



**MWD**

*METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA*

8-6

January 22, 1993

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

From: General Manager

Subject: Revision No. 7 to Appropriation No. 560 for the Domenigoni Valley Reservoir to Increase Funding from \$295,000,000 to \$307,300,000 to Finance All Estimated Costs for the San Diego Canal Relocation and to Award a Construction Contract for the Relocation.

Report

In October 1991, your Board approved Revision No. 6 for a total amount of \$295,000,000 to finance all costs for project management, land acquisition, and design in advance of award of construction contracts for the Domenigoni Valley Reservoir Project. The total estimated cost of constructing Domenigoni Valley Reservoir and related facilities is \$1,838,000,000.

The San Diego Canal will serve as a principal facility to convey water to and accept delivery of water from the Domenigoni Valley Reservoir. The project entails the relocation of portions of the canal to the west so that it does not conflict with the proposed location of the West Dam.

Ten bids have been received and opened under Specifications No. 1247, as amended, for construction of the San Diego Canal Relocation. The proposals are shown on the attached abstract of bids. The low bid of Kasler Corporation in the amount of \$9,872,685, complies with the requirements of the specifications, is \$278,310 below the next lowest bid, and is \$4,827,315 below the engineer's estimate. Kasler Corporation is qualified to perform this work. Kasler Corporation is an equal opportunity employer, and is required to file a copy of its Affirmation Action Plan.

A \$12,300,000 increase in Appropriation No. 560 is required to finance all remaining costs for the San Diego Canal Relocation. The total estimated cost of the relocation is \$13,622,000.

All California Environmental Quality Act (CEQA) requirements have been satisfied for the proposed action. In October 1991, your Board certified the Final Environmental Report for the Domenigoni Valley Reservoir Project (Eastside Reservoir Project). This action satisfied the provisions of CEQA in regard to this matter and no further environmental documentation or reviews are necessary for your Board to take action on the request.

#### Board Committee Assignments

This letter is referred for action to:

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

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).

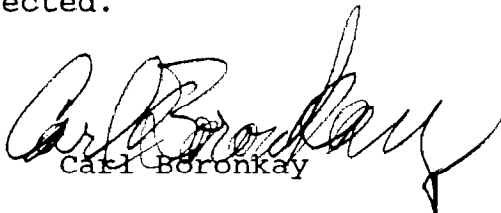
#### Recommendations

##### **FINANCE AND INSURANCE COMMITTEE FOR ACTION.**

It is recommended that your Board authorize an increase of \$12,300,000 in Appropriation No. 560 from the 1993 Revenue Bond Construction fund, to a total of \$307,300,000, for the relocation of the San Diego Canal.

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

It is recommended that a contract in the amount of \$9,872,685 be awarded to Kasler Corporation for relocation of the San Diego Canal and that, conditioned upon execution of the contract, all other bids be rejected.

  
Carl Boronkay

HG:atr  
(bdapr:apr560-1193)  
Attachments

**COST SUMMARY  
SAN DIEGO CANAL RELOCATION**

The total cost breakdown for the San Diego Canal Relocation is shown below:

Construction Specifications 1247	\$ 9,872,685
Labor:	
Preliminary Engineering, Final Engineering, and Preparation of Specifications	737,000
Post Design	296,315
Contract Administration, Inspection and Survey	<u>560,000</u>
Labor Subtotal	1,593,000
Materials and Supplies	10,000
Incidental Expenses	50,000
Professional Services:	
Woodward & Clyde	165,000
Operating Equipment Use	20,000
Administrative Overhead	838,000
Contingencies	<u>1,073,000</u>
TOTAL . . . . .	<u>\$13,622,000</u>

**FISCAL STATEMENT**  
**DOMENIGONI VALLEY RESERVOIR AND RELATED FACILITIES**  
(Program No. 5-5600-11)

Estimated Funds Required:

Initial	\$ 8,300,000
Revision No. 1	5,000,000
Revision No. 2	45,000,000
Revision No. 3	20,000,000
Revision No. 4	15,600,000
Revision No. 5	12,000,000
Revision No. 6	189,100,000
Revision No. 7	12,300,000
Additional	1,530,700,000
 Total . . . . .	 \$ 1,838,000,000

Source of Funds:

1993 Revenue Bond Construction Fund

Projected Expenditure of Funds:

Through Fiscal Year 1990/91	\$ 96,453,700
1991/92	46,385,000
1992/93	89,136,800
1993/94	132,770,000
1994/95	89,664,200
1995/96	359,386,700
1996/97	315,496,700
1997/98	312,412,300
1998/99	321,342,600
1999/2000	63,140,600
2000/01	3,660,500
2001/02	3,770,500
2002/03	4,380,400
 Total . . . . .	 \$ 1,838,000,000

**FISCAL STATEMENT**  
**DOMENIGONI VALLEY RESERVOIR AND RELATED FACILITIES**  
(Continued)

Capital Programs for Fiscal Year 1992/93:

Estimated Program Cost	\$ 1,838,000,000
Program Estimate For Fiscal Year 1992/93	\$ 89,136,800

Class:

One--Project directly related to the storage and delivery of water.

Project Benefit:

The Domenigoni Valley Reservoir will play a major and immediate role in meeting Southern California's day-to-day water needs. But equally important, its reserve supplies will greatly reduce the threat of water shortages in drought periods and when imported water aqueducts are disrupted by earthquake emergencies. Domenigoni Valley Reservoir water resources will help meet the region's storage needs for periods of drought lasting up to several years, and because of its location, can deliver water by gravity to most of the Metropolitan service area.

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Abstract of Bids Received January 26, 1993, at 2:00 p.m.

Specifications No. 1247, as Amended  
Construction of the San Diego Canal Relocation

The work under these specifications involves the relocation of approximately 1.4 miles of canal, including structures. The work will consist of building a new canal portion near the existing San Diego Canal and then tying the new canal section into the existing canal during a shutdown. The work is to be completed within 222 working days after the contractor receives the Notice to Proceed. Under this schedule, the work should be completed by March 1994.

Engineer's Estimate: \$14,700,000

BIDDERS & LOCATION	ITEM 1 Mobilization	ITEM 2 San Diego Canal Relocation	ITEM 3 Design, Fabricate, Install, & Test a Radial Gate	TOTAL
Kasler Corporation San Bernardino, California	\$640,000	\$9,032,685	\$200,000	\$ 9,872,685
Harmon & Associates, Inc. DBA Riverside Construction Company Riverside, California	640,000	9,310,985	200,000	10,150,985
PCL Civil Constructors, Inc. Tempe, Arizona	640,000	9,415,567	185,000	10,240,567
Steve P. Rados, Inc. Santa Ana, California	640,000	9,685,000	200,000	10,525,000
E. L. Yeager Construction Co., Inc. Riverside, California	640,000	10,000,000	220,000	10,860,000
Roy E. Ladd, Inc. Redding, California	640,000	10,100,000	209,900	10,949,900
Advanco Constructors Division of Zurn Constructors, Inc. Upland, California	640,000	10,200,808	200,000	11,040,808
Commercial Contractors, Inc., DBA Commercial Contractors, Western Division, Inc. San Diego, California	640,000	10,702,000	275,000	11,617,000
Kiewit Pacific, Company Santa Fe Springs, California	640,000	11,485,000	250,000	12,375,000
C. A. Rasmussen, Inc. Simi Valley, California	640,000	11,463,995	300,000	12,403,995