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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

MAR 14 1995

Darren E. Duff
EXECUTIVE SECRETARY

8 - 5

February 7, 1995

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

From: General Manager

Subject: Authorization No. 17 to Increase Appropriation No. 560 from \$ 675,219,000 to \$ 698,538,000 to Expend Budgeted Funds for Construction of the West Dam Foundation and Excavation for the Domenigoni Valley Reservoir Project.

RECOMMENDATION

It is recommended that your Board authorize an increase of \$23,319,000 in Appropriation No. 560 from the 1992 Revenue Bond Construction Fund, to a total of \$698,538,000 to expend budgeted funds to finance all remaining costs for the West Dam Foundation and Excavation for the Domenigoni Valley Reservoir Project.

It is also recommended that a construction contract for the West Dam Foundation and Excavation in the amount of \$19,787,370 be awarded to Kiewit Pacific Company in accordance with Specifications No. 1305, as amended, and that conditioned upon execution of the contract, all other bids be rejected.

Approval of Request

John R. Wodraska
General Manager

Submitted by:

Gary M. Snyder
Gary M. Snyder
Chief Engineer

Concur:

John R. Wodraska
John R. Wodraska
General Manager

BRIEF DESCRIPTION

Bids have been received under Specifications No.1305, as amended, for the construction of the West Dam Foundation and Excavation. Twelve bids were received and opened. These bids are shown on the attached Abstract of Bids (see Attachment B). The low bid from Kiewit Pacific, in the amount of \$19,787,370 complies with the requirements of the specifications, is \$1,590,007 below the next lowest bid, and is \$9,712,630 below the Engineers Estimate.

A \$23,319,000 increase in Appropriation No. 560 is required to finance all remaining costs of the West Dam Foundation and Excavation. The total estimated cost of the Domenigoni Valley Reservoir Project(DVRP) is \$1,972,100,000 (see Attachment A).

<p style="text-align: center;"><u>CONTRACT TYPE</u></p> <p><input checked="" type="checkbox"/> NEW <input type="checkbox"/> Amended</p> <p style="text-align: center;"><u>CONTRACT FORM</u></p> <p><input type="checkbox"/> LEASE <input type="checkbox"/> PROFESSIONAL SERVICES <input checked="" type="checkbox"/> CONSTRUCTION</p>	<p style="text-align: center;"><u>FUNDING</u></p> <p><input checked="" type="checkbox"/> CAPITAL - APPROPRIATION INCREASE <input type="checkbox"/> O & M</p> <p style="text-align: center;"><u>BUDGET STATUS</u></p> <p><input checked="" type="checkbox"/> FY 94/95 AMT \$169,231,200 <input type="checkbox"/> OUT-YEAR AMT _____ <input type="checkbox"/> NON-BUDGET AMT _____</p>	<p style="text-align: center;"><u>TYPE OF COMPETITION</u></p> <p><input checked="" type="checkbox"/> COMPETITIVE BIDDING Specification No. 1305</p> <p><input type="checkbox"/> NEGOTIATED CONTRACT</p>
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PURPOSE/BACKGROUND

The DVRP will be formed by the construction of West, East, and Saddle Dams and will provide 800,000 acre-feet of additional reservoir storage capacity within the Metropolitan service area. The West Dam will be located near the westerly end of the Domenigoni Valley. The dam will be an earth-core rockfill dam and have a crest length of about 8300 feet, a maximum height of about 285 feet above the existing valley floor, and a maximum height of 375 feet above the lowest level of the foundation excavation.

The West Dam Foundation and Excavation contract will be the first major element of dam construction at the DVRP site. Work includes the initial excavation of approximately 12 million cubic yards of materials to a depth of approximately 60 feet within the limits of the West Dam south of the existing Newport Road. An additional 30 feet of excavation will be completed in the main excavation contract. All excavated materials will be either stockpiled for later use in the central core of the West Dam embankment or placed and contoured in the West Recreation Area.

The contract also includes construction of a temporary diversion dike to provide storm water control during construction, a new T-intersection at State Highway 79 and widening of the existing Highway to provide construction access to the site, embankment material test fills, and East Dam test grouting.

ACTIONS & MILESTONE

Final design of the West Dam Foundation and Excavation was completed in January 1995. Construction is anticipated to begin in April 1995 and to be completed in October 1995.

MBE/WBE

The specifications, as amended, established certified Minority-Owned Business Enterprise (MBE) and Women-Owned Business Enterprise (WBE) participation goals of 14 percent MBE and 5 percent WBE. The specifications also provided that a bidder which does not meet the indicated participation goals must submit documentation of its good faith effort to meet such goals. Kiewit Pacific Co., has committed to achieve 13.6 percent certified MBE participation and 5.1 percent certified WBE participation. The MBE and WBE subcontractors are listed in Attachment C. Since Kiewit Pacific Co. did not meet the participation goals, its good faith effort was reviewed by the Office of Diversity, the Legal Department, and the Engineering Division. Kiewit Pacific Co.'s documented good faith effort meets the criteria set forth in the specification and is acceptable.

