract of Bids Received June 8, 1994, at 2:00 p.m.*

*Specifications No. 1227, as Amended  
Seismic Upgrading of Colorado River Aqueduct  
Pump House Buildings*

The work under these specifications consists of construction of modifications to three existing pumping plant buildings for improved seismic resistance. The work includes furnishing and installing reinforced concrete buttresses, backfilling excavated buttress works, and performing any required restoration of disturbed landscaping, pavements, structures, and facilities. This work is to be completed within 280 work days after the contractor receives the Notice to Proceed. Under this schedule, the work will be completed by September 1995.

Engineer's Estimate: \$1,031,000

Bidder & Location	Mobilize 1st Site	Mobilize 2nd Site	Mobilize 3rd Site	Construct	Total
JW Contracting Corporation Corona, Calif.	\$15,000	\$10,000	\$10,000	\$1,163,000	\$1,198,000
Falcon General Engineering, Inc. Vista, Calif.	\$15,000	\$10,000	\$10,000	\$1,250,788	\$1,285,788
Pascal & Ludwig Engineers Ontario, Calif.	\$15,000	\$10,000	\$10,000	\$1,829,000	\$1,864,000
L. D. Anderson, Inc. Mira Loma, Calif.	\$15,000	\$10,000	\$10,000	\$2,761,696	\$2,796,696