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 the Domenigoni Valley Reservoir Project. 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.

PLAN AND BID STATISTICS

95 CONTRACTORS REQUESTED PLANS

12 BIDS SUBMITTED

EVALUATION CRITERIA: LOW BID THAT MEETS THE REQUIREMENTS OF THE SPECIFICATIONS. BIDDERS QUALIFICATIONS AND MBE/WBE PARTICIPATION ARE ALSO CONSIDERED.

CONTRACTUAL DETAILS

- ANTICIPATED DURATION 132 WORKING DAYS
- HOURLY RATES _____
- PREVAILING WAGE RATES WILL APPLY

FISCAL STATEMENT
Domenigoni Valley Reservoir and Related Facilities
(Program No.5-5600-11)

Project Summary:

	Current Budget	Total Appropriation
Planning	15,000,000	15,000,000
Land*	334,000,000	334,000,000
Mitigation*	32,681,000	32,681,000
Design	120,450,000	120,450,000
Construction	1,300,936,000	178,935,965
Recreation	33,000,000	0
Contingency	136,033,000	17,471,035
TOTAL	\$ 1,972,100,000	\$ 698,538,000

* Real estate costs include \$28.3 million for land purchases at the Santa Rosa Plateau and Shipley Reserve which when added to non-real estate mitigation costs of \$32.7 million results in a total mitigation value of \$61million.

The total cost breakdowns for Revision Nos. 16 and 17 to Appropriation No, 560 are shown below:

	AUTHORIZATION NO. 16	AUTHORIZATION NO. 17
Construction Specification No. 1305		19,787,370
Construction	97,983,812	97,983,812
Labor:		
Preliminary Engineering, Final Engineering, and Preparation of Specifications	26,878,741	26,878,741
Post Design	858,012	858,012
Contract Administration		
Inspection and Survey	6,400,000	7,280,700
Labor Subtotal	34,136,753	35,017,453
Materials and Supplies	1,337,595	1,337,595
Right of Way Acquisition	303,500,000	303,500,000
Incidental Expenses	14,761,652	14,806,652
Professional Services	193,925,298	193,925,298
Operating Equipment Use	1,483,501	1,483,501
Administrative Overhead	16,359,705	16,845,605
Contingencies	15,351,005	17,471,035
Reimbursable from Agencies	-3,620,321	-3,620,321
TOTAL	\$ 675,219,000	\$ 698,538,000

Estimated Funds Required:

REVISION	DATE	AMOUNT
Initial	June 27, 1988	8,300,000
Revision No.1	November 1, 1989	5,000,000
Revision No.2	May 2, 1989	45,000,000
Revision No.3	November 27, 1990	20,000,000
Revision No.4	February 19, 1991	15,600,000
Revision No.5	March 26, 1991	12,000,000
Revision No.6	September 24, 1991	189,100,000
Revision No.7	January 22, 1993	12,300,000
Revision No.8	September 17, 1993	112,000,000
Revision No.9	October 21, 1993	1,670,000
Revision No.10	June 28, 1994	987,000
Revision No.11	July 18, 1994	952,000
Revision No.12	July 25, 1994	19,621,000
Revision No.13	November 29, 1994	94,100,000
Revision No.14	December 23, 1994	56,758,000
Revision No.15	December 23, 1994	22,331,000
Authorization No.16	February 7, 1995	59,500,000
Authorization No.17	February 7, 1995	23,319,000
Remaining		1,273,562,000
TOTAL		\$ 1,972,100,000

Source of Funds:

1992 Revenue Bond Construction Fund

Class One:

Projects directly related to delivery of water.

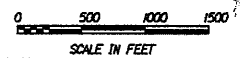
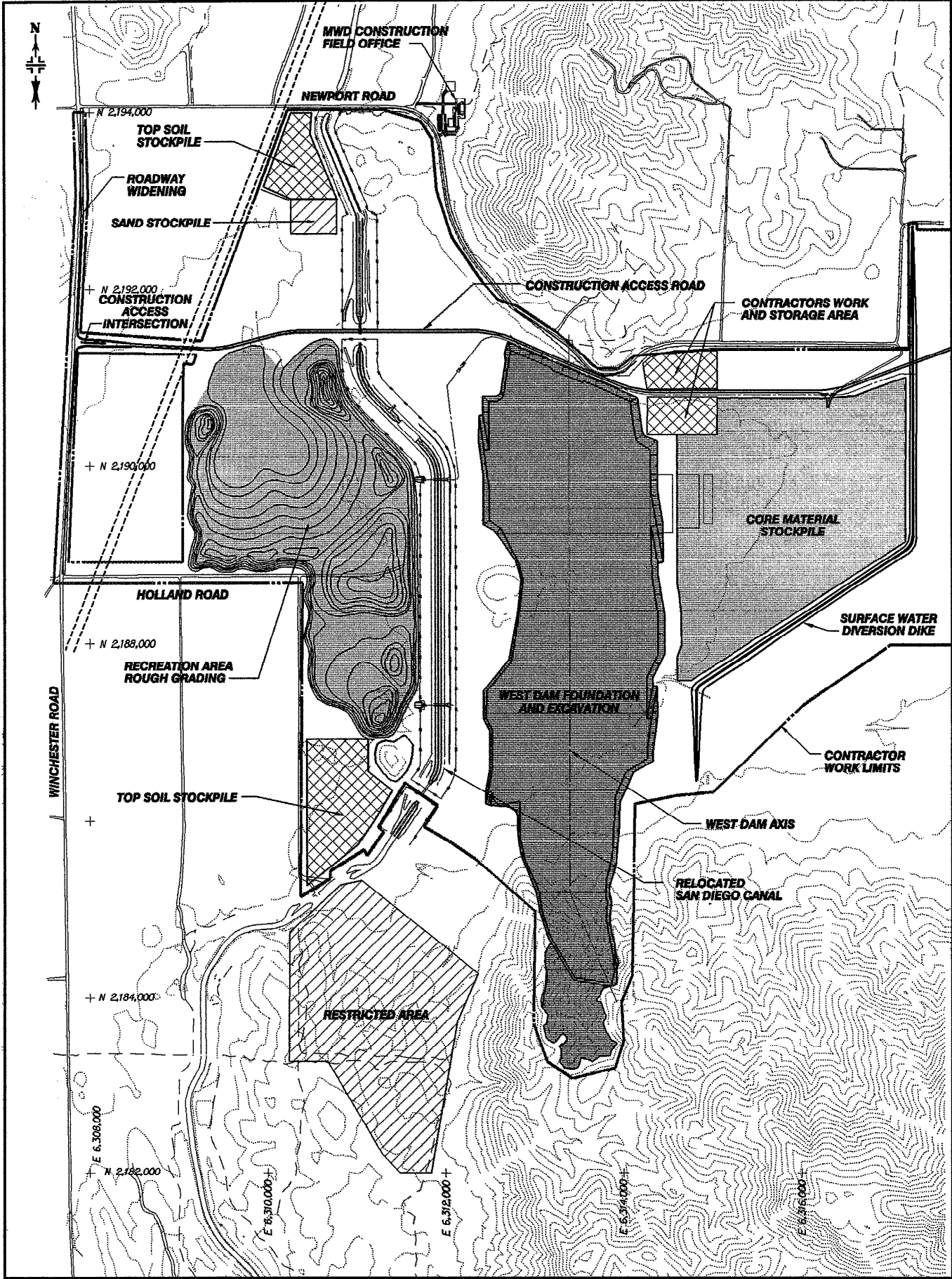
Projected Expenditures of Funds:

Through	Fiscal Year 1992/93	\$251,800,000
	Fiscal Year 1993/94	\$109,570,000
	Fiscal Year 1994/95	\$148,974,000
	Fiscal Year 1995/96	\$411,534,800
	Fiscal Year 1996/97	\$429,510,700
	Fiscal Year 1997/98	\$399,296,600
	Fiscal Year 1998/99	\$203,538,500
	Fiscal Year 1999/2000	\$17,875,400
	TOTAL.....	\$1,972,100,00

Attachment B
 The Metropolitan Water District of Southern California
 Abstract of Bids Received February 23, 1995 at 2:00 p.m.
 Specifications No. 1305, as Amended
 West Dam Foundation and Excavation

The work under the specifications consists of construction of the West Dam Foundation and Excavation. The work is to be completed within 132 working days after the contractor receives the Notice to Proceed. Under this schedule, the work should be completed by October 1995. Engineer's Estimate: \$29,500,000.00

Bidder & Location	Total
Kiewit Pacific Company Vancouver, Washington	\$19,787,370
Tutor-Saliba - Perini, Joint Venture Sylmar, California	\$21,377,377
C.A. Rasmussen, Inc. Corona, California	\$23,183,745
Chilcote, Inc. El Cajon, California	\$23,333,333
ICA Construction Group Irvine, California	\$23,337,798
PCL Civil Construction Tempe, Arizona	\$23,511,986
Washington Construction Company Missoula, Montana	\$23,888,000
Ladd/Rados, Inc. Redding, California	\$24,844,419
ACI Corona, California	\$24,869,123
Granite Construction Company Watsonville, California	\$24,955,346
W.R. Connelly, Inc. Spring Valley, California	\$26,496,871
Sukot Construction, Inc. Santa Ana, California	\$29,874,820



WEST DAM FOUNDATION AND EXCAVATION

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